

## Microbiome Information for: Atrial fibrillation

### For non-prescribing Medical professionals Review

The suggestions below are based on an Expert System (Artificial Intelligence) modelled after the MYCIN Expert System produced at Stanford University School of Medicine in 1972. The system uses over 1,800,000 facts with backward chaining to sources of information. The typical sources are studies published on the US National Library of Medicine.

Many recent studies has found that symptoms and symptom severity has strong associations to the microbiome for many conditions. Correcting the microbiome dysfunction is beleived to reduce the severity of symptoms. In some cases, this correction may cause symptoms to disappear.

These are *a priori suggestions* that are predicted to independently reduce microbiome dysfunction. Suggestions should *only be done after a review* by a medical professional factoring in patient's conditions, allergies and other issues.

**This report may be freely shared by a patient to their medical professionals**

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Best practise for making microbiome adjustments is to obtain the individuals microbiome. The following are the best microbiome to use with this expert system model. The suggestions below are intended as temporary suggestions until a test result in received.

In the USA

Ombre (<https://www.ombrelab.com/>)

Thorne (<https://www.thorne.com/products/dp/gut-health-test>)

Worldwide: BiomeSight (<https://biomesight.com>) - Discount Code 'MICRO'

### Analysis Provided by Microbiome Prescription

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## Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of Atrial fibrillation

*Nota Bena:* Many studies are done with a small sample size or mixtures of condition subsets which can greatly diminish the ability to detect bacteria shifts.

| Bacteria Name       | Rank   | Shift | Taxonomy ID |
|---------------------|--------|-------|-------------|
| Alphaproteobacteria | class  | Low   | 28211       |
| Flavobacteriia      | class  | Low   | 117743      |
| Sphingobacteriia    | class  | Low   | 117747      |
| Alcaligenaceae      | family | High  | 506         |
| Barnesiellaceae     | family | Low   | 2005519     |
| Clostridiaceae      | family | Low   | 31979       |
| Flavobacteriaceae   | family | Low   | 49546       |
| Lachnospiraceae     | family | Low   | 186803      |
| Sphingobacteriaceae | family | Low   | 84566       |
| Veillonellaceae     | family | Low   | 31977       |
| Acinetobacter       | genus  | High  | 469         |
| Aeromonas           | genus  | High  | 642         |
| Agathobacter        | genus  | High  | 1766253     |
| Allisonella         | genus  | High  | 209879      |
| Bilophila           | genus  | Low   | 35832       |
| Blautia             | genus  | High  | 572511      |
| Brevundimonas       | genus  | Low   | 41275       |
| Burkholderia        | genus  | High  | 32008       |
| Butyricicoccus      | genus  | Low   | 580596      |
| Butyrivibrio        | genus  | Low   | 830         |
| Citrobacter         | genus  | Low   | 544         |
| Coprococcus         | genus  | High  | 33042       |
| Desulfovibrio       | genus  | High  | 872         |
| Dialister           | genus  | High  | 39948       |
| Dorea               | genus  | High  | 189330      |
| Eisenbergiella      | genus  | High  | 1432051     |
| Enorma              | genus  | High  | 1472762     |
| Enterobacter        | genus  | High  | 547         |
| Enterococcus        | genus  | High  | 1350        |
| Escherichia         | genus  | Low   | 561         |
| Faecalibacterium    | genus  | Low   | 216851      |
| Haemophilus         | genus  | High  | 724         |
| Holdemanella        | genus  | Low   | 1573535     |
| Holdemania          | genus  | High  | 61170       |
| Hungatella          | genus  | Low   | 1649459     |

| Bacteria Name                | Rank    | Shift | Taxonomy ID |
|------------------------------|---------|-------|-------------|
| Klebsiella                   | genus   | High  | 570         |
| Kluyvera                     | genus   | High  | 579         |
| Lachnobacterium              | genus   | Low   | 140625      |
| Lachnoclostridium            | genus   | High  | 1506553     |
| Lachnospira                  | genus   | High  | 28050       |
| Lactobacillus                | genus   | High  | 1578        |
| Lactococcus                  | genus   | High  | 1357        |
| Oscillibacter                | genus   | Low   | 459786      |
| Parabacteroides              | genus   | High  | 375288      |
| Paraprevotella               | genus   | Low   | 577309      |
| Prevotella                   | genus   | Low   | 838         |
| Ruminococcus                 | genus   | High  | 1263        |
| Sanguibacteroides            | genus   | Low   | 1635148     |
| Sellimonas                   | genus   | High  | 1769710     |
| Shigella                     | genus   | Low   | 620         |
| Sphingobacterium             | genus   | Low   | 28453       |
| Streptococcus                | genus   | High  | 1301        |
| Turidibacter                 | genus   | Low   | 191303      |
| Tyzzerella                   | genus   | Low   | 1506577     |
| Veillonella                  | genus   | High  | 29465       |
| Burkholderiales              | order   | High  | 80840       |
| Flavobacteriales             | order   | Low   | 200644      |
| Hyphomicrobiales             | order   | Low   | 356         |
| Micrococcales                | order   | Low   | 85006       |
| Sphingobacteriales           | order   | Low   | 200666      |
| Agathobacter rectalis        | species | Low   | 39491       |
| Bacteroides fragilis         | species | High  | 817         |
| Corynebacterium striatum     | species | High  | 43770       |
| Eubacterium ramulus          | species | High  | 39490       |
| Faecalibacterium prausnitzii | species | High  | 853         |
| Helicobacter pylori          | species | High  | 210         |
| Phocaeicola coprophilus      | species | Low   | 387090      |
| Porphyromonas gingivalis     | species | High  | 837         |
| Segatella copri              | species | Low   | 165179      |
| Staphylococcus aureus        | species | High  | 1280        |

## Substance to Consider Adding or Taking

These are the most significant substances that are likely to improve the microbiome dysfunction. Dosages are based on the dosages used in clinical studies. For more information see: <https://microbiomeprescription.com/library/dosages>. These are provided as examples only

Colors indicates the type of substance: i.e. probiotics and prebiotics, herbs and spices, etc. There is no further meaning to them.

|                                                                            |                                                                                                                      |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| (2->1)-beta-D-fructofuranan {Inulin} 32 gram/day                           |                                                                                                                      |
| Agaricus bisporus {White button mushrooms}                                 |                                                                                                                      |
| Avena sativa x Hordeum vulgare {barley,oat}                                |                                                                                                                      |
| bacillus,lactobacillus,streptococcus,saccharomyces probiotic               |                                                                                                                      |
| bifidobacterium                                                            |                                                                                                                      |
| Bifidobacterium animalis {B. animalis}                                     |                                                                                                                      |
| bifidobacterium longum {B.Longum } 10 BCFU/day                             |                                                                                                                      |
| Bovine Milk Products {Dairy}                                               |                                                                                                                      |
| Caffeine                                                                   |                                                                                                                      |
| Coffee                                                                     |                                                                                                                      |
| Cola aspartame {Diet Cola}                                                 |                                                                                                                      |
| fructo-oligosaccharides 15 gram/day                                        |                                                                                                                      |
| Hordeum vulgare {Barley} 60 gram/day                                       |                                                                                                                      |
| Human milk oligosaccharides (prebiotic, Holigos, Stachyose) 2 gram/day     |                                                                                                                      |
| Lactocaseibacillus casei {L. casei} 48 BCFU/day                            |                                                                                                                      |
| lactobacillus acidophilus {L. acidophilus} 20 BCFU/day                     |                                                                                                                      |
| lactobacillus paracasei,lactobacillus acidophilus,bifidobacterium animalis |                                                                                                                      |
| Lactobacillus plantarum {L. plantarum} 60 BCFU/day                         |                                                                                                                      |
|                                                                            | lactobacillus rhamnosus gg,bifidobacterium animalis lactis ,lactobacillus paracasei {cvs maximum strength probiotic} |
|                                                                            | Lactose {Milk Sugar}                                                                                                 |
|                                                                            | long-term, moderate-intensity exercise {exercise}                                                                    |
|                                                                            | oligosaccharides {oligosaccharides}                                                                                  |
|                                                                            | Oryza sativa {Rice}                                                                                                  |
|                                                                            | Outer Layers of Triticum aestivum {Wheat Bran}                                                                       |
|                                                                            | Probiotic Mixture 1 {Japanese Vet Probiotic}                                                                         |
|                                                                            | Probiotic Mixture 2 {Vetafarm Probiotic}                                                                             |
|                                                                            | Prunus dulcis {Almonds} 90 gram/day                                                                                  |
|                                                                            | resistant starch                                                                                                     |
|                                                                            | Saccharomyces cerevisiae var boulardii {S. boulardii} 6 BCFU/day                                                     |
|                                                                            | soy 25 gram/day                                                                                                      |
|                                                                            | synthetic disaccharide derivative of lactose {Lactulose}                                                             |
|                                                                            | walnuts 75 gram/day                                                                                                  |
|                                                                            | wheat                                                                                                                |
|                                                                            | yogurt                                                                                                               |
|                                                                            | Zinc {Zinc Supplements} 300 mg/day                                                                                   |
|                                                                            | β-lactoglobulin {Whey} 60 gram/day                                                                                   |

## Retail Probiotics

Over 260 retail probiotics were evaluated with the following deemed beneficial with no known adverse risks.

theramedix / probiotic  
 Next Generation  
 Physician Choice / 60 Billion Probiotics  
 naturopathica (au) / gastrohealth probiotic dairy free 50 billion  
 Northwest Natural Products / PB8  
 vita miracle / ultra-30 probiotics  
 nature's way (au) / restore probiotic bowel & colon health 30s  
 visbiome  
 garden of life / primal defense  
 SuperSmart / Full Spectrum Probiotic Formula  
 renew life men's probiotic - ultimate  
 quantum wellness / restora flora  
 newrhythm / probiotics 20 strains  
 probiotic pur (de) / realdose nutrition  
 ASEA VIA / BIOME  
 Lake Avenue Nutrition / Probiotics 10 Strain Blend  
 udo's choice / super 8 gold  
 Advanced Bio-Cultures / Advance Multi Strain Probiotics  
 elixa / probiotic  
 renew life / ultimate flora  
 up4 / ultra  
 bioray / cytoflora  
 Bioflora (Mx) / BIOFLORA / 30 BILLION 10 strains  
 Realdose  
 bioglan bio (au) / happy probiotic 100  
 douglas laboratories / multi probiotic 40 billion  
 1 md / complete probiotics platinum  
 MegaFood / MegaFlora  
 organic 3 / primal gut  
 Physis / Advance Probiotics  
 Dr. Mercola / Complete Probiotics  
 Garden of Life / Dr. Formulated Once Daily Women's  
 nature's way (au) / restore probiotic 100 billion  
 hyperbiotics / pro-15  
 lifted naturals / mood boosting probiotic  
 seed / male version  
 solaray / microbiome probiotic colon formula  
 vinco / probiotic eight 65  
 NOW FOODS / Clinical GI Probiotic  
 bioglan bio (au) / happy probiotic 50  
 OMNI-BIOTIC®/ TRAVEL  
 Bio Schwartz / Advance Strength Probiotics (40 BCFU)  
 Ombre / Metabolic Booster  
 Wakunaga / Max Probiotic  
 Invivo / Bio.Me Femme UT  
 OMNI-BIOTIC®/ 10 AAD  
 young living/life 9  
 nature's bounty / probioti 10  
 fairvital / microflora basic  
 naturopathica (au) / gastrohealth probiotic dairy free 20 bcfu  
 jarro formulas / jarro-dophilus® ultra  
 Ombre / Healthy Gut  
 SuperSmart / Lactoxira  
 ProbioMax® Daily DF

spain (es) / vivomixx  
Krauterhaus / Lactopro  
LiveWell Nutrition / Pro-45  
HLH BIOPHARMA(DE) / LACTOBACT ® PREMIUM  
naturopathica (au) / gastrohealth probiotic ultimate daily care 100billion  
fürstenmed / lacto-bifido  
Swiss BioEnergetics / Full Spectrum Probiotic Defence  
jarrow formula / jarro-dophilus original  
Windlove Probiotics / Ecologic®825  
Probiotic 10 Billion Active Cells Daily Maintenance  
up4 / adult  
HLH BIOPHARMA(DE) / LACTOBACT ® 60PLUS  
7 AM Ultra Probiotics  
optibac / for every day  
seed / female version  
SuperSmart / Probio Forte  
organic 3 / gutpro  
Symprove™  
Ombre / Heart Health  
Thryve Inside/ L.Reu,Rham,Casi; B.Lactis  
Seeking Health / Probiota HistaminX  
bravo europe / starter and complex  
jarrow formula / ideal bowel support® lp299v®  
Bromatech (IT) / Lautoselle  
Bioflora (MX) / BIOFLORAMX / 50 BILLION 10 Strains  
jamieson (can) / probiotic 10 bcfu  
ferring / vsl#3  
Resbiotic / resB® Lung Support  
Bromatech (IT) / Enterelle  
SuperSmart / Vaginal Health  
klair labs / target gb-x  
jarrow formulas / jarro-dophilus eps  
naturopathica (au) / gastrohealth fibrepro  
Sash Vitality / Bio-Cultures Probiotics for Adults  
blackmores (au) / probiotics + adults daily (90 capsules)  
bio-k+  
nature's way (au) / restore probiotic daily health 90s  
Bromatech(IT) / FEMELLE  
SuperSmart / Candalb  
custom probiotics / four strain lactobacilli  
zint nutrition / probiotic collagen +  
Smidge / Sensitive Probiotic  
Jetson (US) / Immunity Probiotics  
jarrow formulas / bifidus balance® + fos  
HLH BIOPHARMA(DE) / LACTOBACT ® AAD  
naturopathica (au) / gastrohealth probiotic adults 50+  
Ombre / Mood Enhancer  
HMF Metabolic  
blackmores (au) / probiotics+ immune defence  
CVSHealth / Daily Probiotic  
Bromatech (IT) / Serobiome  
custom probiotics / six strain probiotic powder  
Bromatech (IT) / Citogenex  
Bromatech / ENTERELLE PLUS  
SuperSmart / Derma Relief  
Bromatech (IT) / Adomelle  
up4 / women's  
ISCON Elegance/ Ochek Capsule 10

just for tummies / live bacteria  
blackmore (au) / probiotics+ bowel support  
Bioflora(MX) / Woman  
NaturalPharma / Profit Probiotics  
nature's way (au) / restore probiotic 30 billion 30s  
HLH BIOPHARMA(DE) / LACTOBACT ® OMNI FOS  
blackmore (au) / probiotics+ daily health  
ecology\_allergycare  
cytoplan(uk) / dentavital bifidophilus  
Genesis Bifidobacterium Complex BB Probiotic  
trubiotics / one a day  
Maple Life Science™ / Lactobacillus plantarum  
PrecisionBiotics / Immune  
natren / healthy trinity probiotic  
Purica Probiotic Cardio  
nature's instincts / ultra spore probiotic  
Biorela® Daily  
Bulk Probiotics / L. Acidophilus Probiotic Powder  
gnc / ultra probiotic complex  
CustomProbiotics.com / B. Longum Probiotic Powder  
HLH BIOPHARMA(DE) / LACTOBACT ® LDL-CONTROL  
powerlabs (au) / ultra blend  
Eden's / 3-in-1 Synbiotic Superblend  
Bromatech (IT) / Ramnoselle  
naturopathica (au) / gastrohealth probiotic daily care  
Bulk Probiotics / Saccharomyces boulardii Probiotic Powder (Digestive Support)  
spain (es) / axiboulardi  
HMF IBS Relief  
Wakunaga / Pro+ Synbiotic  
speer labs / emuaid first defense  
solgar / advanced acidophilus plus  
Floradapt Cardio  
anabolic laboratories / probiotic complete  
quality health (au) / fridge free\* probiotic 60s  
UltraFlora® Intensive Care  
Bromatech (IT) / Milonet  
Schwabe Pharma Italia / AxiBoulardi  
PharmExtracta (IT) / INatal Sachets  
Probiotic Sticks  
jarrow formulas / jarro-dophilus mood  
SuperSmart / Saccharomyces Boulardii  
spain (es) / profaes4 edad escolar  
UltraFlora® Immune Booster  
Nutrition Essentials / Probiotic (900 BCFU)  
Ombre / Harmony  
HMF Forte  
naturopathica (au) / gastrohealth women's probiotic with cranberry  
optibac / bifidobacteria & fibre  
nature's way (au) / restore probiotic choc balls 60s  
Sanogermina / AB-Kolicare  
FloraVantage® Balance  
ImmuneBiotech Medical Sweden AB / GutMagnific®  
organic 3 / yeastbiotic  
Nu U (uk) / Bio-Cultures Complex  
biospec / probiotic-5  
CustomProbiotics.com / L. Plantarum Probiotic Powder  
SuperSmart / Oral Health  
PharmExtracta (IT) / Gliadines buccal stickpacks

PoolPharma (IT) / ProbioTKMIO  
Wakunaga / 50+  
florastor / florastor  
PrecisionBiotics / Zenflora  
PharmExtracta / Bowell  
UltraFlora® Balance  
Bromatech (IT) / Psicobrain  
SuperSmart / Lactobacillus Plantarum Postbiotic (Pasturized)  
Align® Extra Strength  
Floradapt Gut Comfort  
HMF Intensive  
Nature's Lab Intensive GI  
Schwabe Pharma Italia / MegaStress  
bayer / trubiotics daily probiotic  
CustomProbiotics.com / L. Acidophilus Probiotic Powder  
Purica Probiotic Intensive GI  
quality health(au)/ fridge free probiotic 25b  
optibac / for your cholesterol  
genestra brands® hm  
align / align  
Ombre / Ultimate Immunity  
Seeking Health / Probiota Bifidobacterium  
Bromatech (IT) / Piloex  
microbiome labs / restorflora  
Metabolics / Lactobacillus Plantarum Powder  
Nature's Lab Cardio  
Bromatech (IT) / Aflugenex  
CustomProbiotics.com / L. Casei Probiotic Powder  
solgar / advanced multi-billion dophilus  
Bulk Probiotics / B. Longum Probiotic Powder  
PharmExtracta (IT) / FG5 Forte In Sachets  
Maple Life Science™ / Bifidobacterium longum  
Bromatech (IT) / Rotanella plus  
Immune Defense Daily Chewable Probiotic  
natren / megadophilus  
Metabolics / Bifidobacterium Longum Powder  
VSL Pharmaceuticals / Oxadrop  
blackmore (au) / probiotics+ eczema relief  
imaglin / NutriLots Replenish  
Metabolics / Lactobacillus Acidophilus  
philips / colon health  
UltraFlora® Restore  
Ombre / Endless Energy  
Jetson / FIT  
optibac / for those on antibiotics  
shin biofermin (jp) /s  
Thryve LPCasei Th1, LPCasei Th2, L.Ferm IBF1, L.acidoph  
Bulk Probiotics / L. Plantarum Probiotic Powder  
spain (es) / I3.1  
Bromatech (IT) / Acronelle  
Align / Align® Chewables  
bioglan bio (au/ happy probiotic 25  
Wakunaga / Kyo-Dophilus® Multi 9 Probiotic  
custom probiotics / d-lactate free probiotics powder  
wakamoto (jp) / wakamoto pharmaceutical intestinal drug  
custom probiotics / five strain bifidobacteria  
optibac / saccharomyces boulardii  
Bromatech (IT) / Bifiselle

Nature's Bounty / Acidophilus Probiotic  
Schwabe Pharma Italia / EnteroDophilus  
solgar / advanced 40+ acidophilus  
bioglan (au) / healthy kids probiotic choc balls 50s  
klaire labs / ther-biotic factor 4  
Wakunaga / Daily Probiotic  
InnovixLabs / Mood Probiotic  
optibac / for every day max  
spain (es) / ultralevura  
bravo europe / freeze-dried bravo  
spain (es) / profaes4 viajeros  
goodbelly drink  
Schiff® Digestive Advantage® Advanced Probiotics Multi-Strain Support  
Microbiome Labs / ZENBIOME Dual  
canada (ca) / calmibiotic  
Bulk Probiotics / L. Casei Probiotic Powder (Candida Support)

**Note:** Some of these are only available regionally – search the web for sources.

## Substance to Consider Reducing or Eliminating

These are the most significant substances have been identified as probably contributing to the microbiome dysfunction.

In some cases blood work may show low levels of some vitamins, etc. listed below. This may be due to *greedy* bacteria reported at a high level above. Viewing bacteria data on the Kyoto Encyclopedia of Genes and Genomes (<https://www.kegg.jp/>) may provide better insight on the course of action to take.

|                                                |                                                                 |
|------------------------------------------------|-----------------------------------------------------------------|
| 2H-1?6,2-benzothiazol-1,1,3-trione {Saccharin} | grapes                                                          |
| acetylsalicylic acid,aspirin                   | Honey {Honey }                                                  |
| Arctostaphylos uva-ursi {Bearberry}            | Hypericum perforatum {St. John's Wort}                          |
| Artemisia absinthium {wormwood}                | Menta × piperita {peppermint}                                   |
| Ayurvedic herbal formula {Triphala}            | Nigella sativa {black cumin}                                    |
| Azadirachta indica {Neem}                      | Ocimum tenuiflorum {Tulsi}                                      |
| bismuth subsalicylate {Pepto-Bismol}           | Olea europaea {Olive leaf}                                      |
| Bixa orellana {annatto }                       | Phyllanthus emblica {Chinese gall}                              |
| Cannabis sativa {Marijuana}                    | Pistacia lentiscus {mastic gum}                                 |
| Carrageenans {Carrageenan}                     | polyphenols                                                     |
| chlorhexidine                                  | Propolis {Bee glue}                                             |
| Cinnamomum zeylanicum {Ceylon Cinnamon}        | Prunus mume {Umeboshi}                                          |
| cranberry bean flour                           | Punica granatum {pomegranate}                                   |
| Crataegus {Hawthorn}                           | red wine                                                        |
| Cymbopogon citratus {Lemongrass}               | resveratrol-pterostilbene x Quercetin {quercetin x resveratrol} |
| Eucalyptus {Gum Tree}                          | steviol glycosides {Stevia}                                     |
| Far Infrared Therapy {Far infrared Sauna }     | Sucralose {Splenda}                                             |
| Ferrum {Iron Supplements}                      | syzygium aromaticum {clove}                                     |
| foeniculum vulgare,fennel                      | Thymus vulgaris {thyme}                                         |
| fruit/legume fibre                             | Tributyrin                                                      |
| glycyrrhizic acid {licorice}                   | Vaccinium {Cranberry}                                           |
|                                                | Zingiber officinale Roscoe {ginger}                             |

## Sample of Literature Used

The following are the most significant of the studies used to generate these suggestions.

[Gut microbiome and atrial fibrillation: mechanistic insights metabolites and comorbidities. Systematic review.](#)

**Gut microbes** , Volume: 17 Issue: 1 2025 Dec 31

Authors Gawalko M,Kociemba W,Sanders P,Linz D

[Anti-Porphyromonas gingivalis Antibody Levels in Patients With Stroke and Atrial Fibrillation: A Systematic Review and Meta-Analysis.](#)

**Clinical and experimental dental research** , Volume: 10 Issue: 6 2024 Dec

Authors Cannavo A,Babajani N,Saeedian B,Ghondaghsaz E,Rengo S,Khalaji A,Behnoush AH

[Changes of Intestinal Flora in Patients with Atrial Fibrillation and Its Correlation with Cardiovascular Risk Factors.](#)

**Reviews in cardiovascular medicine** , Volume: 24 Issue: 4 2023 Apr

Authors Chen S,Tu M,Shi J,Hu X

[Risk factors associated with osteomyelitis due to Corynebacterium striatum in patients with diabetic foot.](#)

**Medicina clinica** , Volume: 162 Issue: 1 2024 Jan 12

Authors Bermejo Olano MDM,Campelo Gutierrez C,Hervas Gómez R,Alfayate García JM,Sánchez Ríos JP,Moreno Núñez L

[Roles of gut microbiota in atrial fibrillation: insights from Mendelian randomization analysis and genetic data from over 430,000 cohort study participants.](#)

**Cardiovascular diabetology** , Volume: 22 Issue: 1 2023 Nov 8

Authors Dai H,Hou T,Wang Q,Hou Y,Zhu Z,Zhu Y,Zhao Z,Li M,Lin H,Wang S,Zheng R,Xu Y,Lu J,Wang T,Ning G,Wang W,Zheng J,Bi Y,Xu M

[The correlation between gut microbiome and atrial fibrillation: pathophysiology and therapeutic perspectives.](#)

**Military Medical Research** , Volume: 10 Issue: 1 2023 Nov 7

Authors Li N,Wang L,Li L,Yang MZ,Wang QX,Bai XW,Gao F,Yuan YQ,Yu ZJ,Ren ZG

[Associations between Plasma Antibody Levels against Porphyromonas gingivalis and Atrial Fibrillation among Community-Dwelling Older Individuals in Japan: A Cross-Sectional Study.](#)

**Oral health & preventive dentistry** , Volume: 21 2023 Oct 20

Authors Hoshino T,Kaneko N,Yoshihara A,Iwasaki M,Suwama K,Ito Y,Tanaka J,Narita I,Ogawa H

[Gut Microbiota and Atrial Fibrillation: Pathogenesis, Mechanisms and Therapies.](#)

**Arrhythmia & electrophysiology review** , Volume: 12 2023

Authors Al-Kaisey AM,Figgett W,Hawson J,Mackay F,Joseph SA,Kalman JM

[Gut microbiome and atrial fibrillation-results from a large population-based study.](#)

**EBioMedicine** , Volume: 91 2023 May

Authors Palmu J,Börschel CS,Ortega-Alonso A,Markó L,Inouye M,Jousilahti P,Salido RA,Sanders K,Brennan C,Humphrey GC,Sanders JG,Gutmann F,Linz D,Salomaa V,Havulinna AS,Forslund SK,Knight R,Lahti L,Niiranen T,Schnabel RB

[Is there a link between atrial fibrillation and Helicobacter pylori infections?](#)

**Minerva gastroenterology** , Volume: 70 Issue: 2 2024 Jun

Authors Farah R,Hanna T,Levin G

[GUT MICROBIOTA COMPOSITION AND ITS METABOLITES CHANGES IN PATIENTS WITH ATHEROSCLEROSIS AND ATRIAL FIBRILLATION.](#)

**Wiadomosci lekarskie (Warsaw, Poland : 1960)** , Volume: 75 Issue: 12 2022

Authors Melnychuk I,Lizogub VG

[Association between Gut Microbiota Dysbiosis and the CHA2DS2-VASc Score in Atrial Fibrillation Patients.](#)

**International journal of clinical practice** , Volume: 2022 2022

Authors Fang C,Zuo K,Zhang W,Zhong J,Li J,Xu L,Yang X

[Porphyromonas gingivalis and left atrial appendage spontaneous echo contrast in atrial fibrillation ablation candidates.](#)

**Heart and vessels** , Volume: 36 Issue: 11 2021 Nov

Authors Miyauchi S,Tokuyama T,Shintani T,Uotani Y,Miyamoto S,Ikeuchi Y,Okamura S,Okubo Y,Miyauchi M,Nakano Y

[The interplay between host genetics and the gut microbiome reveals common and distinct microbiome features for complex human diseases.](#)

**Microbiome** , Volume: 8 Issue: 1 2020 Oct 8

Authors Xu F,Fu Y,Sun TY,Jiang Z,Miao Z,Shuai M,Gou W,Ling CW,Yang J,Wang J,Chen YM,Zheng JS

[The Association between Arrhythmia and Helicobacter pylori Infection: A Meta-Analysis of Case-Control Studies.](#)

**International journal of environmental research and public health** , Volume: 13 Issue: 11 2016 Nov 16

Authors Yan J,She Q,Zhang Y,Cui C,Zhang G

[Two Cases of Right Atrial Mural Endocarditis Caused by Staphylococcus Aureus.](#)

**Heart, lung & circulation** , Volume: 25 Issue: 10 2016 Oct

**Authors** Wilson AM,Lu YR

Dietary effects of organic selenium and zinc combination on in vitro microbial dynamics in the rumen.

**Journal of advanced veterinary and animal research** , Volume: 12 Issue: 3 2025 Sep

**Authors** Anam MS,Widyobroto BP,Astuti A,Gunawan G,Agus A

A 30% high-fiber diet mitigates oxidative stress and inflammation while modulating cecal microbiota in rats undergoing high-intensity exercise.

**BMC sports science, medicine & rehabilitation** , 2025 Nov 29

**Authors** Athari SZ,Amoghli Tabrizi B,Khakpour M,Kianfar N,Khani E,Abbasi A,Nourazar MA

Effects of whey protein isolate on the human gut microbiota and intestinal function in older adults.

**Journal of dairy science** , 2025 Nov 27

**Authors** Rackerby B,Kim E,Bobe G,Dallas DC,Park SH

Depending on intensity, exercise improved or worsened pathology in a model of prodromal Parkinson's disease.

**NPJ Parkinson's disease** , Volume: 11 Issue: 1 2025 Nov 23

**Authors** Baldauf L,Feja M,Stanojlovic M,Strowig T,Visscher C,Schaeffer E,Berg D,Hankel J,Richter F

Postbiotic delivery via alginate encapsulation alleviates DSS-induced colitis by modulating gut microbiota and SCFA-mediated immune signaling.

**Food research international (Ottawa, Ont.)** , Volume: 221 Issue: Pt 3 2025 Dec

**Authors** Yu Q,Zhu J,Huang M,Bai J,Zhu Y,Zhao Y,Yang Y,Xiao X

Isochlorogenic acid derived from stevia improves antioxidant capacity, immune function and intestinal microbiota in weaned piglets.

**Frontiers in veterinary science** , Volume: 12 2025

**Authors** Wang Y,Luo Y,Zou H,Gao W,Yu B,He J,Song W,Luo Y,Zheng P,Mao X,Xuan Y,Xu M,Yu J

Aerobic exercise and gut flora: a key link to improved cognitive impairment in mice with Parkinson's disease.

**Frontiers in aging neuroscience** , Volume: 17 2025

**Authors** Shan WP,Yan SL,Guo YY,Yang HK,Wang JC,Xiang J

Phytochemical analysis and bioactive potential of Moringa, Eucalyptus, and Nerium extracts against microbial, diabetic, inflammatory, and oxidative stress challenges.

**3 Biotech** , Volume: 15 Issue: 11 2025 Nov

**Authors** Challa BR,Kantamneni GD,Suravajhala M,Vadlamudi S,Manne M,Chathyushya KB

Effects of different intake levels of brown rice and whole wheat on the mental state of mice.

**Food chemistry** , Volume: 496 Issue: Pt 2 2025 Oct 9

**Authors** Zhi L,Wu T,Zhu Y,Zhao Q,Xue Y,Shen Q

Effects of home-based exercise training on gut microbiota and possible relations with cognitive function and metabolic health in postmenopausal women with type 2 diabetes mellitus: a randomized control trial.

**Diabetes research and clinical practice** , Volume: 229 2025 Oct 17

**Authors** Vahed A,Molanouri Shamsi M,Siadat SD,Behmanesh M,Negaraesh R,Agh-Mohammadi S,Ebrahimi M

Coupled Impact of Anthocyanin and Mineral Concentrations in Cranberry Juice on Gut Microbiota and Function Modulation: A First Demonstration.

**Molecules (Basel, Switzerland)** , Volume: 30 Issue: 19 2025 Oct 4

**Authors** Revellat E,Dupont-Morissette J,V Varin T,Pilon G,Marette A,Bazinet L

Exercise-induced modulation of gut microbiota in individuals with obesity and type 2 diabetes: a systematic review and meta-analysis.

**Frontiers in microbiology** , Volume: 16 2025

**Authors** Lin W,Pu L,Qian X,Pan J,Cheng R,Sun P

Regulation of resistant starch, non-starch polysaccharides, resistant oligosaccharides and lignin on the gut microbiota and association with their health benefits.

**Food & function** , 2025 Oct 9

**Authors** Ma HK,Shen L,Zhao LM,JI HF

Current understanding of starch-polyphenol complexes and their potential in vivo metabolism, impact on gut microbiota and treating diabetes.

**Critical reviews in food science and nutrition** , 2025 Oct 5

**Authors** Deng X,Ng WH,Zhou Z,Li C

Comparative Molecular Profiling and Bioactivity Analysis of Algerian Propolis: Antioxidant, Antibacterial Activities, and In Silico NRF2-KEAP1 Pathway Modulation.

**Current issues in molecular biology** , Volume: 47 Issue: 9 2025 Sep 15

**Authors** Reguig A,Messai A,Bedaïda IK,Pinto DCGA,Bensouici C,Quamane AT,Silva AMS,Roy JP

Exercise-Induced Changes in Enterohepatic Communication Are Linked to Liver Steatosis Resolution.

**Nutrients** , Volume: 17 Issue: 18 2025 Sep 15

Authors Zou Y,Xia J,Zhang S,Guo Y,Liu W,Qi Z

In Vitro and In Silico Analysis of Differential Antibacterial Activity of Pomegranate Polyphenols Against Gram-Positive and Gram-Negative Bacteria.

**Antibiotics (Basel, Switzerland) , Volume: 14 Issue: 9 2025 Sep 10**

Authors Surucic R,Travar M,Kundakovic Vasovic T,Radovic Selgrad J,Surucic L,Momcilovic M,Stojiljkovic MP,Škrbic R

Individual and Combined Effects of Medium- and Long-Chain Triacylglycerol and 2'-Fucosyllactose on Small Intestinal Morphology, Barrier Function, and Gut Microbiota in Growing C57BL/6 Mice.

**Nutrients , Volume: 17 Issue: 17 2025 Aug 31**

Authors Jin X,Shen M,Zhang M,Chen H,Jin Y,Zeng Y,Pan Z,Wang Z,Wang P,Yang Y,Yan Z,Zhu H,Li D

Glycyrrhizin alleviates renal damage in MRL/lpr mice by modulating gut microbiota dysbiosis and regulating the RTK-PKCα axis: insights from reverse network pharmacology.

**Food & function , 2025 Sep 9**

Authors Huang F,Sun K,Diao L,Lu K,Fan Y,Xie G

Polyphenol from walnut septum alleviates DSS-induced colonic injury by regulating the PI3K-AKT pathway signaling and gut microbiota in mice.

**Phytomedicine : international journal of phytotherapy and phytopharmacology , Volume: 147 2025 Aug 22**

Authors Hong Z,Chen J,Shi C,Bai Y,Hu X,Pan Y,Dai J,Sheng J,Xie J,Tian Y

Effect of Lactiplantibacillus plantarum LPJZ-658 on caecum microbiota and serum metabolomics of Luhua broiler.

**Frontiers in microbiology , Volume: 16 2025**

Authors Li M,Liu Z,Chen C,Liu Z,Liu L

Probiotic Lactiplantibacillus plantarum Probio87 Improves Gut Microbial Profiles in HPV-Positive Women: A Randomized, Placebo-Controlled and Double-Blind Study.

**Molecular nutrition & food research , 2025 Aug 30**

Authors Xu P,Mageswary MU,Nisaa AA,Samsudin SB,Rusdi NIBM,Jerip ARA,Oon CE,Sany SB,Tan CS,Zhu ZH,Liong MT

Association of lactose intake and lactase persistence genotype with microbial taxa and function in healthy multi-ethnic U.S. adults.

**Food & function , 2025 Aug 29**

Authors Tang Y,Oliver A,Alkan Z,Korf I,Huang L,Kable ME,Lemay DG

Strain-Specific Lactobacillus Probiotics Intervention in Mitigating Obesity and Metabolic Dysregulation via Gut Microbiota Modulation in a Mouse Model of High-Fat Diet.

**Probiotics and antimicrobial proteins , 2025 Aug 29**

Authors Shad E,Azadikhah F,Shekarfroush S,Nazifi S,Eskandari MH

Effects of Incorporation of Essential Oils in the Jersey Cow Diet on the Quality of Produced Dairy Products (Milk, Cream, and Colonial Cheese).

**Foods (Basel, Switzerland) , Volume: 14 Issue: 16 2025 Aug 11**

Authors da Silva CB,Zampar A,Danieli B,do Nascimento AL,Bavaresco LH,Rigo E,Klein B,Tribst AAL,Dias KKDR,Mayer FQ,Varela APM,Mann M,Frazzon J,Endres CM,Schogor ALB

High-calcium milk improves osteoporosis in postmenopausal women by regulating intestinal flora and steroid hormone biosynthesis.

**Frontiers in nutrition , Volume: 12 2025**

Authors Zhao Y,Li X,Liu Y,Wang Q,Zhao J,Pan H,Chen H,Liu B,Qiao W,Lin L,Jin Y,Chen L

Protective Effects of Pectin From Honey-Processed Hawthorn on Acute Myocardial Ischemia.

**Food science & nutrition , Volume: 13 Issue: 8 2025 Aug**

Authors Li J,Liu M,Zheng Y,Cai Q,Zhang B,Qu Y

A non-pharmacological intervention for insomnia: tryptophan-fructooligosaccharides combination improves sleep in mice via anti-inflammation and gut microbiota modulation.

**Food & function , 2025 Aug 7**

Authors Wong WY,Chan BD,Cho PT,Tai WC

Lactiplantibacillus plantarum MTCC 25433 and Quercetin Blend Ameliorate Benzo[a]pyrene-Induced Gut Dysregulation in a Murine Model.

**Current microbiology , Volume: 82 Issue: 9 2025 Aug 4**

Authors Goyal SP,Chandratre GA,Rawat A,Kondepudi KK,Badgujar PC,Saravanan C

Early-life 2'-Fucosyllactose and its combination with Bifidobacterium bifidum TMC3115: Sex-specific effects in learning, spatial memory, and hyperactivity in juvenile spontaneous hypertensive rats as an attention deficit/hyperactivity disorder model.

**Journal of dairy science , 2025 Jul 31**

Authors Yang Y,Wu S,Liu J,Luo Y,Li J,Wang K,He F,Cheng R

The impact of Bifidobacterium longum CCFM1112 on chronic constipation: a randomised, double-blind, placebo-controlled

study.

**Beneficial microbes** , 2025 Jul 21

Authors Liu W,Wang J,Xue Y,Li J,Huang Y,Zhu S,Wang L,Wang G,Chen W,Zhao J

Multi-omics analyses the effect of Bifidobacterium longum subsp. longum BL21 supplementation on overweight and obese subjects: a randomized, double-blind, placebo-controlled study.

**Nutrition & metabolism** , Volume: 22 Issue: 1 2025 Jul 17

Authors Wang X,Xing Z,Wang R,Zhang G,Liu G,Li Z,Li L

Synbiotic Administration of d-Tagatose and Lactobacillus casei ATCC 393 Improves Hyperlipidemia in BALB/c Mice by Modulating Gut Microbiota and Metabolic Parameters.

**Food science & nutrition** , Volume: 13 Issue: 7 2025 Jul

Authors Cavdar M,Nogay NH,Dincer E,Karabulut D,Onal MG,Bolat S

Physicochemical Properties, Antioxidant and Antibacterial Activities and Anti-Hepatocarcinogenic Effect and Potential Mechanism of Schefflera oleifera Honey Against HepG2 Cells.

**Foods (Basel, Switzerland)** , Volume: 14 Issue: 13 2025 Jul 4

Authors Li J,Wang J,Wang Y,Yang W

Effect of a 6-Month Functional Food Intervention on the Microbiota of Stunted Children in East Nusa Tenggara, Indonesia-A Randomized Placebo-Controlled Parallel Trial.

**Foods (Basel, Switzerland)** , Volume: 14 Issue: 13 2025 Jun 24

Authors Surono IS,Venema K,Martosudarmo S,Kusumo PD

Effects of Dietary Ratio of Insoluble Fiber to Soluble Fiber on Reproductive Performance, Biochemical Parameters, and Fecal Microbial Composition of Gestating Sows.

**Animals : an open access journal from MDPI** , Volume: 15 Issue: 13 2025 Jun 23

Authors Wen X,Wu Q,Gao K,Yang X,Xiao H,Jiang Z,Wang L

The potential of cell-free supernatants from Lactobacillus paracasei B1 and Lactiplantibacillus plantarum O24 as antioxidant and antimicrobial agents.

**Food chemistry** , Volume: 492 Issue: Pt 2 2025 Jul 3

Authors Keska P,Zielinska D,Karbowiak M,Kruk M,Lisiecka U,Stadnik J

Impact of exercise-induced alterations on gut microbiota diversity and composition: comparing effects of different training modalities.

**Cell regeneration (London, England)** , Volume: 14 Issue: 1 2025 Jul 2

Authors Wang Y,Bai S,Yang T,Guo J,Zhu X,Dong Y

Licorice Total Flavonoids and Its Gut-Enriched Lactobacillus plantarum Synergistically Activate the Nrf2 Pathway to Alleviate Liver Injury.

**Journal of agricultural and food chemistry** , 2025 Jul 2

Authors Qu Q,Ma Y,Gao X,Lin Y,Guan Y,Wang Z,Zhang W,Jin W,Guo A,Lv W,Guo S

2'-Fucosyllactose synbiotics with Bifidobacterium bifidum to improve intestinal transcriptional function and gut microbiota in constipated mice.

**Food research international (Ottawa, Ont.)** , Volume: 217 2025 Oct

Authors Shan Y,Zheng M,Liang W,Ouyang L,Wang S

Combined Phytochemical Sulforaphane and Dietary Fiber Inulin Contribute to the Prevention of ER-Negative Breast Cancer via PI3K/AKT/MTOR Pathway and Modulating Gut Microbial Composition.

**Nutrients** , Volume: 17 Issue: 12 2025 Jun 17

Authors Wu H,Witt BL,van der Pol WJ,Morrow CD,Duck LW,Tollefsbol TO

Dietary Supplementation of Zinc Oxide Quantum Dots Protective Against Clostridium perfringens Induced Negative Effects in Broilers.

**Toxins** , Volume: 17 Issue: 6 2025 May 29

Authors Shi L,Niu Q,Xu HH,Huang YX,Zhao YW,Refaie A,Sun LH,Deng ZC

Kudzu resistant starch effectively ameliorates non-alcoholic fatty liver disease by protecting the gut microbiota intestinal barrier and suppressing inflammatory responses.

**Journal of the science of food and agriculture** , 2025 Jun 25

Authors Dong H,Yang X,Zhou Y,Yang M,Zhang H,Liu X,Zhu W

Investigation of the Mitigating Mechanism of Bifidobacterium longum 300 in d-Galactose-Induced Cognitive Impairment in Mice.

**Journal of agricultural and food chemistry** , 2025 Jun 14

Authors Zhang X,Ma X,Zhang J,Nie H,Mu G,Wu X

Dietary Galacto-Oligosaccharides Enhance Growth Performance and Modulate Gut Microbiota in Weaned Piglets: A Sustainable Alternative to Antibiotics.

**Animals : an open access journal from MDPI** , Volume: 15 Issue: 11 2025 May 22

Authors Wang Y,Li Z,Chen G,Xing Y,Wang J,Zhao Y,Kang M,Huang K,Li E,Ma X

2'-Fucosyllactose Modulates the Intestinal Immune Response to Gut Microbiota and Buffers Experimental Colitis in Mice: An Integrating Investigation of Colonic Proteomics and Gut Microbiota Analysis.

**Food science & nutrition** , Volume: 13 Issue: 6 2025 Jun

Authors Dong J,Qian M,Zhou D,Zhu A,Zhang W

Impact of the Probiotic on the Modulation of Vaginal Bacterial and Fungal Microbiota in HPV-Positive Women.

**Molecular nutrition & food research** , 2025 Jun 11

Authors Xu P,Uma Mageswary M,Nisaa AA,Balasubramaniam SD,Samsudin SB,Rusdi NIBM,Jerip ARA,Oon CE,Bakar MHA,Tan JJ,Roslan FF,Kadir MN,Ismail EHBE,Sany SB,Tan CS,Liong MT

Prebiotic potential of wheat and dark rye: modulation of gut microbiota and short-chain fatty acid-producing bacteria.

**Food science and biotechnology** , Volume: 34 Issue: 11 2025 Jul

Authors Kim J,Kim J,Kim G,Kim S,Shin H

High doses of the galactooligosaccharides, 2'-fucosyllactose alleviate immunodeficiency in vitro and in vivo.

**European journal of nutrition** , Volume: 64 Issue: 5 2025 Jun 9

Authors Li X,Li Y,Cheng K,Song T,Wang Y,Zhou H,Xu Y,Chaibou OZ,Wang B,Li H

Impact of Ginger on Gut Microbiota Composition and Function in a Bacteroides-Dominant Enterotype.

**Journal of microbiology and biotechnology** , Volume: 35 2025 May 26

Authors Kim J,Ha J,Kim S,Kim G,Shin H

Lactobacillus plantarum and Galacto-Oligosaccharides Synbiotic Relieve Irritable Bowel Syndrome by Reshaping Gut Microbiota and Attenuating Mast Cell Hyperactivation.

**Nutrients** , Volume: 17 Issue: 10 2025 May 14

Authors Yao Q,Zhang W,Wang Y,Shi L,Zhao Y,Liang J,Zhao Y,Kang J,Zheng X,Guo R,Yuan T,She Y,Liu Z

Bifidobacterium animalis Supplementation Improves Intestinal Barrier Function and Alleviates Antibiotic-Associated Diarrhea in Mice.

**Foods (Basel, Switzerland)** , Volume: 14 Issue: 10 2025 May 11

Authors Du X,Liu M,Li J,Liu Y,Ge S,Gao H,Zhang M

Effects of Exercise on Gut Microbiome and Serum Metabolomics in Post-Traumatic Osteoarthritis Rats.

**Metabolites** , Volume: 15 Issue: 5 2025 May 20

Authors Hao X,Shang X,Zhang Y,Hou W,Chi R,Pan C,Liu J,Deng X,Zhang J,Xu T

Impact of probiotic Lactobacillus plantarum GKM3 on gastrointestinal health in overweight and obese individuals: A randomized clinical trial.

**Clinical nutrition ESPEN** , Volume: 68 2025 May 16

Authors Tsai YS,Lin XB,Lin SW,Chen YL,Hsu CL,Chen CC

The protective effects of propolis against lipopolysaccharide-induced acute liver injury by modulating serum metabolites and gut flora.

**Scientific reports** , Volume: 15 Issue: 1 2025 May 15

Authors Liu Z,Li Z,Guo Y,Li Y,Xuan H

Phytochemical Profile and Biological Activities of Rtanj's Hypericum perforatum Infusion Tea and Methanolic Extracts: Insights from LC-MS/MS and HPTLC-Bioautography.

**Plants (Basel, Switzerland)** , Volume: 14 Issue: 9 2025 May 1

Authors Kilbarda S,Jovic MD,Milincic DD,Vukovic S,Trifkovic JD,Pešić MB,Kostić AŽ

Barley polysaccharides modulate metabolic and mild cognitive impairment in naturally aging mice through the liver-gut-brain axis.

**International journal of biological macromolecules** , 2025 May 6

Authors Fan M,Jiang Y,Cai C,Wang Z,Chen L,Zhang X,Yin H,Hu S,Liu J,Qian Z,Huang S

Type 3 resistant starch prepared from euryale ferox alleviated the obesity symptoms via gut microbiota regulation.

**International journal of biological macromolecules** , 2025 May 5

Authors Zhang Y,Huang J,Qin Y,Chen X,Xu F,Zhu K,Zhang X,Wu Z,Zhang J,Zhang Y

Inulin Modulates Gut Microbiota and Increases Short-Chain Fatty Acids Levels to Inhibit Colon Tumorigenesis in Rat Models: A Systematic Review and Meta-Analysis.

**Journal of food science** , Volume: 90 Issue: 5 2025 May

Authors Yu Y,He J,Fu H,Mi Y,Wu H,Gao Y,Li M

Thyme oil-loaded chitosan microparticles: an antibacterial approach against pathogenic bacteria.

**3 Biotech** , Volume: 15 Issue: 5 2025 May

Authors Thakur A,Sharma K

Dietary resistant starch protects against post-antibiotic intestinal damage by restoring microbial homeostasis and preserving intestinal barrier function in meat duck.

**Poultry science** , Volume: 104 Issue: 7 2025 Apr 24

Authors Qin S,Zhu Y,Tian G,Jensen MB,Zhang K,Ding X,Bai S,Wang J,Xuan Y,Zeng Q

Alleviating Effect of Lactiplantibacillus plantarum HYY-S10 on Colitis in Mice Based on an Analysis of the Immune Axis in the Intestine.

**Microorganisms** , Volume: 13 Issue: 4 2025 Apr 7

Authors Li M,Liu X,Chen W,Xu H,Huang F,Yao Q,Jia X,Huang Y

Effect of a 24-week supervised concurrent exercise intervention on fecal microbiota diversity and composition in young sedentary adults: The ACTIBATE randomized controlled trial.

**Clinical nutrition (Edinburgh, Scotland)** , Volume: 49 2025 Apr 15

Authors Martinez-Tellez B,Xu H,Ortiz-Alvarez L,Rodríguez-García C,Schönke M,Jurado-Fasoli L,Osuna-Prieto FJ,Alcantara JMA,Acosta FM,Amaro-Gahete FJ,Folkerts G,Vilchez-Vargas R,Link A,Plaza-Diaz J,Gil A,Labayen I,Fernandez-Veledo S,Rensen PCN,Ruiz JR

Buckwheat resistant starch alleviates hyperlipidaemia in mice by inhibiting lipid accumulation and regulating gut microbiota.

**International journal of biological macromolecules** , 2025 Apr 22

Authors Tao J,Chen Z,Xie Q,Bai H,Li Z,Jia Y,Zhang X,Xiao Y,Bu T,Yuan M,Li Q,Tang Z

Prevotella copri-mediated caffeine metabolism involves ferroptosis of osteoblasts in osteoarthritis.

**Microbiology spectrum** , 2025 Apr 24

Authors Li F,Wen X,Xue P,Xu H,Wu P,Xu Z,Wang X,Pi G

Human Milk Oligosaccharide Lacto-N-Neotetraose Promotes Gut Microbiota Recovery in the Context of Antibiotic-Induced Dysbiosis.

**Journal of agricultural and food chemistry** , 2025 Apr 17

Authors Pang J,Sa Z,Zhao X,Li J,Bai G,Xia Y

Dry ginger and Schisandra chinensis modulate intestinal flora and bile acid metabolism to treatment asthma.

**Frontiers in microbiology** , Volume: 16 2025

Authors Yu Y,Geng S,Bu C,Cao G,Han Y,Xie D,Hong Y

Supplemental Probiotics, Postbiotics, and Their Combination on the Growth, Slaughter Variables, Organ Development, Intestinal Morphology, and Cecal Microbiota of Broilers.

**Probiotics and antimicrobial proteins** , 2025 Apr 9

Authors Zhu X,Zhang X,Zhang Y,Li F

Antimicrobial and Antiherpetic Properties of Nanoencapsulated Hypericum perforatum Extract.

**Pharmaceuticals (Basel, Switzerland)** , Volume: 18 Issue: 3 2025 Mar 4

Authors Sotirova Y,Ivanova N,Ermenlieva N,Vilhelmova-Ilieva N,Simeonova L,Metodiev M,Gugleva V,Andonova V

Alleviation effects of Lactobacillus plantarum in colitis aggravated by a high-salt diet depend on intestinal barrier protection, NF- $\kappa$ B pathway regulation, and oxidative stress improvement.

**Food & function** , 2025 Mar 20

Authors Chen Y,Liu N,Chen F,Liu M,Mu Y,Wang C,Xia L,Peng M,Zhou M

Immunomodulation of Glycyrrhiza Polysaccharides In Vivo Based on Microbiome and Metabolomics Approaches.

**Foods (Basel, Switzerland)** , Volume: 14 Issue: 5 2025 Mar 4

Authors Wu Y,Sun J,Xie W,Xue S,Li X,Guo J,Shan J,Peng G,Zheng Y

Multi-omics analysis of the mechanism of alfalfa and wheat-induced rumen flatulence in Xizang sheep.

**Microbiology spectrum** , 2025 Mar 7

Authors Wu J,Zhang X,Ayesha K,Khuram S,Cui J,Wang G,Yangzong Z,Shi M,Jiang X,Li L,Liu G,Zhao W,Song T

Maternal dietary inulin intake during late gestation and lactation ameliorates intestinal oxidative stress in piglets with the involvements of gut microbiota and bile acids metabolism.

**Animal nutrition (Zhongguo xu mu shou yi xue hui)** , Volume: 20 2025 Mar

Authors Lu D,Feng C,Pi Y,Ye H,Wu Y,Huang B,Zhao J,Han D,Soede N,Wang J

$\beta$ -Glucan Alone or Combined with Lactobacillus acidophilus Positively Influences the Bacterial Diversity and Metabolites in the Colonic Microbiota of Type II Diabetic Patients.

**Probiotics and antimicrobial proteins** , 2025 Feb 26

Authors Clementino JR,de Oliveira LIG,Salgado MK,de Oliveira FL,Mesa V,Tavares JF,Silva-Pereira L,Raimundo BVB,Oliveira KC,Medeiros AI,Silva FA,Sivieri K,Magnani M

Chemical Characterization and Antibiotic-Enhancing Activity of the Essential Oils of Propolis of Melipona quadrifasciata quadrifasciata.

**Plants (Basel, Switzerland)** , Volume: 14 Issue: 4 2025 Feb 14

Authors Albuquerque ES,Paulo CLR,de Oliveira Borges JA,Gonçalves SA,Alencar GG,Ferreira do Carmo J,de Moraes Almeida AI,Santos MLD,Almeida-Bezerra JW,da Silva LE,Oliveira-Tintino CDM,Coutinho HDM

Diet Supplementation with Pomegranate Fruit Alters Distal Gut Microbiota of Healthy Female College Students.

**Microorganisms** , Volume: 13 Issue: 2 2025 Jan 30

**Authors** Badow B,Shaaban ES,Rajakaruna S,Saleh Z,Abdelaziz SA,Hussein L,Paliy O

Analysis of Polyphenols from Polygala major Jacq.

**Antioxidants (Basel, Switzerland) , Volume: 14 Issue: 2 2025 Jan 27**

**Authors** Yilmazer Keskin S,Avci A,Arif Ali L,Keskin CS

Effect of Food Matrix on Regulation of Intestinal Barrier and Microbiota Homeostasis by Polysaccharides Sulfated Carrageenan.

**Foods (Basel, Switzerland) , Volume: 14 Issue: 4 2025 Feb 14**

**Authors** Shang X,Guo J,Chen P

Gut microbiota modulation and inflammation mitigation in a murine model through a hull-less and purple grain barley genotype.

**Food & function , 2025 Feb 25**

**Authors** Cortijo-Alfonso ME,Laghuaouta H,Pena RN,Martínez M,Yuste S,Rubió-Piqué L,Piñol-Felis C

Correlation between daily physical activity and intestinal microbiota in perimenopausal women.

**Sports medicine and health science , Volume: 7 Issue: 3 2025 May**

**Authors** Zheng Y,Ke J,Song J,Li X,Kuang R,Wang H,Li S,Li Y

Dairy Consumption and the Colonic Mucosa-Associated Gut Microbiota in Humans-A Preliminary Investigation.

**Nutrients , Volume: 17 Issue: 3 2025 Feb 2**

**Authors** Chen E,Ajami NJ,White DL,Liu Y,Gurwara S,Hoffman K,Graham DY,El-Serag HB,Petrosino JF,Jiao L

Isolated White Lupin Proteins Beneficially Modulate the Intestinal Microbiota Composition in Rats.

**Nutrients , Volume: 17 Issue: 3 2025 Jan 31**

**Authors** Rubio LA,Chiesa G

Human milk oligosaccharides 2'-fucosyllactose and 3-fucosyllactose attenuate ovalbumin-induced food allergy through immunoregulation and gut microbiota modulation.

**Food & function , Volume: 16 Issue: 4 2025 Feb 17**

**Authors** Wu S,Chen H,Yu R,Li H,Zhao J,Stanton C,Paul Ross R,Chen W,Yang B

Synergistic defecation effects of Bifidobacterium animalis subsp. lactis BL-99 and fructooligosaccharide by modulating gut microbiota.

**Frontiers in immunology , Volume: 15 2024**

**Authors** Zhang Q,Zhao W,Luo J,Shi S,Niu X,He J,Wang Y,Zeng Z,Jiang Q,Fang B,Chen J,Li Y,Wang F,He J,Guo J,Zhang M,Zhang L,Ge S,Hung WL,Wang R

Comparative Evaluation of Different Mint Species Based on Their In Vitro Antioxidant and Antibacterial Effect.

**Plants (Basel, Switzerland) , Volume: 14 Issue: 1 2025 Jan 2**

**Authors** Sfaxi A,Tavaszi-Sárosi S,Flórián K,Patonay K,Radácsi P,Juhász Á

Chemical Characterization and Antimicrobial Activity of Green Propolis from the Brazilian Caatinga Biome.

**Plants (Basel, Switzerland) , Volume: 13 Issue: 24 2024 Dec 21**

**Authors** Aldana-Mejía JA,Ribeiro VP,Katragunta K,Avula B,Tatapudi KK,Bastos JK,Khan IA,Meepagala K,Ross SA

Determination of antibacterial and antioxidant potential of organic crude extracts from Malus domestica, Cinnamomum verum and Trachyspermum ammi.

**Scientific reports , Volume: 15 Issue: 1 2025 Jan 6**

**Authors** Irshad A,Jawad R,Mushtaq Q,Spalletta A,Martin P,Ishtiaq U

Inulin alleviates chronic ketamine-induced impairments in memory and prepulse inhibition by regulating the gut microbiota, inflammation, and kynurenine pathway.

**International journal of biological macromolecules , Volume: 294 2025 Mar**

**Authors** Xu Z,Lu H,Hu C,Wen Y,Shang D,Gan T,Guo Z,Dai L,Luo Y

Oral administration of Bifidobacterium longum and Bifidobacterium infantis ameliorates cefcapene pivoxil-induced attenuation of anti-programmed cell death protein-1 antibody action in mice.

**Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 182 2025 Jan**

**Authors** Funayama E,Hosonuma M,Tajima K,Isobe J,Baba Y,Murayama M,Narikawa Y,Toyoda H,Tsurui T,Maruyama Y,Sasaki A,Amari Y,Yamazaki Y,Nakashima R,Uchiyama J,Nakano R,Shida M,Sasaki A,Udaka Y,Oguchi T,Sambe T,Kobayashi S,Tsuji M,Kiuchi Y,Kim YG,Wada S,Tsunoda T,Akiyama M,Nobe K,Kuramasu A,Yoshimura K

Study on the Mechanism of Bifidobacterium animalis subsp. lactis F1-3-2 Regulating Bile Acid Metabolism Through TMA-TMAO Pathway to Improve Atherosclerosis.

**Probiotics and antimicrobial proteins , 2024 Dec 21**

**Authors** Zheng X,Zhang Z,Shan T,Zhao M,Lu H,Zhang L,Liang X

Antimicrobial activities of seasonally collected bee products: honey, propolis, royal jelly, venom, and mellitin.

**Brazilian journal of biology = Revista brasileira de biologia , Volume: 84 2024**

**Authors** Obeidat M,Haddad MA,Ghnamat SA

Clinical Efficacy of Probiotics for Allergic Rhinitis: Results of an Exploratory Randomized Controlled Trial.

**Nutrients** , Volume: 16 Issue: 23 2024 Nov 30

Authors Lungaro L,Malfa P,Manza F,Costanzini A,Valentini G,Squarzanti DF,Viciani E,Velichevskaya A,Castagnetti A,Barbalinardo M,Gentili D,Cariani A,Ghisellini S,Caputo F,De Giorgio R,Caio G

A Novel Supplement Consisting of Rice, Silkworm Pupae and a Mixture of Ginger and Holy Basil Improves Post-Stroke Cognitive Impairment.

**Nutrients** , Volume: 16 Issue: 23 2024 Nov 29

Authors Thongwong P,Wattanathorn J,Thukham-Mee W

Compositional Variations in Wheat Bran Influence Growth Performance, Nutrient Retention, and Cecal Microbiome in Broilers.

**Animals : an open access journal from MDPI** , Volume: 14 Issue: 23 2024 Nov 26

Authors Feng Y,Jiao S,Zhang Y,Liu Y,Zhao F,Wang Y,Sa R,Xie J

Polyphenols-rich Portulaca oleracea L. (purslane) alleviates ulcerative colitis through restoring the intestinal barrier, gut microbiota and metabolites.

**Food chemistry** , Volume: 468 2025 Mar 15

Authors Li Z,Chu T,Sun X,Zhuang S,Hou D,Zhang Z,Sun J,Liu Y,Li J,Bian Y

Effect of ozonation on the phytochemicals of black seed oil and its anti-microbial, anti-oxidant, anti-inflammatory, and anti-neoplastic activities in vitro.

**Scientific reports** , Volume: 14 Issue: 1 2024 Dec 11

Authors Al-Rajhi AMH,Abdelghany TM,Almuhayawi MS,Alruhaili MH,Saddiq AA,Baghdadi AM,Al Jaouni SK,Albasri HM,Waznah MS,Alraddadi FA,Selim S

Zinc oxide nanoparticles improve lactation and metabolism in dairy goats by modulating the rumen microbiota.

**Frontiers in microbiology** , Volume: 15 2024

Authors Xie S,Ying Z,Xiu Z,Sun Y,Yang Q,Gao H,Fan W,Wu Y

Microencapsulation of Azadirachta indica oil and Tinospora cordifolia extracts blend for single-use applications.

**Heliyon** , Volume: 10 Issue: 20 2024 Oct 30

Authors Khan O,Chandra Das S,Bedoura S

Maternal supplementation with konjac glucomannan and ?-carrageenan promotes sow performance and benefits the gut barrier in offspring.

**Animal nutrition (Zhongguo xu mu shou yi xue hui)** , Volume: 19 2024 Dec

Authors Gao F,Du Y,Liu H,Ding H,Zhang W,Li Z,Shi B

Gut microbiota and mycobiota change with feeding duration in mice on a high-fat and high-fructose diet.

**BMC microbiology** , Volume: 24 Issue: 1 2024 Nov 29

Authors Zheng R,Xiang X,Shi Y,Xie J,Xing L,Zhang T,Zhou Z,Zhang D

Chitin promotes equol production via n-acetylglucosamine in human fecal cultures.

**Anaerobe** , Volume: 91 2024 Nov 26

Authors Kadera M,Nakamura K,Yokoyama S

Effect of Postbiotic Bifidobacterium longum CECT 7347 on Gastrointestinal Symptoms, Serum Biochemistry, and Intestinal Microbiota in Healthy Adults: A Randomised, Parallel, Double-Blind, Placebo-Controlled Pilot Study.

**Nutrients** , Volume: 16 Issue: 22 2024 Nov 19

Authors Naghibi M,Pont-Beltran A,Lamelas A,Llobregat L,Martinez-Blanch JF,Rojas A,Álvarez B,López Plaza B,Arcos Castellanos L,Chenoll E,Vijayakumar V,Day R

GC-MS Characterization and Bioactivity Study of Eucalyptus globulus Labill. (Myrtaceae) Essential Oils and Their Fractions: Antibacterial and Antioxidant Properties and Molecular Docking Modeling.

**Pharmaceuticals (Basel, Switzerland)** , Volume: 17 Issue: 11 2024 Nov 19

Authors Ait Benlabchir A,Fikri-Benbrahim K,Moutawalli A,Alanazi MM,Halmoune A,Benkhouili FZ,Oubihi A,Kabra A,Hanoune E,Assila H,Quaritini ZB

Zingiber officinale Uncovered: Integrating Experimental and Computational Approaches to Antibacterial and Phytochemical Profiling.

**Pharmaceuticals (Basel, Switzerland)** , Volume: 17 Issue: 11 2024 Nov 19

Authors Sulieman AME,Ibrahim SM,Alshammari M,Abdulaziz F,Idriss H,Alanazi NAH,Abdallah EM,Siddiqui AJ,Shommo SAM,Jamal A,Badraoui R

Tea Polyphenols Reduced Obesity by Modulating Gut Microbiota-SCFAs-Barrier and Inflammation in High-Fat Diet-Induced Mice.

**Molecular nutrition & food research** , Volume: 68 Issue: 24 2024 Dec

Authors Tian B,Huang P,Pan Y,Gu H,Yang K,Wei Z,Zhang X

Galacto-oligosaccharides regulate intestinal mucosal sialylation to counteract antibiotic-induced mucin dysbiosis.

**Food & function** , Volume: 15 Issue: 24 2024 Dec 9

Authors Xu L,Li X,Han S,Mu C,Zhu W

Bifidobacterium longum BL-19 inhibits oxidative stress and inflammatory damage in the liver of mice with NAFLD by regulating the production of butyrate in the intestine.

**Food science & nutrition** , Volume: 12 Issue: 9 2024 Sep

Authors Zhang X,Xu J,Dong X,Tang J,Xie Y,Yang J,Zou L,Wu L,Fan J

Correlation between intestinal microbiota and urolithin metabolism in a human walnut dietary intervention.

**BMC microbiology** , Volume: 24 Issue: 1 2024 Nov 15

Authors Liu H,Birk JW,Provatas AA,Vaziri H,Fan N,Rosenberg DW,Gharaibeh RZ,Jobin C

High barley intake in non-obese individuals is associated with high natto consumption and abundance of butyrate-producing bacteria in the gut: a cross-sectional study.

**Frontiers in nutrition** , Volume: 11 2024

Authors Maruyama S,Matsuoka T,Hosomi K,Park J,Murakami H,Miyachi M,Kawashima H,Mizuguchi K,Kobayashi T,Ooka T,Yamagata Z,Kunisawa J

Impact of resistant starch type 3 on fecal microbiota and stool frequency in Thai adults with chronic constipation randomized clinical trial.

**Scientific reports** , Volume: 14 Issue: 1 2024 Nov 14

Authors Luk-In S,Leepiyasakulchai C,Saelee C,Keeratchamroen A,Srisangwan N,Ponprachanuvut P,Chammari K,Chatsuwan T,Wannigama DL,Shein AMS,Kueakulpattana N,Srisakul S,Sranacharoenpong K

Timing Matters: Late, but Not Early, Exercise Training Ameliorates MASLD in Part by Modulating the Gut-Liver Axis in Mice.

**Journal of pineal research** , Volume: 76 Issue: 8 2024 Dec

Authors Kovynev A,Ying Z,Zhang S,Olgıati E,Lambooij JM,Visentin C,Guigas B,Ducarmon QR,Rensen PCN,Schönke M

Associations of alcohol intake with gut microbiome: a prospective study in a predominantly low-income Black/ African American population.

**The American journal of clinical nutrition** , 2024 Nov 11

Authors Liu L,Nguyen SM,Wang L,Shi J,Long J,Cai Q,Shrubsole MJ,Shu XO,Zheng W,Yu D

Oral administration of cranberry-derived exosomes attenuates murine premature ovarian failure in association with changes in the specific gut microbiota and diminution in ovarian granulosa cell PANoptosis.

**Food & function** , Volume: 15 Issue: 23 2024 Nov 25

Authors Cui Z,Liu T,Wen Y,Li W,Xu J,Chen Y,Chen D,Zhu Y

The Impact of Fermented Milk Products Containing Bifidobacterium longum BB536 on the Gut Environment: A Randomized Double-Blind Placebo-Controlled Trial.

**Nutrients** , Volume: 16 Issue: 21 2024 Oct 22

Authors Ejima R,Mishima R,Sen A,Yamaguchi K,Mitsuyama E,Kaneko H,Kimura M,Arai S,Muto N,Hiraku A,Kato K,Kuwano Y,Maruyama H,Nakamura M,Iwabuchi N,Nakano M,Odamaki T,Tanaka M

Six months of different exercise type in sedentary primary schoolchildren: impact on physical fitness and saliva microbiota composition.

**Frontiers in nutrition** , Volume: 11 2024

Authors Mancini A,Vitucci D,Lasorsa VA,Lupo C,Brustio PR,Capasso M,Orrù S,Rainoldi A,Schena F,Buono P

Pediococcus pentosaceus RC007 and Saccharomyces boulardii RC009 as antibiotic alternatives for gut health in post-weaning pigs.

**Journal of applied microbiology** , 2024 Nov 5

Authors Parada J,Magnoli A,Poloni V,Isgro MC,Cavaglieri LR,Luna MJ,Carranza A,Cavaglieri L

Efficacy of Bismuth Quadruple Therapy in the Treatment of Helicobacter pylori-Infected Peptic Ulcer Children in Vietnam.

**Helicobacter** , Volume: 29 Issue: 6 2024 Nov-Dec

Authors Do TMP,Tran THT,Nguyen VT,Chu TPM,Nguyen L,Nguyen KT,Hoang TBN,Phuong ALH,Yamaoka Y,Olson L,Nguyen TVH

Effects of Lactobacillus spp. on Helicobacter pylori: A Promising Frontier in the Era of Antibiotic Resistance.

**Probiotics and antimicrobial proteins** , 2024 Nov 5

Authors Dash D,Mishra V,Panda MK,Pathak SK

Growth assessment of mixed cultures of probiotics and common pathogens.

**Anaerobe** , 2023 Oct 28

Authors Fredua-Agyeman M,Stapleton P,Gaisford S

Microbiota-Focused Dietary Approaches to Support Health: A Systematic Review.

**The Journal of nutrition** , Volume: 155 Issue: 2 2025 Feb

Authors Hindle VK,Veasley NM,Holscher HD

Gastroprotective effects of Pediococcus acidilactici GKA4 and Lactobacillus brevis GKL93 against ethanol-induced gastric ulcers via regulation of the immune response and gut microbiota in mice.

**Food & function** , Volume: 15 Issue: 23 2024 Nov 25

Authors Huang YE,Chen SY,Li TJ,Tsai YS,Chen CC,Yen GC

Effect of probiotic supplementation combined with bismuth-containing quadruple therapy on gut microbiota during

Helicobacter pylori eradication: a randomized, double-blind, placebo-controlled trial.

**Frontiers in nutrition** , Volume: 11 2024

Authors Han Z,Li Y,Nan X,Zhou T,Li L,Li Y

Human milk oligosaccharides and milk fat globule membrane reduce allergic reactions in mice through the modulation of gut microbiota and metabolic functions.

**Food & function** , Volume: 15 Issue: 22 2024 Nov 11

Authors Chen X,Yang S,Guo Z,Li B,Wang Z,Jiang L

Evaluation of anti-biofilm and anti-virulence effect of zinc sulfate on Staphylococcus aureus isolates.

**Scientific reports** , Volume: 14 Issue: 1 2024 Oct 28

Authors Abdelraheem WM,Kamel HS,Gamil AN

Bifidogenic Effect of Human Milk Oligosaccharides on Pediatric IBD Fecal Microbiota.

**Microorganisms** , Volume: 12 Issue: 10 2024 Sep 30

Authors Otaru N,Bajic D, Van den Abbeele P,Vande Velde S, Van Biervliet S,Steinert RE,Rehman A

Wheat bran oil ameliorates high-fat diet-induced obesity in rats with alterations in gut microbiota and liver metabolite profile.

**Nutrition & metabolism** , Volume: 21 Issue: 1 2024 Oct 25

Authors Yan H,Kuerbanjiang M,Muheyati D,Yang Z,Han J

Synergistic Effect of Metronidazole and Chlorhexidine against Porphyromonas gingivalis Growth: An In Vitro Study.

**Dentistry journal** , Volume: 12 Issue: 10 2024 Sep 27

Authors Lorenzi C,Lio F,Mazzetti V,Carosi P,Lamelza S,Pistoia ES,Pica F,Gaziano R

Antimicrobial Activity of Honey and Propolis from Alba County, Romania.

**Antibiotics (Basel, Switzerland)** , Volume: 13 Issue: 10 2024 Oct 10

Authors Vica ML,Glevitzky M,Dumitrel GA,Popa M,Glevitzky I,Teodoru CA

Characterization of thyme essential oil microcapsules and potato starch/pectin composite films and their impact on the quality of chilled mutton.

**Food chemistry** , Volume: 464 Issue: Pt 2 2025 Feb 1

Authors Wang J,Li L,Li Y,Song Q,Hu Y,Wang Q,Lu S

Effect of Endurance Exercise Training on Gut Microbiota and ER Stress.

**International journal of molecular sciences** , Volume: 25 Issue: 19 2024 Oct 5

Authors Yoon EJ, Lee SR,Ortutu BF,Kim JO,Jaiswal V,Baek S,Yoon SI, Lee SK,Yoon JH, Lee HJ, Cho JA

Effects of xylo-oligosaccharide supplementation on the production performance, intestinal morphology, cecal short-chain fatty acid levels, and gut microbiota of laying hens.

**Poultry science** , Volume: 103 Issue: 12 2024 Dec

Authors Xiong S,Zhang K,Wang J,Bai S,Zeng Q,Liu Y,Peng H,Xuan Y,Mu Y,Tang X,Ding X

Effects of pomegranate exocarp extract on H. pylori-induced pancreatic EMT: Molecular mechanisms and therapeutic potential.

**Cellular signalling** , Volume: 124 2024 Dec

Authors Abo-Saif MA,AI-Ashmawy GM,Ragab AE,AI-Madboly LA,Mehany ABM,EI-Afify SR

Potato resistant starch improves type 2 diabetes by regulating inflammation, glucose and lipid metabolism and intestinal microbial environment.

**International journal of biological macromolecules** , Volume: 281 Issue: Pt 3 2024 Nov

Authors Liu X, Ma Q,Feng Y,Wang F,Wang W,Wang J,Sun J

Efficacy of Bismuth Therapy in Eradicating Helicobacter pylori in Children-Data From the RENIHp Registry.

**Helicobacter** , Volume: 29 Issue: 5 2024 Sep-Oct

Authors Botija G,Galicia G,Martínez B,Cuadrado C,Soria M,Fernández S,Urruzuno P,Cilleruelo ML,SEGHN P. pylori Working Group

Systematic Review and Meta-Analysis: Bismuth Enhances the Efficacy for Eradication of Helicobacter pylori.

**Helicobacter** , Volume: 29 Issue: 5 2024 Sep-Oct

Authors Reum Choe A,Tae CH,Choi M,Shim KN,Jung HK

Effects of iron supplements and iron-containing micronutrient powders on the gut microbiome in Bangladeshi infants: a randomized controlled trial.

**Nature communications** , Volume: 15 Issue: 1 2024 Oct 5

Authors Baldi A,Braat S,Hasan MI,Bennett C,Barrios M,Jones N,Abdul Azeez I,Wilcox S,Roy PK,Bhuiyan MSA,Ataide R,Clucas D,Larson LM,Hamadani J,Zimmermann M,Bowden R,Jex A,Biggs BA,Pasricha SR

Lactobacillus acidophilus CICC 6075 attenuates high-fat diet-induced obesity by improving gut microbiota composition and histidine biosynthesis.

**Bioscience of microbiota, food and health** , Volume: 43 Issue: 4 2024

Authors Zhang S,Yang S,Zhuang Y,Yang D,Gu X,Wang Y,Wang Z,Chen R,Yan F

Gastrointestinal microbiota and metabolites responses to dietary cereal grains in an adult pig model.

**Frontiers in microbiology , Volume: 15 2024**

Authors Feng G,Deng M,Li R,Hou G,Ouyang Q,Jiang X,Liu X,Tang H,Chen F,Pu S,Wan D,Yin Y

Combination of Lactiplantibacillus Plantarum ELF051 and Astragalus Polysaccharides Improves Intestinal Barrier Function and Gut Microbiota Profiles in Mice with Antibiotic-Associated Diarrhea.

**Probiotics and antimicrobial proteins , 2024 Oct 1**

Authors Zhong B,Liang W,Zhao Y,Li F,Zhao Z,Gao Y,Yang G,Li S

Novel approach for ameliorating high-fat diet-induced syndromes via probiotic-fermented oyster mushroom: from metabolites and microbiota to regulation mechanisms.

**Food & function , Volume: 15 Issue: 20 2024 Oct 14**

Authors Dai Z,Lin Y,Chen G,Yu P,Wu H,Ning M,Blanchard C,Zhou Z

Substitutive Effects of Milk vs. Vegetable Milk on the Human Gut Microbiota and Implications for Human Health.

**Nutrients , Volume: 16 Issue: 18 2024 Sep 14**

Authors Mondragón Portocarrero ADC,Lopez-Santamarina A,Lopez PR,Ortega ISI,Duman H,Karav S,Miranda JM

Candidate-Probiotic Lactobacilli and Their Postbiotics as Health-Benefit Promoters.

**Microorganisms , Volume: 12 Issue: 9 2024 Sep 19**

Authors Dobрева L,Atanasova N,Donchev P,Krumova E,Abrashev R,Karakirova Y,Mladenova R,Tolchkov V,Ralchev N,Dishliyska V,Danova S

Impacts of Whole-Grain Soft Red, Whole-Grain Soft White, and Refined Soft White Wheat Flour Crackers on Gastrointestinal Inflammation and the Gut Microbiota of Adult Humans.

**Biology , Volume: 13 Issue: 9 2024 Aug 30**

Authors Kinney GA,Haddad EN,Gopalakrishnan N,Sugino KY,Garrow LS,Ng PKW,Comstock SS

Antimicrobial effect of combined preservatives using chestnut inner shell, cinnamon, and e-poly-lysine against food-poisoning bacteria Staphylococcus aureus.

**Food science and biotechnology , Volume: 33 Issue: 14 2024 Nov**

Authors Lee NK,Park YJ,Kang CE,Kim JH,Shin D,Lee DH,Paik HD

Identification of dietary factors that impact the gut microbiota associated with vitiligo: A Mendelian randomization study and meta-analysis.

**Experimental dermatology , Volume: 33 Issue: 9 2024 Sep**

Authors Zhang K,Jiang L,Fu C,Huang J,Wen Y,Zhou S,Huang J,Chen J,Zeng Q

Lactobacillus plantarum alleviates high-fat diet-induced obesity by altering the structure of mice intestinal microbial communities and serum metabolic profiles.

**Frontiers in microbiology , Volume: 15 2024**

Authors Zhu J,Liu X,Liu N,Zhao R,Wang S

In vitro and ex vivo metabolism of chemically diverse fructans by bovine rumen Bifidobacterium and Lactobacillus species.

**Animal microbiome , Volume: 6 Issue: 1 2024 Sep 9**

Authors King ML,Xing X,Reintjes G,Klassen L,Low KE,Alexander TW,Waldner M,Patel TR,Wade Abbott D

Bacillus licheniformis suppresses Clostridium perfringens infection via modulating inflammatory response, antioxidant status, inflammasome activation and microbial homeostasis in broilers.

**Poultry science , Volume: 103 Issue: 11 2024 Aug 21**

Authors Xiao X,Qin S,Cui T,Liu J,Wu Y,Zhong Y,Yang C

Effects of inulin on intestinal flora and metabolism-related indicators in obese polycystic ovary syndrome patients.

**European journal of medical research , Volume: 29 Issue: 1 2024 Aug 31**

Authors Li X,Jiang B,Gao T,Nian Y,Bai X,Zhong J,Qin L,Gao Z,Wang H,Ma X

Heat-killed Bifidobacterium longum BBMN68 and inulin protect against high-fat diet-induced obesity by modulating gut microbiota.

**Frontiers in nutrition , Volume: 11 2024**

Authors Sun S,Zhang Q,Li D,Li H,Ma H,Wu X,Li Y,Wang P,Liu R,Feng H,Zhang Y,Sang Y,Fang B,Wang R

Effects of Physical Exercise on the Microbiota in Irritable Bowel Syndrome.

**Nutrients , Volume: 16 Issue: 16 2024 Aug 11**

Authors Li C,Li J,Zhou Q,Wang C,Hu J,Liu C

Effect of Saccharomyces boulardii on Liver Diseases: A Systematic Review.

**Microorganisms , Volume: 12 Issue: 8 2024 Aug 15**

Authors Maslennikov R,Benuni N,Levshina A,Adzhieva F,Demina T,Kucher A,Pervushova E,Yuryeva E,Poluektova E,Zolnikova O,Kozlov E,Sigidaev A,Ivashkin V

The Effects of Aspirin Intervention on Inflammation-Associated Lingual Bacteria: A Pilot Study from a Randomized Clinical Trial.

**Microorganisms , Volume: 12 Issue: 8 2024 Aug 7**

Authors Onyeaghala GC, Sharma S, Oyenuga M, Staley CM, Milne GL, Demmer RT, Shaukat A, Thyagarajan B, Straka RJ, Church TR, Prizment AE

[Effects of Mint Oils on the Human Oral Microbiome: A Pilot Study.](#)

**Microorganisms** , Volume: 12 Issue: 8 2024 Jul 27

Authors Abdelrahman SM, El Samak M, El-Baz LMF, Hanora AMS, Satyal P, Dosoky NS

[In Vitro and In Silico Studies of the Antimicrobial Activity of Prenylated Phenylpropanoids of Green Propolis and Their Derivatives against Oral Bacteria.](#)

**Antibiotics (Basel, Switzerland)** , Volume: 13 Issue: 8 2024 Aug 22

Authors Vieira TM, Barco JG, de Souza SL, Santos ALO, Daoud I, Rahali S, Amdouni N, Bastos JK, Martins CHG, Ben Said R, Crotti AEM

[Lactocaseibacillus casei- and Bifidobacterium breve-fermented red pitaya promotes beneficial microbial proliferation in the colon.](#)

**Food & function** , Volume: 15 Issue: 18 2024 Sep 16

Authors Cao L, Wan M, Xian Z, Zhou Y, Dong L, Huang F, Su D

[Gut microbiome related to metabolic diseases after moderate-to-vigorous intensity exercise.](#)

**Journal of exercise science and fitness** , Volume: 22 Issue: 4 2024 Oct

Authors Yun S, Seo Y, Lee Y, Lee DT

[Epicatechin and  \$\beta\$ -glucan from whole highland barley grain ameliorates hyperlipidemia associated with attenuating intestinal barrier dysfunction and modulating gut microbiota in high-fat-diet-fed mice.](#)

**International journal of biological macromolecules** , Volume: 278 Issue: Pt 3 2024 Oct

Authors Liu Z, Tang R, Liu J, Zhang Z, Li Y, Zhao R

[Interactions between soluble dietary fibers from three edible fungi and gut microbiota.](#)

**International journal of biological macromolecules** , Volume: 278 Issue: Pt 3 2024 Oct

Authors Dong H, Zhuang H, Yu C, Zhang X, Feng T

[Yeast mixture supplementation modulates faecal microbiota and ileum morphology of weaning pigs.](#)

**Animal : an international journal of animal bioscience** , Volume: 18 Issue: 9 2024 Sep

Authors Sandrini S, Perricone V, Cremonesi P, Castiglioni B, Biscarini F, Verdile N, Brevini T, Comi M, Jiang X, Agazzi A

[Empirical Therapy Versus Tailored Therapy of Helicobacter pylori in Korea: Results of the K-CREATE Study.](#)

**Helicobacter** , Volume: 29 Issue: 4 2024 Jul-Aug

Authors Kim JS, Kim BW, Kim JJ, Chung WC, Jung SW, Bang CS, Kim GH, Jeon SW, Joo MK, Lee SH, Lim YJ, Sung JK, Seo SY, Park SY, Lee WS, Lee HL, Kim KB, Kim HU

[Propolis as a functional food and promising agent for oral health and microbiota balance: A review study.](#)

**Food science & nutrition** , Volume: 12 Issue: 8 2024 Aug

Authors Etebarian A, Alhouei B, Mohammadi-Nasrabadi F, Esfarjani F

[Effects of varying wheat levels on growth performance, intestinal barrier, and cecal microbiota of broilers.](#)

**Frontiers in veterinary science** , Volume: 11 2024

Authors Wang L, Wei B, Si X, Huang Y, Zhang H, Chen W

[Alginate Oligosaccharides Enhance Antioxidant Status and Intestinal Health by Modulating the Gut Microbiota in Weaned Piglets.](#)

**International journal of molecular sciences** , Volume: 25 Issue: 15 2024 Jul 23

Authors Liu M, Deng X, Zhao Y, Everaert N, Zhang H, Xia B, Schroyen M

[The alleviative effects of viable and inactive Lactobacillus paracasei CCFM1120 against alcoholic liver disease via modulation of gut microbiota and the Nrf2/HO-1 and TLR4/MyD88/NF- \$\kappa\$ B pathways.](#)

**Food & function** , Volume: 15 Issue: 17 2024 Aug 27

Authors Niu B, Feng Y, Cheng X, Xiao Y, Zhao J, Lu W, Tian F, Chen W

[Postbiotics from Saccharomyces cerevisiae fermentation stabilize microbiota in rumen liquid digesta during grain-based subacute ruminal acidosis \(SARA\) in lactating dairy cows.](#)

**Journal of animal science and biotechnology** , Volume: 15 Issue: 1 2024 Aug 1

Authors Guo J, Zhang Z, Guan LL, Yoon I, Plaizier JC, Khafipour E

[Exploring the anti-inflammatory effects of postbiotic proteins from Lactobacillus delbrueckii CIDCA 133 on inflammatory bowel disease model.](#)

**International journal of biological macromolecules** , Volume: 277 Issue: Pt 2 2024 Jul 26

Authors Freitas ADS, Barroso FAL, Campos GM, Américo MF, Viegas RCDS, Gomes GC, Vital KD, Fernandes SOA, Carvalho RDO, Jardim J, Miranda APGDS, Ferreira E, Martins FS, Laguna JG, Jan G, Azevedo V, de Jesus LCL

[Lactocaseibacillus casei IB1 Alleviates DSS-Induced Inflammatory Bowel Disease by Regulating the Microbiota and Restoring the Intestinal Epithelial Barrier.](#)

**Microorganisms** , Volume: 12 Issue: 7 2024 Jul 6

Authors Lao J, Yan S, Yong Y, Li Y, Wen Z, Zhang X, Ju X, Li Y

[The Contrasting Effects of Two Distinct Exercise Training Modalities on Exhaustive Exercise-Induced Muscle Damage in Mice](#)

May Be Associated with Alterations in the Gut Microbiota.

**International journal of molecular sciences** , Volume: 25 Issue: 14 2024 Jul 17

Authors Zhang Y,Wang C,Lang H,Yu H,Zhou M,Rao X,Zhang Q,Yi L,Zhu J,Mi M

In Vitro Antimicrobial Potential of Portuguese Propolis Extracts from Gerês against Pathogenic Microorganisms.

**Antibiotics (Basel, Switzerland)** , Volume: 13 Issue: 7 2024 Jul 16

Authors Oliveira RD,Araújo C,Almeida-Aguiar C

Enhancing gut microbiota and microbial function with inulin supplementation in children with obesity.

**International journal of obesity (2005)** , 2024 Jul 20

Authors Visuthranukul C,Sriswasdi S,Tepaamorndech S,Chamni S,Leelahavanichkul A,Joyjinda Y,Aksornkitti V,Chomtho S

Effects of combined treatment with hydrogen-rich electrolyzed water and tea polyphenols on oxidative stress, intestinal injury and intestinal flora disruption in heat-stressed mice.

**Journal of thermal biology** , Volume: 123 2024 Jul

Authors Zang Y,Zhang B,Zhang G,Hu J,Shu D,Han J,Hu M,Tu M,Qiao W,Liu R,Zang Y

Effects of dietary zinc on the gut microbiome and resistome of the gestating cow and neonatal calf.

**Animal microbiome** , Volume: 6 Issue: 1 2024 Jul 19

Authors Drake MJ,Daniel SG,Baker LD,Indugu N,Bittinger K,Dickens C,Zackular JP,Pitta D,Redding LE

Effects of Lactiplantibacillus plantarum CCFM1214 and Ligilactobacillus salivarius CCFM1215 on halitosis: a double-blind, randomized controlled trial.

**Food & function** , 2024 Jul 19

Authors Ding L,Wang Y,Jiang Z,Tang X,Mao B,Zhao J,Chen W,Zhang Q,Cui S

Modulation of Human Gut Microbiota In Vitro by Inulin-Type Fructan from Codonopsis pilosula Roots.

**Indian journal of microbiology** , Volume: 64 Issue: 2 2024 Jun

Authors Li J,Cao L, Ji J, Shen M, Gao J

Apple polysaccharide improves age-matched cognitive impairment and intestinal aging through microbiota-gut-brain axis.

**Scientific reports** , Volume: 14 Issue: 1 2024 Jul 13

Authors Zhang W,Zhong Y,Wang Z,Tang F,Zheng C

Barley polysaccharides inhibit colorectal cancer by two relatively independent pathways.

**International journal of biological macromolecules** , Volume: 277 Issue: Pt 3 2024 Oct

Authors Zhang C,Li L,Lin J,Luo J,Liu L,Peng X

Effects of Steviol Glycosides on Growth Performance, Ruminal Fermentation and Microbial Diversity of Hu Sheep.

**Animals : an open access journal from MDPI** , Volume: 14 Issue: 13 2024 Jul 5

Authors Zhang J,Li X,Sha Y,Wang Z,Qi S,Zhang X,Zhao S,Jiao T

Sucralose Influences the Productive Performance, Carcass Traits, Blood Components, and Gut Microflora Using 16S rRNA Sequencing of Growing APRI-Line Rabbits.

**Animals : an open access journal from MDPI** , Volume: 14 Issue: 13 2024 Jun 29

Authors El-Tahan HM,Elmasry ME,Madian HA,Alhimaidi AR,Kim IH,Park JH,El-Tahan HM

Unlocking the therapeutic potential of Nigella sativa extract: phytochemical analysis and revealing antimicrobial and antioxidant marvels.

**BMC complementary medicine and therapies** , Volume: 24 Issue: 1 2024 Jul 12

Authors Rahman AU,Abdullah A,Faisal S,Mansour B,Yahya G

Microencapsulated Lactobacillus plantarum promotes intestinal development through gut colonization of layer chicks.

**Animal nutrition (Zhongguo xu mu shou yi xue hui)** , Volume: 18 2024 Sep

Authors Cui Y,Liu Y,Yang J,Duan H,Wang P,Guo L,Guo Y,Li S,Zhao Y,Wang J,Qi G,Guan J

Inhibitory effect of polyphenols from sumac, pomegranate and Indian almond on urease producing bacteria and jack bean urease activity.

**International journal of biological macromolecules** , Volume: 276 Issue: Pt 1 2024 Sep

Authors Haq MA,Nazir M,Jabeen G,Jabeen N,Naz S,Nawaz H,Xu J

Modulation of human gut microbiota by linear and branched fructooligosaccharides in an in vitro colon model (TIM-2).

**Journal of applied microbiology** , Volume: 135 Issue: 7 2024 Jul 2

Authors Popov IV,Koopmans B,Venema K

Changes in the rumen development, rumen fermentation, and rumen microbiota community in weaned calves during steviol glycosides treatment.

**Frontiers in microbiology** , Volume: 15 2024

Authors Wang K,Jiang M,Chen Y,Huang Y,Cheng Z,Datsomor O,Jama SM,Zhu L,Li Y,Zhao G,Lin M

Indole-3-Lactic Acid Derived from Lactocaseibacillus paracasei Inhibits Helicobacter pylori Infection via Destruction of Bacteria Cells, Protection of Gastric Mucosa Epithelial Cells, and Alleviation of Inflammation.

**Journal of agricultural and food chemistry** , Volume: 72 Issue: 28 2024 Jul 17

Authors Yao M,Cao J,Zhang L,Wang K,Lin H,Qin L,Zhang Q,Qu C,Miao J,Xue C

Effect of Lactacaseibacillus casei LC2W Supplementation on Glucose Metabolism and Gut Microbiota in Subjects at High Risk of Metabolic Syndrome: A Randomized, Double-blinded, Placebo-controlled Clinical Trial.

**Probiotics and antimicrobial proteins** , 2024 Jul 2

Authors Wang D,Wang X,Han J,You C,Liu Z,Wu Z

Probiotic Lactobacillus rhamnosus GG improves insulin sensitivity and offspring survival via modulation of gut microbiota and serum metabolite in a sow model.

**Journal of animal science and biotechnology** , Volume: 15 Issue: 1 2024 Jul 2

Authors Gao T,Li R,Hu L,Hu Q,Wen H,Zhou R,Yuan P,Zhang X,Huang L,Zhuo Y,Xu S,Lin Y,Feng B,Che L,Wu D,Fang Z

Prebiotic Potential of Goji Berry (Lycium barbarum) in Improving Intestinal Integrity and Inflammatory Profiles via Modification of the Gut Microbiota in High-Fat Diet-Fed Rats.

**Journal of medicinal food** , Volume: 27 Issue: 8 2024 Aug

Authors Jeong E,Eun S,Chae S,Lee S

Honey microbiota, methods for determining the microbiological composition and the antimicrobial effect of honey - A review.

**Food chemistry: X** , Volume: 23 2024 Oct 30

Authors Luca L,Pauliuc D,Oroian M

Antiviral, Antibacterial, Antifungal, and Anticancer Activity of Plant Materials Derived from Cymbopogon citratus (DC.) Stapf Species.

**Pharmaceuticals (Basel, Switzerland)** , Volume: 17 Issue: 6 2024 May 29

Authors Kiełtyka-Dadasiewicz A,Esteban J,Jablonska-Trypuc A

The Effects of Almond Consumption on Cardiovascular Health and Gut Microbiome: A Comprehensive Review.

**Nutrients** , Volume: 16 Issue: 12 2024 Jun 20

Authors Singar S,Kadyan S,Patoine C,Park G,Arjmandi B,Nagpal R

Quercetin Alleviates Insulin Resistance and Repairs Intestinal Barrier in db/db Mice by Modulating Gut Microbiota.

**Nutrients** , Volume: 16 Issue: 12 2024 Jun 14

Authors Yuan M,Sun T,Zhang Y,Guo C,Wang F,Yao Z,Yu L

Lactobacillus delbrueckii Ameliorated Blood Lipids via Intestinal Microbiota Modulation and Fecal Bile Acid Excretion in a Ningxiang Pig Model.

**Animals : an open access journal from MDPI** , Volume: 14 Issue: 12 2024 Jun 17

Authors Hou G,Wei L,Li R,Chen F,Yin J,Huang X,Yin Y

Investigating the Impact of Pineapple-Whey Protein Fermentation Products on Cefixime-Induced Intestinal Flora Dysbiosis in Mice Using 16S Sequencing and Untargeted Metabolomics Techniques.

**Foods (Basel, Switzerland)** , Volume: 13 Issue: 12 2024 Jun 19

Authors Luo J,Xiao S,Ma D,Xiang J,Wang B,Cai Y,Wang J

Procyanidin B1 and Coumaric Acid from Highland Barley Alleviated High-Fat-Diet-Induced Hyperlipidemia by Regulating PPARα-Mediated Hepatic Lipid Metabolism and Gut Microbiota in Diabetic C57BL/6J Mice.

**Foods (Basel, Switzerland)** , Volume: 13 Issue: 12 2024 Jun 12

Authors Liu Z,Liu J,Tang R,Zhang Z,Tian S

Machine Learning Metabolomics Profiling of Dietary Interventions from a Six-Week Randomised Trial.

**Metabolites** , Volume: 14 Issue: 6 2024 May 29

Authors Kouraki A,Nogal A,Nocun W,Louca P,Vijay A,Wong K,Michelotti GA,Menni C,Valdes AM

Metabolic and microbial mechanisms related to the effects of dietary wheat levels on intramuscular fat content in finishing pigs.

**Meat science** , Volume: 216 2024 Oct

Authors Wang J,Zhu H,Li H,Xia S,Zhang F,Liu C,Zheng W,Yao W

3D printed scaffolds with quercetin and vitamin D3 nanocarriers: In vitro cellular evaluation.

**Journal of biomedical materials research. Part A** , 2024 Jun 18

Authors Bose S,Chaudhari VS,Kushram P

Carrageenan in the Diet: Friend or Foe for Inflammatory Bowel Disease?

**Nutrients** , Volume: 16 Issue: 11 2024 Jun 6

Authors Kimilu N,Gladys-Cieszyńska K,Pieszko M,Mankowska-Wierzbicka D,Folwarski M

The Effect of Bifidobacterium animalis subsp. lactis MN-Gup on Glucose Metabolism, Gut Microbiota, and Their Metabolites in Type 2 Diabetic Mice.

**Nutrients** , Volume: 16 Issue: 11 2024 May 29

Authors Zhang C,Fang B,Zhang N,Zhang Q,Niu T,Zhao L,Sun E,Wang J,Xiao R,He J,Li S,Chen J,Guo J,Xiong W,Wang R

Comparison of the Effects of Essential Oils from Cannabis sativa and Cannabis indica on Selected Bacteria, Rumen Fermentation, and Methane Production-In Vitro Study.

**International journal of molecular sciences** , Volume: 25 Issue: 11 2024 May 28

Authors Tabis A,Szumny A,Bania J,Pacyga K,Lewandowska K,Kupczynski R

The Effects of Crataegus pinnatifida and Wolfiporia extensa Combination on Diet-Induced Obesity and Gut Microbiota.

**Foods (Basel, Switzerland) , Volume: 13 Issue: 11 2024 May 24**

Authors Yuan J,Hu Y,Yang D,Zhou A,Luo S,Xu N,Dong J,He Q,Zhang C,Zhang X, Ji Z,Li Q,Chu J

Lactobacillus plantarum-Derived Extracellular Vesicles Modulate Macrophage Polarization and Gut Homeostasis for Alleviating Ulcerative Colitis.

**Journal of agricultural and food chemistry , Volume: 72 Issue: 26 2024 Jul 3**

Authors Chen Q,Fang Z,Yang Z,Xv X,Yang M,Hou H,Li Z,Chen Y,Gong A

Lactacaseibacillus paracasei LC86 mitigates age-related muscle wasting and cognitive impairment in SAMP8 mice through gut microbiota modulation and the regulation of serum inflammatory factors.

**Frontiers in nutrition , Volume: 11 2024**

Authors Cai Y,Dong Y,Han M,Jin M,Liu H,Gai Z,Zou K

Amelioration of walnut, peony seed and camellia seed oils against D-galactose-induced cognitive impairment in mice by regulating gut microbiota.

**Food & function , Volume: 15 Issue: 13 2024 Jul 1**

Authors Kang T,Zheng J,Jiang C,Jin L,Li C,Chen B,Shen Y

Protective effect of zinc gluconate on intestinal mucosal barrier injury in antibiotics and LPS-induced mice.

**Frontiers in microbiology , Volume: 15 2024**

Authors Wang Y,Xiao J,Wei S,Su Y,Yang X,Su S,Lan L,Chen X,Huang T,Shan Q

Saccharomyces boulardii combined with triple therapy alter the microbiota in the eradication of Helicobacter pylori infection.

**Scientific reports , Volume: 14 Issue: 1 2024 Jun 7**

Authors Zhang Y,Lu B,Dong Y,Zhang Y,Du Q,Chen Y,Zhang Z

A host-microbial metabolite interaction gut-on-a-chip model of the adult human intestine demonstrates beneficial effects upon inulin treatment of gut microbiome.

**Microbiome research reports , Volume: 3 Issue: 2 2024**

Authors Donkers JM,Wiese M,van den Broek TJ,Wierenga E,Agamennone V,Schuren F,van de Steeg E

Intervention with fructooligosaccharides, Saccharomyces boulardii, and their combination in a colitis mouse model.

**Frontiers in microbiology , Volume: 15 2024**

Authors Wu Y,Fu H,Xu X,Jin H,Kao Q,Teng WL,Wang B,Zhao G,Pi XE

Reduction in Serum Concentrations of Uremic Toxins Driven by Bifidobacterium Longum Subsp. Longum BL21 is Associated with Gut Microbiota Changes in a Rat Model of Chronic Kidney Disease.

**Probiotics and antimicrobial proteins , 2024 Jun 3**

Authors Dong Y,Gai Z,Han M,Xu J,Zou K

Lactiplantibacillus plantarum JS19-adjunctly fermented goat milk alleviates D-galactose-induced aging by modulating oxidative stress and intestinal microbiota in mice.

**Journal of dairy science , 2024 May 31**

Authors He C,Mao Y,Wei L,Zhao A,Chen L,Zhang F,Cui X,Pan MH,Wang B

Exploring the healing power of Pistacia lentiscus stems: insights into extraction methods, polyphenolic composition, and health-promoting activities.

**International journal of environmental health research , Volume: 35 Issue: 2 2025 Feb**

Authors Beraich A,El Farissi H,Cacciola F,El-Shazly M,Yahyaoui MI,Yousra B,Talhaoui A

Profile of stingless bee honey and microbiota produced in West Sumatra, Indonesia, by several species (Apidae, Meliponinae).

**Veterinary world , Volume: 17 Issue: 4 2024 Apr**

Authors Melia S,Juliyarsi I,Kurnia YF,Aritonang SN,Rusdimansyah R,Sukma A,Setiawan RD,Pratama YE,Supandil D

Modulation of Gut Microbial Community and Metabolism by Bacillus licheniformis HD173 Promotes the Growth of Nursery Piglets Model.

**Nutrients , Volume: 16 Issue: 10 2024 May 15**

Authors Li J,Tian C,Feng S,Cheng W,Tao S,Li C,Xiao Y,Wei H

Exercise Affects Mucosa-Associated Microbiota and Colonic Tumor Formation Induced by Azoxymethane in High-Fat-Diet-Induced Obese Mice.

**Microorganisms , Volume: 12 Issue: 5 2024 May 9**

Authors Yo S,Matsumoto H,Gu T,Sasahira M,Oosawa M,Handa O,Umegaki E,Shiotani A

Ginger Polyphenols Reverse Molecular Signature of Amygdala Neuroimmune Signaling and Modulate Microbiome in Male Rats with Neuropathic Pain: Evidence for Microbiota-Gut-Brain Axis.

**Antioxidants (Basel, Switzerland) , Volume: 13 Issue: 5 2024 Apr 23**

Authors Shen CL,Santos JM,Elmassry MM,Bhakta V,Driver Z, Ji G,Yakhnitsa V,Kiritoshi T,Lovett J,Harmood AN,Sang S,Neugebauer V

Insights into the antioxidant, anti-inflammatory and anti-microbial potential of Nigella sativa essential oil against oral

[pathogens.](#)

**Scientific reports** , Volume: 14 Issue: 1 2024 May 24

Authors Bhavikatti SK,Zainuddin SLA,Ramli RB,Nadaf SJ,Dandge PB,Khalate M,Karobari MI

[Probiotics combined with atorvastatin administration in the treatment of hyperlipidemia: A randomized, double-blind, placebo-controlled clinical trial.](#)

**Medicine** , Volume: 103 Issue: 21 2024 May 24

Authors Tian Y,Wu G,Zhao X,Zhang H,Ren M,Song X,Chang H,Jing Z

[Microbiome-Metabolome Analysis Insight into the Effects of the Extract of Phyllanthus emblica L. on High-Fat Diet-Induced Hyperlipidemia.](#)

**Metabolites** , Volume: 14 Issue: 5 2024 Apr 29

Authors Wang J,Dong J,Zhong F,Wu S,An G,Liao W,Qi L,Ma Y

[Potential Prebiotic Properties of Whey Protein and Glycomacropeptide in Gut Microbiome.](#)

**Food science of animal resources** , Volume: 44 Issue: 2 2024 Mar

Authors Rackerby B,Le HNM,Haymowicz A,Dallas DC,Park SH

[Bifidobacterium longum S3 alleviates loperamide-induced constipation by modulating intestinal acetic acid and stearic acid levels in mice.](#)

**Food & function** , Volume: 15 Issue: 11 2024 Jun 4

Authors Zhang T,Lu H,Cheng T,Wang L,Wang G,Zhang H,Chen W

[Daily intake of baru \(Dipteryx alata Vog.\), a Cerrado native almond, promotes changes in the intestinal microbiota of individuals with obesity: A pilot study.](#)

**Food research international (Ottawa, Ont.)** , Volume: 187 2024 Jul

Authors Campos SB,Oliveira Filho JG,Santos DCD,Egea MB

[Elucidation of the beneficial role of co-fermented whole grain quinoa and black barley with Lactobacillus on rats fed a western-style diet via a multi-omics approach.](#)

**Food research international (Ottawa, Ont.)** , Volume: 187 2024 Jul

Authors Lin ZH,Zhong LY,Jiang HB,Zhu C,Wei FF,Wu Y,Song LH

[Effects of fructooligosaccharides and Saccharomyces boulardii on the compositional structure and metabolism of gut microbiota in students.](#)

**Microbiological research** , Volume: 285 2024 Aug

Authors Fu H,Chen Z,Teng W,Du Z,Zhang Y,Ye X,Yu Z,Zhang Y,Pi X

[Short-term supplementation with uncoated and encapsulated Enterococcus faecium affected growth performance, gut microbiome and intestinal barrier integrity in broiler chickens.](#)

**Poultry science** , Volume: 103 Issue: 7 2024 Jul

Authors Zhang Y,Liu Y,Jiao S,Wang Y,Sa R,Zhao F,Xie J

[sRAGE-binding and antimicrobial bioactivities of soy and pea protein after heating and in vitro infant digestion.](#)

**Food research international (Ottawa, Ont.)** , Volume: 183 2024 May

Authors Tang J,Teodorowicz M,Boeren S,Wichers HJ,Hettinga KA

[Mechanisms of epigallocatechin gallate \(EGCG\) in ameliorating hyperuricemia: insights into gut microbiota and intestinal function in a mouse model.](#)

**Food & function** , Volume: 15 Issue: 11 2024 Jun 4

Authors Yu H,Lou Z,Wu T,Wan X,Huang H,Wu Y,Li B,Tu Y,He P,Liu J

[Impact of whole grain highland hull-less barley on the denaturing gradient gel electrophoresis profiles of gut microbial communities in rats fed high-fat diets.](#)

**Microbiology spectrum** , Volume: 12 Issue: 6 2024 Jun 4

Authors Xia X,Lu J,Chen X,Zhou L,Huang Y,Ding S,Li G

[Chlorogenic Acid/Linoleic Acid-Fortified Wheat-Resistant Starch Ameliorates High-Fat Diet-Induced Gut Barrier Damage by Modulating Gut Metabolism.](#)

**Journal of agricultural and food chemistry** , Volume: 72 Issue: 20 2024 May 22

Authors Guo Q,Chen L,Liu Z,Zheng B

[The impact of exercise on the gut microbiota in middle-aged amateur serious runners: a comparative study.](#)

**Frontiers in physiology** , Volume: 15 2024

Authors Duan R,Liu Y,Zhang Y,Shi J,Xue R,Liu R,Miao Y,Zhou X,Lv Y,Shen H,Xie X,Ai X

[The impact of bacillus pumilus TS2 isolated from yaks on growth performance, gut microbial community, antioxidant activity, and cytokines related to immunity and inflammation in broilers.](#)

**Frontiers in veterinary science** , Volume: 11 2024

Authors Guo C,Liu S,Di L,Tang S

[The Potential Antinociceptive Effect and Mechanism of Cannabis sativa L. Extract on Paclitaxel-Induced Neuropathic Pain in Rats Uncovered by Multi-Omics Analysis.](#)

**Molecules (Basel, Switzerland) , Volume: 29 Issue: 9 2024 Apr 25**

Authors Xu Y,Yao L,Guo Y,Shi C,Zhou J,Hua M

[Lactobacillus delbrueckii CIDCA 133 fermented milk modulates inflammation and gut microbiota to alleviate acute colitis.](#)

**Food research international (Ottawa, Ont.) , Volume: 186 2024 Jun**

Authors de Jesus LCL,Freitas ADS,Dutra JDCF,Campos GIM,Américo MF,Laguna JG,Dornelas EG,Carvalho RDO,Vital KD,Fernandes SOA,Cardoso VN,de Oliveira JS,de Oliveira MFA,Faria AMC,Ferreira E,Souza RO,Martins FS,Barroso FAL,Azevedo V

[Pu-erh tea theabrownin improves the ovarian function and gut microbiota in laying hens.](#)

**Poultry science , Volume: 103 Issue: 7 2024 Jul**

Authors Zhang T,Bai S,Ding X,Zeng Q,Xuan Y,Xu S,Mao X,Peng H,Zhang K,Wang J

[A methyl esterase from Bifidobacterium longum subsp. longum reshapes the prebiotic properties of apple pectin by triggering differential modulatory capacity in faecal cultures.](#)

**Microbial biotechnology , Volume: 17 Issue: 5 2024 May**

Authors Calvete-Torre I,Sabater C,Muñoz-Almagro N,Campelo AB,Moreno FJ,Margolles A,Ruiz L

[An In Vitro Evaluation of the Effect of Bifidobacterium longum L556 on Microbiota Composition and Metabolic Properties in Patients with Coronary Heart Disease \(CHD\).](#)

**Probiotics and antimicrobial proteins , 2024 May 9**

Authors Yang L,Wu Y,Zhao X,Liang T,Li L,Yang J,Jiang T,Zhang T,Zhang J,Zhong H,Xie X,Wu Q

[Impact of medication dosage on Helicobacter pylori eradication rates among pediatric patients.](#)

**Journal of pediatric gastroenterology and nutrition , Volume: 79 Issue: 1 2024 Jul**

Authors Andrews C,Herzlinger M,Riaz M,Liu E,Chan C,Bonilla S

[Determination of total phenolics, flavonoids, and testing of antioxidant and antibacterial activities of red ginger \(Zingiber officinale var. Rubrum\).](#)

**Journal of advanced veterinary and animal research , Volume: 11 Issue: 1 2024 Mar**

Authors Haroen U,Syafwan S,Kurniawan K,Budiansyah A

[Beneficial Effects of Dietary Fiber in Young Barley Leaf on Gut Microbiota and Immunity in Mice.](#)

**Molecules (Basel, Switzerland) , Volume: 29 Issue: 8 2024 Apr 22**

Authors Chudan S,Kurakawa T,Nishikawa M,Nagai Y,Tabuchi Y,Ikushiro S,Furusawa Y

[Bifidobacterium longum K5 Prevents Enterohaemorrhagic Escherichia coli O157:H7 Infection in Mice through the Modulation of the Gut Microbiota.](#)

**Nutrients , Volume: 16 Issue: 8 2024 Apr 13**

Authors Liu D,Li C,Cao T,Lv X,Yue Y,Li S,Cheng Y,Liu F,Huo G,Li B

[Antitumor Effect and Gut Microbiota Modulation by Quercetin, Luteolin, and Xanthohumol in a Rat Model for Colorectal Cancer Prevention.](#)

**Nutrients , Volume: 16 Issue: 8 2024 Apr 13**

Authors Pérez-Valero Á,Magadán-Corpas P,Ye S,Serna-Diestro J,Sordon S,Huszczka E,Poplonski J,Villar CJ,Lombó F

[Influence of Gelatin and Propolis Extract on Honey Gummy Jelly Properties: Optimization Using D-Optimal Mixture Design.](#)

**Gels (Basel, Switzerland) , Volume: 10 Issue: 4 2024 Apr 21**

Authors Kaewpetch K,Yolsuriyan S,Disayathanoowat T,Phokasem P,Jannu T,Renaldi G,Samakradhamrongthai RS

[Inulin has a beneficial effect by modulating the intestinal microbiome in a BALB/c mouse model.](#)

**Beneficial microbes , Volume: 14 Issue: 4 2023 Sep 1**

Authors Zhu Z,Hu C,Liu Y,Wang F,Zhu B

[Intake of compound probiotics accelerates the construction of immune function and gut microbiome in Holstein calves.](#)

**Microbiology spectrum , Volume: 12 Issue: 6 2024 Jun 4**

Authors Cai X,Yi P,Chen X,Wu J,Lan G,Li S,Luo S,Huang F,Huang J,Shen P

[Antiaging Effects of Human Fecal Transplants with Different Combinations of Bifidobacterium bifidum LTBB21J1 and Lactobacillus casei LTL1361 in d-Galactose-Induced Mice.](#)

**Journal of agricultural and food chemistry , Volume: 72 Issue: 17 2024 May 1**

Authors Zhou F,Zhang Q,Zheng X,Shi F,Ma K,ji F,Meng N,Li R,Lv J,Li Q

[Theabrownin from Qingzhuan tea prevents high-fat diet-induced MASLD via regulating intestinal microbiota.](#)

**Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 174 2024 May**

Authors Chen Y,Xie C,Lei Y,Ye D,Wang L,Xiong F,Wu H,He Q,Zhou H,Li L,Xing J,Wang C,Zheng M

[Obliteration of H. pylori infection through the development of a novel thyme oil laden nanoporous gastric floating microsphere.](#)

**Heliyon , Volume: 10 Issue: 8 2024 Apr 30**

Authors Jafar M,Ahmad Khan MS,Akbar MJ,AlSaihaty HS,Alasmari SS

[Efficacy of high-intensity interval and continuous endurance trainings on cecal microbiota metabolites and inflammatory factors in diabetic rats induced by high-fat diet.](#)

**PloS one** , Volume: 19 Issue: 4 2024

Authors Solouki S,Gorgani-Firuzjaee S,Jafary H,Delfan M

[Resveratrol Improves Hyperuricemia and Ameliorates Renal Injury by Modulating the Gut Microbiota.](#)

**Nutrients** , Volume: 16 Issue: 7 2024 Apr 7

Authors Zhou Y,Zeng Y,Wang R,Pang J,Wang X,Pan Z,Jin Y,Chen Y,Yang Y,Ling W

[Effects of Exercise on Gut Microbiota of Adults: A Systematic Review and Meta-Analysis.](#)

**Nutrients** , Volume: 16 Issue: 7 2024 Apr 5

Authors Min L,Ablitip A,Wang R,Luciana T,Wei M,Ma X

[Artemisia spp. Essential Oils: From Their Ethnobotanical Use to Unraveling the Microbiota Modulation Potential.](#)

**Plants (Basel, Switzerland)** , Volume: 13 Issue: 7 2024 Mar 27

Authors Polito F,Di Mercurio M,Rizzo S,Di Vito M,Sanguinetti M,Urbani A,Bugli F,De Feo V

[Resistant Starch from Purple Sweet Potatoes Alleviates Dextran Sulfate Sodium-Induced Colitis through Modulating the Homeostasis of the Gut Microbiota.](#)

**Foods (Basel, Switzerland)** , Volume: 13 Issue: 7 2024 Mar 27

Authors Wang Z,Gao M,Kan J,Cheng Q,Chen X,Tang C,Chen D,Zong S,Jin C

[Tea Polyphenol Epigallocatechin Gallate Protects Against Nonalcoholic Fatty Liver Disease and Associated Endotoxemia in Rats via Modulating Gut Microbiota Dysbiosis and Alleviating Intestinal Barrier Dysfunction and Related Inflammation.](#)

**Journal of agricultural and food chemistry** , 2024 Apr 12

Authors Zuo G,Chen M,Zuo Y,Liu F,Yang Y,Li J,Zhou X,Li M,Huang JA,Liu Z,Lin Y

[Effect of aerobic exercise and particulate matter exposure duration on the diversity of gut microbiota.](#)

**Animal cells and systems** , Volume: 28 Issue: 1 2024

Authors Imdad S,Kim JH,So B,Jang J,Park J,Lim W,Lee YK,Shin WS,Hillyer T,Kang C

[Bacillus coagulans regulates gut microbiota and ameliorates the alcoholic-associated liver disease in mice.](#)

**Frontiers in microbiology** , Volume: 15 2024

Authors Liu Z,Liu T,Zhang Z,Fan Y

[Effects of Bacillus coagulans TBC169 on gut microbiota and metabolites in gynecological laparoscopy patients.](#)

**Frontiers in microbiology** , Volume: 15 2024

Authors Gao W,Yan Y,Guan Z,Zhang J,Chen W

[Cognitive behavioral and mindfulness with daily exercise intervention is associated with changes in intestinal microbial taxa and systemic inflammation in patients with Crohn's disease.](#)

**Gut microbes** , Volume: 16 Issue: 1 2024 Jan-Dec

Authors K I,Y M,A N,D S,G G,R S,D G,V S,N O,S M,F S,R S,O J,M G,A M

[Responses of intestinal morphology, immunity, antioxidant status and cecal microbiota to the mixture of glycerol monolaurate and cinnamaldehyde in laying hens.](#)

**Poultry science** , Volume: 103 Issue: 6 2024 Jun

Authors Chen MY,Duan YL,Zhu Y,Wang JH,Hu QB,Guo SS,Ding BY,Zhang ZF,Li LL

[Effects of Bifidobacterium animalis subsp. lactis IU100 on Immunomodulation and Gut Microbiota in Immunosuppressed Mice.](#)

**Microorganisms** , Volume: 12 Issue: 3 2024 Feb 29

Authors Zhou L,Yin X,Fang B,He J,Zhan J,Zhang X,Wang R

[An Inulin-Type Fructan CP-A from Codonopsis pilosula Alleviated 5-Fluorouracil-Induced Intestinal Mucositis via the ERK/MILCK/MILC2 Pathway and Regulation of Gut Microbiota.](#)

**Pharmaceuticals (Basel, Switzerland)** , Volume: 17 Issue: 3 2024 Feb 26

Authors Zhou J,Li D,Wang J,Cheng Z,Wang C,Zhang X,Xu X,Gao J

[Dose-Responsive Effects of Iron Supplementation on the Gut Microbiota in Middle-Aged Women.](#)

**Nutrients** , Volume: 16 Issue: 6 2024 Mar 10

Authors Shearer J,Shah S,MacInnis MJ,Shen-Tu G,Mu C

[Relationships between Habitual Polyphenol Consumption and Gut Microbiota in the INCLD Health Cohort.](#)

**Nutrients** , Volume: 16 Issue: 6 2024 Mar 8

Authors Vita AA,Roberts KM,Gundersen A,Farris Y,Zwickey H,Bradley R,Weir TL

[Postbiotics from Lactobacillus delbrueckii Alleviate Intestinal Inflammation by Promoting the Expansion of Intestinal Stem Cells in S. Typhimurium-Induced Mice.](#)

**Foods (Basel, Switzerland)** , Volume: 13 Issue: 6 2024 Mar 14

Authors Wang M,Ren Y,Guo X,Ye Y,Zhu H,Zhang J,Huang Z,Yu K

[Far-Infrared Therapy Based on Graphene Ameliorates High-Fat Diet-Induced Anxiety-Like Behavior in Obese Mice via Alleviating Intestinal Barrier Damage and Neuroinflammation.](#)

**Neurochemical research** , Volume: 49 Issue: 7 2024 Jul

Authors Zhang JS,Li S,Cheng X,Tan XC,Huang YL,Dong HJ,Xue R,Zhang Y,Li JC,Feng XX,Deng Y,Zhang YZ

Pharmacological Potential Effects of Algerian Propolis Against Oxidative Stress, Multidrug-Resistant Pathogens Biofilm and Quorum-Sensing

**Turkish journal of pharmaceutical sciences** , Volume: 21 Issue: 1 2024 Mar 25

Authors Hadjab W,Zellaoui A,Mokrani M,Öztürk M,Ceylan Ö,Gherraf N,Bensouici C

Human-derived bacterial strains mitigate colitis via modulating gut microbiota and repairing intestinal barrier function in mice.

**BMC microbiology** , Volume: 24 Issue: 1 2024 Mar 23

Authors Dai J,Jiang M,Wang X,Lang T,Wan L,Wang J

Food additives impair gut microbiota from healthy individuals and IBD patients in a colonic in vitro fermentation model.

**Food research international (Ottawa, Ont.)** , Volume: 182 2024 Apr

Authors Gonza I,Goya-Jorge E,Douny C,Boutaleb S,Taminiau B,Daube G,Scippo ML,Louis E,Delcenserie V

Associations Between Health Behaviors, Gastrointestinal Symptoms, and Gut Microbiota in a Cross-Sectional Sample of Cancer Survivors: Secondary Analysis from the Chemo-Gut Study.

**Integrative cancer therapies** , Volume: 23 2024 Jan-Dec

Authors Deleemans JM,Chleilat F,Reimer RA,Lawal OA,Baydoun M,Piedalue KA,Lowry DE,Carlson LE

Effect of Lactobacillus plantarum BFS1243 on a female frailty model induced by fecal microbiota transplantation in germ-free mice.

**Food & function** , 2024 Mar 22

Authors Dong S,Zeng Q,He W,Cheng W,Zhang L,Zhong R,He W,Fang X,Wei H

Bacillus coagulans TCI711 Supplementation Improved Nonalcoholic Fatty Liver by Modulating Gut Microbiota: A Randomized, Placebo-Controlled, Clinical Trial.

**Current developments in nutrition** , Volume: 8 Issue: 3 2024 Mar

Authors Hsieh RH,Chien YJ,Lan WY,Lin YK,Lin YH,Chiang CF,Yang MT

Anti-inflammatory probiotics HF05 and HF06 synergistically alleviate ulcerative colitis and secondary liver injury.

**Food & function** , Volume: 15 Issue: 7 2024 Apr 2

Authors Liu C,Qi X,Liu X,Sun Y,Mao K,Shen G,Ma Y,Li Q

Bifidobacterium longum GL001 alleviates rat intestinal ischemia-reperfusion injury by modulating gut microbiota composition and intestinal tissue metabolism.

**Food & function** , Volume: 15 Issue: 7 2024 Apr 2

Authors Tang J,Zhao M,Miao X,Chen H,Zhao B,Wang Y,Guo Y,Wang T,Cheng X,Ruan H,Zhang J

Prebiotic inulin ameliorates SARS-CoV-2 infection in hamsters by modulating the gut microbiome.

**NPJ science of food** , Volume: 8 Issue: 1 2024 Mar 14

Authors Song I,Yang J,Saito M,Hartanto T,Nakayama Y,Ichinohe T,Fukuda S

Effects of dietary Artemisia annua supplementation on growth performance, antioxidant capacity, immune function, and gut microbiota of geese.

**Poultry science** , Volume: 103 Issue: 5 2024 May

Authors Cui Y,Leng X,Zhao Y,Zhao Y,Wang Q

Diet Mediate the Impact of Host Habitat on Gut Microbiome and Influence Clinical Indexes by Modulating Gut Microbes and Serum Metabolites.

**Advanced science (Weinheim, Baden-Wurtemberg, Germany)** , 2024 Mar 13

Authors Zhang J,Qi H,Li M,Wang Z,Jia X,Sun T,Du S,Su C,Zhi M,Du W,Ouyang Y,Wang P,Huang F,Jiang H,Li L,Bai J,Wei Y,Zhang X,Wang H,Zhang B,Feng Q

Polyphenols Influence the Development of Endometrial Cancer by Modulating the Gut Microbiota.

**Nutrients** , Volume: 16 Issue: 5 2024 Feb 28

Authors Baranowska-Wójcik E,Winiarska-Mieczan A,Olcha P,Kwiecien M,Jachimowicz-Rogowska K,Nowakowski L,Miturski A,Galczyński K

Phytochemical composition of Tibetan tea fermented by Eurotium cristatum and its effects on type 1 diabetes mice and gut microbiota.

**Heliyon** , Volume: 10 Issue: 5 2024 Mar 15

Authors Deng J,Luo K,Xia C,Zhu Y,Xiang Z,Zhu B,Tang X,Zhang T,Shi L,Lyu X,Chen J

Lactobacillus paracasei ZFM54 alters the metabolomic profiles of yogurt and the co-fermented yogurt improves the gut microecology of human adults.

**Journal of dairy science** , Volume: 107 Issue: 8 2024 Aug

Authors Chen X,Zhu Z,Zhang X,Chen L,Gu Q,Li P

Short term supplementation with cranberry extract modulates gut microbiota in human and displays a bifidogenic effect.

**NPJ biofilms and microbiomes** , Volume: 10 Issue: 1 2024 Mar 6

Authors Lessard-Lord J,Roussel C,Lupien-Meilleur J,Généreux P,Richard V,Guay V,Roy D,Desjardins Y

Microencapsulation with fructooligosaccharides and whey protein enhances the antioxidant activity of anthocyanins and

[their ability to modulate gut microbiota in vitro.](#)

**Food research international (Ottawa, Ont.)** , Volume: 181 2024 Apr

Authors Li X,Wang Y,Jiang Y,Liu C,Zhang W,Chen W,Tian L,Sun J,Lai C,Bai W

[Short-Term Ingestion of Essential Amino Acid Based Nutritional Supplements or Whey Protein Improves the Physical Function of Older Adults Independently of Gut Microbiome.](#)

**Molecular nutrition & food research** , Volume: 68 Issue: 6 2024 Mar

Authors Azhar G,Verma A,Robeson MS,Patyal P,Nookaew I,Sharma S,Pangle A,Che Y,Wolfe RR,Wei JY

[The Immunomodulatory Effects of A2  \$\beta\$ -Casein on Immunosuppressed Mice by Regulating Immune Responses and the Gut Microbiota.](#)

**Nutrients** , Volume: 16 Issue: 4 2024 Feb 13

Authors Li X,Lu X,Liu M,Zhang Y,Jiang Y,Yang X,Man C

[Specific Antimicrobial Activities Revealed by Comparative Evaluation of Selected Gemmotherapy Extracts.](#)

**Antibiotics (Basel, Switzerland)** , Volume: 13 Issue: 2 2024 Feb 13

Authors Héjja M,Mihok E,Alaya A,Jolji M,György É,Meszaros N,Turcus V,Oláh NK,Máthé E

[Integrating fecal metabolomics and intestinal microbiota to study the mechanism of cannabidiol in the treatment of idiopathic pulmonary fibrosis.](#)

**Frontiers in pharmacology** , Volume: 15 2024

Authors Sun M,Zhang F,Lu F,Yu D,Wang Y,Chen P,Liu S

[Inulin alters gut microbiota to alleviate post-stroke depressive-like behavior associated with the IGF-1-mediated MAPK signaling pathway.](#)

**Brain and behavior** , Volume: 14 Issue: 1 2024 Jan

Authors Shao R,Tan X,Pan M,Huang J,Huang L,Bi B,Huang X,Wang J,Li X

[Bifidobacterium animalis subsp. lactis A6 attenuates hippocampal damage and memory impairments in an ADHD rat model.](#)

**Food & function** , Volume: 15 Issue: 5 2024 Mar 4

Authors Yin X,Liu W,Feng H,Huang J,Wang Q,Zhang Q,He J,Wang R

[Antimicrobial and Anti-Biofilm Activities of Coffea arabica L. Against the Clinical Strains Isolated From Diabetic Foot Ulcers.](#)

**Cureus** , Volume: 16 Issue: 1 2024 Jan

Authors Zubair M

[Milk to mucus: How B. fragilis colonizes the gut.](#)

**Cell host & microbe** , Volume: 32 Issue: 2 2024 Feb 14

Authors Olm MR,Mueller NT

[Potential mechanisms underlying inhibition of xenograft lung cancer models by kaempferol: modulation of gut microbiota in activating immune cell function.](#)

**Journal of Cancer** , Volume: 15 Issue: 5 2024

Authors Guan M,Xu W,Bai H,Geng Z,Yu Z,Li H,Liu T

[Biochemical Profiling and Physicochemical and Biological Valorization of Iraqi Honey: A Comprehensive Analysis.](#)

**Molecules (Basel, Switzerland)** , Volume: 29 Issue: 3 2024 Jan 31

Authors Hameed OM,Shaker OM,Ben Slima A,Makni M

[Therapeutic Evaluation of Bifidobacterium animalis subsp. lactis MH-02 as an Adjunctive Treatment in Patients with Reflux Esophagitis: A Randomized, Double-Blind, Placebo-Controlled Trial.](#)

**Nutrients** , Volume: 16 Issue: 3 2024 Jan 24

Authors Gan L,Wang Y,Huang S,Zheng L,Feng Q,Liu H,Liu P,Zhang K,Chen T,Fang N

[Anti-Diabetic Potentials of Lactobacillus Strains by Modulating Gut Microbiota Structure and  \$\beta\$ -Cells Regeneration in the Pancreatic Islets of Alloxan-Induced Diabetic Rats.](#)

**Probiotics and antimicrobial proteins** , 2024 Feb 8

Authors Kumar M,Muthurayar T,Karthika S,Gayathri S,Varalakshmi P,Ashokkumar B

[Effect of Lactacaseibacillus paracasei K56 with galactooligosaccharide synbiotics on obese individuals: an in vitro fermentation model.](#)

**Journal of the science of food and agriculture** , Volume: 104 Issue: 9 2024 Jul

Authors Zhang Q,Zhao W,He J,He J,Shi S,Sun M,Niu X,Zeng Z,Zhao Y,Zhang Y,Wang P,Li Y,Zhang C,Duan S,Hung WL,Wang R

[A polyphenol-rich plant extract prevents hypercholesterolemia and modulates gut microbiota in western diet-fed mice.](#)

**Frontiers in cardiovascular medicine** , Volume: 11 2024

Authors Langhi C,Vallier M,Bron A,Otero YF,Maura M,Le Joubioux F,Blomberg N,Giera M,Guigas B,Maugard T,Chassaing B,Peltier S,Blanquet-Diot S,Bard JM,Sirvent P

[Effect of ginger supplementation on the fecal microbiome in subjects with prior colorectal adenoma.](#)

**Scientific reports** , Volume: 14 Issue: 1 2024 Feb 5

Authors Prakash A,Rubin N,Staley C,Onyeaghala G,Wen YF,Shaukat A,Milne G,Straka RJ,Church TR,Prizment A

The effectiveness of photobiomodulation therapy in modulation the gut microbiome dysbiosis related diseases.

**Gastroenterology and hepatology from bed to bench** , Volume: 16 Issue: 4 2023

Authors Jahani-Sherafat S,Taghavi H,Asri N,Rezaei Tavirani M,Razzaghi Z,Rostami-Nejad M

Study on the relationship between tea polyphenols alleviating osteoporosis and the changes of microorganism-metabolite-intestinal barrier.

**Microbial pathogenesis** , Volume: 188 2024 Mar

Authors Wen X,Wu P,Li F,Pi G

Mitigation of high-fat diet-induced hepatic steatosis by thyme (Thymus quinquecostatus Celak) polyphenol-rich extract (TPE): insights into gut microbiota modulation and bile acid metabolism.

**Food & function** , 2024 Feb 2

Authors Sheng X,Zhan P,Wang P,He W,Tian H

Bifidobacterium animalis subsp. lactis F1-7 Alleviates Lipid Accumulation in Atherosclerotic Mice via Modulating Bile Acid Metabolites to Downregulate Intestinal FXR.

**Journal of agricultural and food chemistry** , Volume: 72 Issue: 5 2024 Feb 7

Authors Liang X,Zheng X,Wang P,Zhang H,Ma Y,Liang H,Zhang Z

Enhancing immune response, antioxidant capacity, and gut health in growing beagles through a chitooligosaccharide diet.

**Frontiers in veterinary science** , Volume: 10 2023

Authors Cheng G,Hu T,Zeng Y,Yan L,Liu Y,Wang Y,Xia J,Dong H,Chen D,Cheng T,Peng G,Zhang L

Chronic sucralose consumption inhibits farnesoid X receptor signaling and perturbs lipid and cholesterol homeostasis in the mouse livers, potentially by altering gut microbiota functions.

**The Science of the total environment** , Volume: 919 2024 Apr 1

Authors Chi L,YifeiYang,Bian X,Gao B,Tu P,Ru H,Lu K

Lactobacillus plantarum attenuates glucocorticoid-induced osteoporosis by altering the composition of rat gut microbiota and serum metabolic profile.

**Frontiers in immunology** , Volume: 14 2023

Authors Li S,Han X,Liu N,Chang J,Liu G,Hu S

Consumption of the Non-Nutritive Sweetener Stevia for 12 Weeks Does Not Alter the Composition of the Human Gut Microbiota.

**Nutrients** , Volume: 16 Issue: 2 2024 Jan 18

Authors Singh G,McBain AJ,McLaughlin JT,Stamataki NS

Investigating the Health Implications of Whey Protein Consumption: A Narrative Review of Risks, Adverse Effects, and Associated Health Issues.

**Healthcare (Basel, Switzerland)** , Volume: 12 Issue: 2 2024 Jan 18

Authors Cava E,Padua E,Campaci D,Bernardi M,Muthanna FMS,Caprio M,Lombardo M

Wheat Bran Polyphenols Ameliorate DSS-Induced Ulcerative Colitis in Mice by Suppressing MAPK/NF- $\kappa$ B Inflammasome Pathways and Regulating Intestinal Microbiota.

**Foods (Basel, Switzerland)** , Volume: 13 Issue: 2 2024 Jan 10

Authors Wen X,Peng H,Zhang H,He Y,Guo F,Bi X,Liu J,Sun Y

Fructose dose-dependently influences colon barrier function by regulation of some main physical, immune, and biological factors in rats.

**The Journal of nutritional biochemistry** , Volume: 126 2024 Apr

Authors Gan Q,Song G,Fang W,Wang Y,Qi W

Lactic acid fermentation of goji berries (Lycium barbarum) prevents acute alcohol liver injury and modulates gut microbiota and metabolites in mice.

**Food & function** , Volume: 15 Issue: 3 2024 Feb 5

Authors Duan W,Zhou L,Ren Y,Liu F,Xue Y,Wang FZ,Lu R,Zhang XJ,Shi JS,Xu ZH,Geng Y

Effect of Lactobacillus plantarum ZFM4 in Helicobacter pylori-infected C57BL/6 mice: prevention is better than cure.

**Frontiers in cellular and infection microbiology** , Volume: 13 2023

Authors Yu YY,Wu LY,Sun X,Gu Q,Zhou QQ

Agaricus bisporus polysaccharides ameliorate ulcerative colitis in mice by modulating gut microbiota and its metabolism.

**Food & function** , Volume: 15 Issue: 3 2024 Feb 5

Authors Liu W,Wang L,Yuan Q,Hao W,Wang Y,Wu D,Chen X,Wang S

Impact of Bacillus licheniformis from yaks following antibiotic therapy in mouse model.

**Applied microbiology and biotechnology** , Volume: 108 Issue: 1 2024 Dec

Authors Zeng Z,Gong S,Quan C,Zhou S,Kulyar MF,Iqbal M,Li Y,Li X,Li J

Effect of chemical, thermal, and enzymatic processing of wheat bran on the solubilization, technological and biological properties of non-starch polysaccharides.

**Carbohydrate polymers** , Volume: 328 2024 Mar 15

**Authors** Paesani C,Lammers TOGL,Sciarini LS,Moiraghi M,Pérez GT,Fabi JP

Azadirachta indica (AI) leaf extract coated ZnO-Alnanocore-shell particles for enhanced antibacterial activity against methicillin-resistant Staphylococcus aureus (MRSA).

**Biomedical materials (Bristol, England) , Volume: 19 Issue: 2 2024 Jan 24**

**Authors** Sharma B,Upadhyaya D,Deshmukh P,Chakraborty S,Sahu K,Satapathy S,Majumder SK

Probiotic Bacillus licheniformis ZW3 Alleviates DSS-Induced Colitis and Enhances Gut Homeostasis.

**International journal of molecular sciences , Volume: 25 Issue: 1 2024 Jan 1**

**Authors** Jia D,Li Y,Wang Y,Guo Y,Liu J,Zhao S,Wang J,Guan G,Luo J,Yin H,Tang L,Li Y

Safety Assessment and Probiotic Potential Comparison of Bifidobacterium longum subsp. infantis BLI-02, Lactobacillus plantarum LPL28, Lactobacillus acidophilus TYCA06, and Lactobacillus paracasei ET-66.

**Nutrients , Volume: 16 Issue: 1 2023 Dec 29**

**Authors** Chen JF,Hsia KC,Kuo YW,Chen SH,Huang YY,Li CM,Hsu YC,Tsai SY,Ho HH

Prospective Randomized, Double-Blind, Placebo-Controlled Study of a Standardized Oral Pomegranate Extract on the Gut Microbiome and Short-Chain Fatty Acids.

**Foods (Basel, Switzerland) , Volume: 13 Issue: 1 2023 Dec 19**

**Authors** Sivamani RK,Chakkalakal M,Pan A,Nadora D,Min M,Dumont A,Burney WA,Chambers CJ

Highland barley  $\beta$ -glucan supplementation attenuated hepatic lipid accumulation in Western diet-induced non-alcoholic fatty liver disease mice by modulating gut microbiota.

**Food & function , Volume: 15 Issue: 3 2024 Feb 5**

**Authors** Liu H,Nie C,Hu X,Li J

Human milk oligosaccharides and the association with microbiota in colostrum: a pilot study.

**Archives of microbiology , Volume: 206 Issue: 2 2024 Jan 8**

**Authors** Sun W,Tao L,Qian C,Xue P,Tong X,Yang L,Lu F,Wan H,Tao Y

A systematic review on the effects of exercise on gut microbial diversity, taxonomic composition, and microbial metabolites: identifying research gaps and future directions.

**Frontiers in physiology , Volume: 14 2023**

**Authors** Cullen JMA,Shahzad S,Dhillon J

Dietary novel alkaline protease from Bacillus licheniformis improves broiler meat nutritional value and modulates intestinal microbiota and metabolites.

**Animal microbiome , Volume: 6 Issue: 1 2024 Jan 6**

**Authors** Yi W,Liu Y,Fu S,Zhuo J,Wang J,Shan T

Lactiplantibacillus plantarum X7022 Plays Roles on Aging Mice with Memory Impairment Induced by D-Galactose Through Restoring Neuronal Damage, Relieving Inflammation and Oxidative Stress.

**Probiotics and antimicrobial proteins , Volume: 17 Issue: 1 2025 Feb**

**Authors** Yin D,Zhao L,Deng S,Xie Y,Ro KS,Yang Z,Du L,Xie J,Wei D

Bifidobacterium longum SX-1326 ameliorates gastrointestinal toxicity after irinotecan chemotherapy via modulating the P53 signaling pathway and brain-gut axis.

**BMC microbiology , Volume: 24 Issue: 1 2024 Jan 3**

**Authors** Yue F,Zeng X,Wang Y,Fang Y,Yue M,Zhao X,Zhu R,Zeng Q,Wei J,Chen T

A combined effect of fish-originated collagen peptides and caffeine on the cognitive function of sleep-deprived mice.

**Food & function , Volume: 15 Issue: 2 2024 Jan 22**

**Authors** Zhu H,Bai S,Ma W,Qian H,Du P

Mannan oligosaccharides improve the fur quality of raccoon dogs by regulating the gut microbiota.

**Frontiers in microbiology , Volume: 14 2023**

**Authors** Yuan C,Ren L,Sun R,Yun X,Zang X,Zhang A,Wu M

Integrated gut microbiome and metabolome analysis reveals the inhibition effect of Lactobacillus plantarum CBT against colorectal cancer.

**Food & function , Volume: 15 Issue: 2 2024 Jan 22**

**Authors** Chen YY,Fei F,Ding LL,Wen SY,Ren CF,Gong AH

Chemoprotecting and antimicrobial activity of medicinal herbs used in the treatment of inflammatory bowel disease.

**Cellular and molecular biology (Noisy-le-Grand, France) , Volume: 69 Issue: 13 2023 Dec 10**

**Authors** Alshahrani A,Ali A,Abdelwahab SF

Phyllanthus emblica L. polysaccharides ameliorate colitis via microbiota modulation and dual inhibition of the RAGE/NF- $\kappa$ B and MAPKs signaling pathways in rats.

**International journal of biological macromolecules , Volume: 258 Issue: Pt 2 2024 Feb**

**Authors** Chen YY,Chen SY,Chang HY,Liu YC,Chuang BF,Yen GC

Oat-based postbiotics ameliorate high-sucrose induced liver injury and colitis susceptibility by modulating fatty acids metabolism and gut microbiota.

**The Journal of nutritional biochemistry** , Volume: 125 2024 Mar

Authors Song W,Wen R,Liu T,Zhou L,Wang G,Dai X,Shi L

[Therapeutic Potential of Punica granatum and Isolated Compounds: Evidence-Based Advances to Treat Bacterial Infections.](#)

**International journal of microbiology** , Volume: 2023 2023

Authors Mendes PM,Gomes Fontoura GM,Rodrigues LDS,Souza AS,Viana JPM,Fernandes Pereira AL,Dutra RP,Nogueira

Ferreira AG,Neto MS,Reis AS,Berretta AA,Monteiro-Neto V,Maciel MCG

[Effects of Lactobacillus plantarum HW1 on Growth Performance, Intestinal Immune Response, Barrier Function, and Cecal Microflora of Broilers with Necrotic Enteritis.](#)

**Animals : an open access journal from MDPI** , Volume: 13 Issue: 24 2023 Dec 10

Authors Chen P,Lv H,Liu W,Wang Y,Zhang K,Che C,Zhao J,Liu H

[Identification of inulin-responsive bacteria in the gut microbiota via multi-modal activity-based sorting.](#)

**Nature communications** , Volume: 14 Issue: 1 2023 Dec 14

Authors Riva A,Rasoulimehrabani H,Cruz-Rubio JM,Schnorr SL,von Baeckmann C,Inan D,Nikolov G,Herbold CW,Hausmann

B,Pjevac P,Schintlmeister A,Spittler A,Palatinszky M,Kadunic A,Hieger N,Del Favero G,von Bergen M,Jehmlich N,Watzka M,Lee

KS,Wiesenbauer J,Khadem S,Viernstein H,Stocker R,Wagner M,Kaiser C,Richter A,Kleitz F,Berry D

[To Evaluate and Compare the Antimicrobial Efficacy of Various Disinfecting Agents on K-file against Gram-positive and Gram-negative Bacteria of Endodontic Origin: An In Vitro Study.](#)

**International journal of clinical pediatric dentistry** , Volume: 16 Issue: Suppl 2 2023 Sep

Authors Opi K,Dhinsa K,Tripathi AM,Saha S

[Role of microencapsulated Lactobacillus plantarum in alleviating intestinal inflammatory damage through promoting epithelial proliferation and differentiation in layer chicks.](#)

**Frontiers in microbiology** , Volume: 14 2023

Authors Cui Y,Huang P,Duan H,Song S,Gan L,Liu Z,Lin Q,Wang J,Qi G,Guan J

[Next-generation sequencing of the athletic gut microbiota: a systematic review.](#)

**Microbiome research reports** , Volume: 2 Issue: 1 2023

Authors Sabater C,Iglesias-Gutiérrez E,Ruiz L,Margolles A

[Bacillus coagulans prevents the decline in average daily feed intake in young piglets infected with enterotoxigenic Escherichia coli K88 by reducing intestinal injury and regulating the gut microbiota.](#)

**Frontiers in cellular and infection microbiology** , Volume: 13 2023

Authors Zhang Y,Tian X,Dong Y,Li R,Shen M,Yi D,Wu T,Wang L,Zhao D,Hou Y

[Effects of different wheat bran fermentation sources on growth performance, nutrient digestibility, serum antioxidant capacity and fecal microbiota in growing pigs.](#)

**Frontiers in veterinary science** , Volume: 10 2023

Authors Liu H,Ren X,Li Y,Cao Q,Yang L,Jiang S,Fu J,Gao J,Yan L,Li J,Yang W

[Prebiotic potential of green banana flour: impact on gut microbiota modulation and microbial metabolic activity in a murine model.](#)

**Frontiers in nutrition** , Volume: 10 2023

Authors Baek GH,Kim YJ,Lee Y,Jung SC,Seo HW,Kim JS

[Benefits of tributyrin on growth performance, gastrointestinal tract development, ruminal bacteria and volatile fatty acid formation of weaned Small-Tailed Han lambs.](#)

**Animal nutrition (Zhongguo xu mu shou yi xue hui)** , Volume: 15 2023 Dec

Authors Li Z,Wang X,Wang W,An R,Wang Y,Ren Q,Xuan J

[Piglet growth performance improved by dietary supplementation of porous or nano particles of zinc oxide may be related to the gut microbiota.](#)

**Animal nutrition (Zhongguo xu mu shou yi xue hui)** , Volume: 15 2023 Dec

Authors Long L,Zhao X,Chen J,Wang Z,Tang Y,Huang J,Yin Y

[Distinct Microbial Taxa Are Associated with LDL-Cholesterol Reduction after 12 Weeks of Lactobacillus plantarum Intake in Mild Hypercholesterolemia: Results of a Randomized Controlled Study.](#)

**Probiotics and antimicrobial proteins** , 2023 Nov 28

Authors Kerlikowsky F,Müller M,Greupner T,Amend L,Strowig T,Hahn A

[2'-Fucosyllactose alleviates OVA-induced food allergy in mice by ameliorating intestinal microecology and regulating the imbalance of Th2/Th1 proportion.](#)

**Food & function** , Volume: 14 Issue: 24 2023 Dec 11

Authors Kou R,Wang J,Li A,Wang Y,Fan D,Zhang B,Fu W,Liu J,Fu H,Wang S

[Antioxidant Capacity of Eugenol and Its Effect on Intestinal Flora Under in Vitro Simulated Conditions.](#)

**Studies in health technology and informatics** , Volume: 308 2023 Nov 23

Authors Dai J

[Influence of Brown or Germinated Brown Rice Supplementation on Fecal Short-Chain Fatty Acids and Microbiome in Diet-](#)

Induced Insulin-Resistant Mice.**Microorganisms** , Volume: 11 Issue: 11 2023 Oct 25

Authors Zhao R,Fajardo J,Shen GX

Effects of Dietary Bacillus coagulans and Tributyrin on Growth Performance, Serum Antioxidants, Intestinal Morphology, and Cecal Microbiota of Growing Yellow-Feathered Broilers.**Animals : an open access journal from MDPI** , Volume: 13 Issue: 22 2023 Nov 15

Authors Hou J,Lian L,Lu L,Gu T,Zeng T,Chen L,Xu W,Li G,Wu H,Tian Y

Cannabis and Endometriosis: The Roles of the Gut Microbiota and the Endocannabinoid System.**Journal of clinical medicine** , Volume: 12 Issue: 22 2023 Nov 13

Authors Farooqi T,Bhuyan DJ,Low M,Sinclair J,Leonardi M,Armour M

Mouse intestinal microbiome modulation by oral administration of a GABA-producing Bifidobacterium adolescentis strain.**Microbiology spectrum** , Volume: 12 Issue: 1 2024 Jan 11

Authors Tamés H,Sabater C,Royo F,Margolles A,Falcón JM,Ruas-Madiedo P,Ruiz L

Gut microbiome supplementation as therapy for metabolic syndrome.**World journal of diabetes** , Volume: 14 Issue: 10 2023 Oct 15

Authors Antony MA,Chowdhury A,Edem D,Raj R,Nain P,Joglekar M,Verma V,Kant R

Epigallocatechin gallate alleviates osteoporosis by regulating the gut microbiota and serum metabolites in rats.**Food & function** , Volume: 14 Issue: 23 2023 Nov 27

Authors Han X,Fu Y,Wang K,Li S,Jiang C,Wang S,Wang Z,Liu G,Hu S

Biosynthesis of Al(2) O(3) and europium-doped Al(2) O(3) nanoparticle using Cymbopogon citratus (lemongrass) extract and its antibacterial property.**Luminescence : the journal of biological and chemical luminescence** , Volume: 39 Issue: 1 2024 Jan

Authors Tanwar SN,Parauha YR,There Y,Dhoble SJ

Modulating the gut microbiota is involved in the effect of low-molecular-weight Glycyrrhiza polysaccharide on immune function.**Gut microbes** , Volume: 15 Issue: 2 2023 Dec

Authors Song W,Wang Y,Li G,Xue S,Zhang G,Dang Y,Wang H

Utilization of diverse oligosaccharides for growth by Bifidobacterium and Lactobacillus species and their in vitro co-cultivation characteristics.**International microbiology : the official journal of the Spanish Society for Microbiology** , 2023 Nov 9

Authors Dong Y,Han M,Fei T,Liu H,Gai Z

The Effects of Black Tea Consumption on Intestinal Microflora-A Randomized Single-Blind Parallel-Group, Placebo-Controlled Study.**Journal of nutritional science and vitaminology** , Volume: 69 Issue: 5 2023

Authors Tomioka R,Tanaka Y,Suzuki M,Ebihara S

Cooperative interactions between Veillonella ratti and Lactobacillus acidophilus ameliorate DSS-induced ulcerative colitis in mice.**Food & function** , Volume: 14 Issue: 23 2023 Nov 27

Authors Li N,Wang H,Zhao H,Wang M,Cai J,Hao Y,Yu J,Jiang Y,Lü X,Liu B

Grape seed proanthocyanidin improves intestinal inflammation in canine through regulating gut microbiota and bile acid compositions.**FASEB journal : official publication of the Federation of American Societies for Experimental Biology** , Volume: 37 Issue: 12 2023 Dec

Authors Zhang M,Mo R,Wang H,Liu T,Zhang G,Wu Y

Gut microbiota and metabolic modulation by supplementation of polysaccharide-producing Bacillus licheniformis from Tibetan Yaks: A comprehensive multi-omics analysis.**International journal of biological macromolecules** , Volume: 254 Issue: Pt 2 2024 Jan

Authors Zeng Z,Quan C,Zhou S,Gong S,Iqbal M,Kulyar MF,Nawaz S,Li K,Li J

Antitumor effect of exopolysaccharide from Lactiplantibacillus plantarum WLPL09 on melanoma mice via regulating immunity and gut microbiota.**International journal of biological macromolecules** , Volume: 254 Issue: Pt 1 2023 Oct 31

Authors Wang Q,Jiang B,Wei M,He Y,Wang Y,Zhang Q,Wei H,Tao X

Effectiveness of probiotics and clove essential oils in improving growth performance, immuno-antioxidant status, ileum morphometric, and microbial community structure for heat-stressed broilers.**Scientific reports** , Volume: 13 Issue: 1 2023 Nov 1

Authors Elbaz AM,Ashmawy ES,Ali SAM,Mourad DM,El-Samahy HS,Badri FB,Thabet HA

Spices as Sustainable Food Preservatives: A Comprehensive Review of Their Antimicrobial Potential.**Pharmaceuticals (Basel, Switzerland)** , Volume: 16 Issue: 10 2023 Oct 12

**Authors** Sulieman AME, Abdallah EM, Alanazi NA, Ed-Dra A, Jamal A, Idriss H, Alshammari AS, Shommo SAM

Whey Protein Hydrolysate Exerts Anti-Inflammatory Effects to Alleviate Dextran Sodium Sulfate (DSS)-Induced Colitis via Microbiome Restoration.

**Nutrients** , Volume: 15 Issue: 20 2023 Oct 17

**Authors** Zou W, Fu Z, Guo X, Yao L, Hong H, Luo Y, Tan Y

Effect of a Co-Feed Liquid Whey-Integrated Diet on Crossbred Pigs` Fecal Microbiota.

**Animals : an open access journal from MDPI** , Volume: 13 Issue: 11 2023 May 25

**Authors** Sutura AM, Arfuso F, Tardiolo G, Riggio V, Fazio F, Aiese Cigliano R, Paytuví A, Piccione G, Zumbo A

Antibacterial activity of herbal formulation against common oral pathogens.

**Bioinformation** , Volume: 19 Issue: 5 2023

**Authors** Varghese RM, Aravind Kumar S, Rajeshkumar S

Uncovering the promising role of grape pomace as a modulator of the gut microbiome: An in-depth review.

**Heliyon** , Volume: 9 Issue: 10 2023 Oct

**Authors** Sinrod AJG, Shah IM, Surek E, Barile D

Differential effects of plant-based flours on metabolic homeostasis and the gut microbiota in high-fat fed rats.

**Nutrition & metabolism** , Volume: 20 Issue: 1 2023 Oct 19

**Authors** Martinez TM, Wachsmuth HR, Meyer RK, Weninger SN, Lane AI, Kangath A, Schiro G, Laubitz D, Stern JH, Duca FA

Phlorizin Mitigates Dextran Sulfate Sodium-Induced Colitis in Mice by Modulating Gut Microbiota and Inhibiting Ferroptosis.

**Journal of agricultural and food chemistry** , 2023 Oct 19

**Authors** Cheng J, Liu D, Huang Y, Chen L, Li Y, Yang Z, Fu S, Hu G

Effect of grape pomace supplement on growth performance, gastrointestinal microbiota, and methane production in Tan lambs.

**Frontiers in microbiology** , Volume: 14 2023

**Authors** Cheng X, Du X, Liang Y, Degen AA, Wu X, Ji K, Gao Q, Xin G, Cong H, Yang G

Thymus Vulgaris Oil Nanoemulsion: Synthesis, Characterization, Antimicrobial and Anticancer Activities.

**Molecules (Basel, Switzerland)** , Volume: 28 Issue: 19 2023 Oct 2

**Authors** Doghish AS, Shehabeldine AM, El-Mahdy HA, Hassanin MMH, Al-Askar AA, Marey SA, Abdelgawad H, Hashem AH

Whole-Grain Highland Barley Attenuates Atherosclerosis Associated with NLRP3 Inflammasome Pathway and Gut Microbiota in ApoE(-/-) Mice.

**Nutrients** , Volume: 15 Issue: 19 2023 Sep 28

**Authors** Wu T, Yu Q, Luo Y, Dai Z, Zhang Y, Wang C, Shen Q, Xue Y

Ameliorating Effects of Bifidobacterium longum subsp. infantis FB3-14 against High-Fat-Diet-Induced Obesity and Gut Microbiota Disorder.

**Nutrients** , Volume: 15 Issue: 19 2023 Sep 22

**Authors** Kou R, Wang J, Li A, Wang Y, Zhang B, Liu J, Sun Y, Wang S

Early supplementation with zinc proteinate does not change rectal microbiota but increases growth performance by improving antioxidant capacity and plasma zinc concentration in preweaned dairy calves.

**Frontiers in veterinary science** , Volume: 10 2023

**Authors** Liu J, Yu X, Ma F, Wo Y, Jin Y, Hashem NM, Sun P

Biological activities, therapeutic potential, and pharmacological aspects of blackcurrants (Ribes nigrum L): A comprehensive review.

**Food science & nutrition** , Volume: 11 Issue: 10 2023 Oct

**Authors** Ejaz A, Waliat S, Afzaal M, Saeed F, Ahmad A, Din A, Ateeq H, Asghar A, Shah YA, Rafi A, Khan MR

Do NSAIDs and Other Pain Relief Drugs Can Inhibit the Growth of Lactobacillaceae?

**Polish journal of microbiology** , Volume: 72 Issue: 4 2023 Dec 1

**Authors** Kruszevska H, Zawistowska-Rojek A, Tyski S

Butyrogenic, bifidogenic and slight anti-inflammatory effects of a green kiwifruit powder (Kiwi FFG®) in a human gastrointestinal model simulating mild constipation.

**Food research international (Ottawa, Ont.)** , Volume: 173 Issue: Pt 2 2023 Nov

**Authors** Goya-Jorge E, Bondue P, Gonza I, Laforêt F, Antoine C, Boutaleb S, Douny C, Scippo ML, de Ribaucourt JC, Crahay F, Delcenserie V

Antitumor, Antioxidant, and Antimicrobial Properties and Anticancer Potential of Novel Environmentally Friendly Amide-Modified Gallic Acid Derivatives.

**Journal of agricultural and food chemistry** , 2023 Oct 6

**Authors** Wang X, Cong J, Zhang L, Han Z, Jiang X, Yu L

Highland barley attenuates high fat and cholesterol diet induced hyperlipidemia in mice revealed by 16S rRNA gene sequencing and untargeted metabolomics.

**Life sciences** , Volume: 334 2023 Dec 1

**Authors** Li X,Wang L

Apple consumption affects cecal health by regulating 12S-hydroxy-5Z,8Z,10E,14Z-eicosatetraenoic acid (12(S)-HETE) levels through modifying the microbiota in rats.

**Food & function** , Volume: 14 Issue: 20 2023 Oct 16

**Authors** Wang C,Liu XL,Sun Q,Zhao FY,Dai PQ,Li LX,Hu DG

The effect of physical exercise and dairy probiotics (Lactobacillus casei) on gut microbiome in childhood cancer survivors.

**Neoplasma** , Volume: 70 Issue: 4 2023 Aug

**Authors** Bielik V,Hric I,Šmahová S,Tkaciková M,Hlaváčová V,Nechalová L,Ugrayová S,Kolenová A

Diet and gut microbial associations in irritable bowel syndrome according to disease subtype.

**Gut microbes** , Volume: 15 Issue: 2 2023 Dec

**Authors** Wang Y,Ma W,Mehta R,Nguyen LH,Song M,Drew DA,Asnicar F,Huttenhower C,Segata N,Wolf J,Spector T,Berry S,Staller K,Chan AT

Enterococcus faecium C171: Modulating the Immune Response to Acute Lethal Viral Challenge.

**International journal of antimicrobial agents** , Volume: 62 Issue: 5 2023 Nov

**Authors** Mi J,He T,Hu X,Wang Z,Wang T,Qi X,Li K,Gao L,Liu C,Zhang Y,Wang S,Qiu Y,Liu Z,Song J,Wang X,Gao Y,Cui H

Isolation and characterization of potential Lactobacillus acidophilus strains isolated from pig feces.

**Animal science journal = Nihon chikusan Gakkaiho** , Volume: 94 Issue: 1 2023 Jan-Dec

**Authors** Liu Z,Zhang W,Huang T,Xiao M,Peng Z,Peng F,Guan Q,Xie MY,Xiong T

Combined oral intake of short and long fructans alters the gut microbiota in food allergy model mice and contributes to food allergy prevention.

**BMC microbiology** , Volume: 23 Issue: 1 2023 Sep 22

**Authors** Takahashi H,Fujii T,Yamakawa S,Yamada C,Fujiki K,Kondo N,Funasaka K,Hirooka Y,Tochio T

Effects of dietary supplement with licorice and rutin mixture on production performance, egg quality, antioxidant capacity, and gut microbiota in quails (Turnix tanki).

**Poultry science** , Volume: 102 Issue: 11 2023 Nov

**Authors** Li Y,Du X,Pian H,Fan X,Zhang Y,Wang T,Zhai F,Abro SM,Yu D

Effect of Probiotic Supplementation on the Gut Microbiota Composition of Infants Delivered by Cesarean Section: An Exploratory, Randomized, Open-label, Parallel-controlled Trial.

**Current microbiology** , Volume: 80 Issue: 11 2023 Sep 15

**Authors** Gong Y,Zhong H,Wang J,Wang X,Huang L,Zou Y,Qin H,Yang R

Quality control, phytochemical profile, and biological activities of Crataegus monogyna Jacq. and Crataegus laciniata Ucria fruits aqueous extracts.

**Saudi pharmaceutical journal : SPJ : the official publication of the Saudi Pharmaceutical Society** , Volume: 31 Issue: 10 2023 Oct

**Authors** Zahrae Radi F,Bencheikh N,Anarghou H,Bouhrim M,Alqahtani AS,Hawwal MF,Noman OM,Bnouham M,Zair T

Genomic DNA Extracted from Lactiplantibacillus plantarum Attenuates Porphyromonas gingivalis Lipopolysaccharide (LPS)-Induced Inflammatory Responses via Suppression of Toll-Like Receptor (TLR)-Mediated Mitogen-Activated Protein Kinase (MAPK) and Nuclear Factor- $\kappa$ B (NF- $\kappa$ B) Signaling Pathways.

**Food science of animal resources** , Volume: 43 Issue: 5 2023 Sep

**Authors** Choi YH,Kim BS,Kang SS

Assessment of chemical compositions and antibacterial activity of the essential oil of Mentha piperita in response to salicylic acid.

**Natural product research** , Volume: 38 Issue: 20 2024 Oct

**Authors** Afkar S

The effects of Ascophyllum nodosum, Camellia sinensis-leaf extract, and their joint interventions on glycolipid and energy metabolism in obese mice.

**Frontiers in nutrition** , Volume: 10 2023

**Authors** Xu Y,Jia X,Zhang W,Xie Q,Zhu M,Zhao Z,Hao J,Li H,Du J,Liu Y,Feng H,He J,Li H

In vitro antimicrobial and cytotoxic activity of Neem and Kirata herbal formulation mediated Silver nanoparticles.

**Bioinformation** , Volume: 18 Issue: 11 2022

**Authors** R R,Sp SD,B N,S R

Effect of Ginger Root Powder on Gastrointestinal Bacteria Composition, Gastrointestinal Symptoms, Mental Health, Fatigue, and Quality of Life: A Double-Blind Placebo-Controlled Trial.

**The Journal of nutrition** , Volume: 153 Issue: 11 2023 Nov

**Authors** Crichton M,Marshall S,Marx W,Isenring E,Vázquez-Campos X,Dawson SL,Lohning A

Microbial modifications with Lycium barbarum L. oligosaccharides decrease hepatic fibrosis and mitochondrial abnormalities in mice.

**Phytomedicine : international journal of phytotherapy and phytopharmacology** , Volume: 120 2023 Nov

**Authors** Zhang Z,Lu W,Liu P,Li M,Ge X,Yu B,Wu Z,Liu G,Ding N,Cui B,Chen X

Water extract of goji berries improves neuroinflammation induced by a high-fat and high-fructose diet based on the bile acid-mediated gut-brain axis pathway.

**Food & function** , Volume: 14 Issue: 18 2023 Sep 19

**Authors** Dong W,Huang Y,Shu Y,Fan X,Tian X,Yan Y,Mi J,Lu L,Zeng X,Cao Y

Antidepressant properties of voluntary exercise mediated by gut microbiota.

**Bioscience, biotechnology, and biochemistry** , Volume: 87 Issue: 11 2023 Oct 25

**Authors** Watanabe C,Oyanagi E,Aoki T,Hamada H,Kawashima M,Yamagata T,Kremenik MJ,Yano H

The chronic consumption of dietary fructose promotes the gut Clostridium species imbalance and bile acid alterations in developing nonalcoholic fatty liver disease.

**The Journal of nutritional biochemistry** , Volume: 121 2023 Nov

**Authors** Zhang D,Wang H,Liu A,Wang S,Xu C,Lan K,Xiang W,Zhu K,Xiao Y,Fu J,Jiang R,Chen W,Ni Y

Resveratrol alleviates DSS-induced IBD in mice by regulating the intestinal microbiota-macrophage-arginine metabolism axis.

**European journal of medical research** , Volume: 28 Issue: 1 2023 Sep 2

**Authors** Xu X,Ocansey DKW,Pei B,Zhang Y,Wang N,Wang Z,Mao F

Positive efficacy of Lactiplantibacillus plantarum MH-301 as a postoperative adjunct to endoscopic sclerotherapy for internal hemorrhoids: a randomized, double-blind, placebo-controlled trial.

**Food & function** , 2023 Sep 1

**Authors** Zhang K,Liu H,Liu P,Feng Q,Gan L,Yao L,Huang G,Fang Z,Chen T,Fang N

Lactobacillus paracasei AH2 isolated from Chinese sourdough alleviated gluten-induced food allergy through modulating gut microbiota and promoting short-chain fatty acid accumulation in a BALB/c mouse model.

**Journal of the science of food and agriculture** , Volume: 104 Issue: 2 2024 Jan 30

**Authors** Chen C,Liu C,Mu K,Xue W

Immunomodulatory effects of inulin and its intestinal metabolites.

**Frontiers in immunology** , Volume: 14 2023

**Authors** Sheng W, Ji G,Zhang L

Bifidobacterium animalis subsp. lactis HN019 has antimicrobial activity against endodontic pathogens in vitro.

**Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology]** , 2023 Aug 26

**Authors** Araujo LDC,da Silva RAB,Silva CMPC,Salvador SLS,Messora MR,Furlaneto FAC,Mastrange MDA,Pucinelli CM,da Silva LAB

Relationship between Oat Consumption, Gut Microbiota Modulation, and Short-Chain Fatty Acid Synthesis: An Integrative Review.

**Nutrients** , Volume: 15 Issue: 16 2023 Aug 11

**Authors** Fabiano GA,Shinn LM,Antunes AEC

Organic zinc glycine chelate is better than inorganic zinc in improving growth performance of cherry valley ducks by regulating intestinal morphology, barrier function, and the gut microbiome.

**Journal of animal science** , Volume: 101 2023 Jan 3

**Authors** Chang Y,Wang K,Wen M,Wu B,Liu G,Zhao H,Chen X,Cai J,Jia G

Supplementation of ginger root extract into broiler chicken diet: effects on growth performance and immunocompetence.

**Poultry science** , Volume: 102 Issue: 10 2023 Jul 11

**Authors** Dosu G,Obanla TO,Zhang S,Sang S,Adetunji AO,Fahrenheit AC,Ferket PR,Nagabhushanam K,Fasina YO

Tributyrin alleviates gut microbiota dysbiosis to repair intestinal damage in antibiotic-treated mice.

**PloS one** , Volume: 18 Issue: 7 2023

**Authors** Yang N,Lan T,Han Y,Zhao H,Wang C,Xu Z,Chen Z,Tao M,Li H,Song Y,Ma X

Effect of an Enteroprotective Complementary Feed on Faecal Markers of Inflammation and Intestinal Microbiota Composition in Weaning Puppies.

**Veterinary sciences** , Volume: 10 Issue: 7 2023 Jul 3

**Authors** Meineri G,Cocolin L,Morelli G,Schievano C,Atuahene D,Ferrocino I

The impact of aerobic exercise training on cognitive function and gut microbiota in methamphetamine-dependent individuals in the community.

**Physiology & behavior** , Volume: 270 2023 Oct 15

**Authors** Zhu Y,Zhu J,Song G

The anti-hyperlipidemic effect and underlying mechanisms of barley (Hordeum vulgare L.) grass polysaccharides in mice induced by a high-fat diet.

**Food & function** , 2023 Jul 14

**Authors** Yan JK,Chen TT,Li LQ,Liu F,Liu X,Li L

Influences of wheat bran fiber on growth performance, nutrient digestibility, and intestinal epithelium functions in Xiangcun

pigs.

**Heliyon , Volume: 9 Issue: 7 2023 Jul**

Authors Liu J,Luo Y,Kong X,Yu B,Zheng P,Huang Z,Mao X,Yu J,Luo J,Yan H,He J

Bile Acids and Short-Chain Fatty Acids Are Modulated after Onion and Apple Consumption in Obese Zucker Rats.

**Nutrients , Volume: 15 Issue: 13 2023 Jul 5**

Authors Balderas C,de Ancos B,Sánchez-Moreno C

Bacillus coagulans MZY531 alleviates intestinal mucosal injury in immunosuppressive mice via modulating intestinal barrier, inflammatory response, and gut microbiota.

**Scientific reports , Volume: 13 Issue: 1 2023 Jul 10**

Authors Zhao Z,Sun M,Cui X,Chen J,Liu C,Zhang X

The probiotic Lactobacillus casei Zhang-mediated correction of gut dysbiosis ameliorates peritoneal fibrosis by suppressing macrophage-related inflammation via the butyrate/PPAR- $\gamma$ /NF- $\kappa$ B pathway.

**Food & function , Volume: 14 Issue: 15 2023 Jul 31**

Authors Wu Z,Zuo X,Wang X,Shi M,Zhu H,Cao C,Liu X,Liang W,Yao Y,Wang L

Cinnamon oil solid self-microemulsion mediates chronic mild stress-induced depression in mice by modulating monoamine neurotransmitters, corticosterone, inflammation cytokines, and intestinal flora.

**Heliyon , Volume: 9 Issue: 6 2023 Jun**

Authors Ma T,Tang B,Wang Y,Shen M,Ping Y,Wang L,Su J

Effects of organic zinc on production performance, meat quality, apparent nutrient digestibility and gut microbiota of broilers fed low-protein diets.

**Scientific reports , Volume: 13 Issue: 1 2023 Jul 4**

Authors Dong L,Li Y,Zhang Y,Zhang Y,Ren J,Zheng J,Diao J,Ni H,Yin Y,Sun R,Liang F,Li P,Zhou C,Yang Y

Antibacterial Activities of Mint (Mentha piperita) Leaf Extracts (Aqueous) Against Two Food Borne infection causing pathogens: Staphylococcus aureus and Escherichia coli.

**Mymensingh medical journal : MMJ , Volume: 32 Issue: 3 2023 Jul**

Authors Afrin A,Ahmed AU,Zannat KE,Tanzim SM,Saha BC,Joyal JB,Aktar M,Nira NH,Sabrin F,Nahar S,Jahan S,Shimu RN,Hossain MA

Effects of Lactocaseibacillus casei (Lactobacillus casei) and Saccharomyces cerevisiae mixture on growth performance, hematological parameters, immunological responses, and intestinal microbiome in weaned pigs.

**Frontiers in veterinary science , Volume: 10 2023**

Authors Kim S,Kwak J,Song M,Cho J,Kim ES,Keum GB,Doo H,Pandey S,Cho JH,Ryu S,Kim S,Im YM,Kim HB

Goat and cow milk differ in altering the microbiota composition and neurotransmitter levels in insomnia mouse models.

**Food & function , Volume: 14 Issue: 14 2023 Jul 17**

Authors Mo L,Jing H,Du X,Zhao C,Lin Y,Li J,Wang H

Effect of Probiotic Yogurt Supplementation(Bifidobacterium animalis ssp. lactis BB-12) on Gut Microbiota of Female Taekwondo Athletes and Its Relationship with Exercise-Related Psychological Fatigue.

**Microorganisms , Volume: 11 Issue: 6 2023 May 26**

Authors Zhu J,Zhu Y,Song G

Association of Estimated Daily Lactose Consumption, Lactase Persistence Genotype (rs4988235), and Gut Microbiota in Healthy Adults in the United States.

**The Journal of nutrition , Volume: 153 Issue: 8 2023 Aug**

Authors Kable ME,Chin EL,Huang L,Stephensen CB,Lemay DG

Dietary Prebiotic Oligosaccharides and Arachidonate Alter the Fecal Microbiota and Mucosal Lipid Composition of Suckling Pigs.

**The Journal of nutrition , 2023 Jun 20**

Authors Eudy BJ,Odle J,Lin X,Maltecca C,Walter KR,McNulty NP,Fellner V,Jacobi SK

Probiotic modulation of gut microbiota by Bacillus coagulans MTCC 5856 in healthy subjects: A randomized, double-blind, placebo-control study.

**Medicine , Volume: 102 Issue: 20 2023 May 19**

Authors Majeed M,Nagabhushanam K,Mundkur L,Paulose S,Divakar H,Rao S,Arumugam S

Crosstalk between dietary pomegranate and gut microbiota: evidence of health benefits.

**Critical reviews in food science and nutrition , 2023 Jun 19**

Authors Yin Y,Martínez R,Zhang W,Estévez M

Targeted modification of gut microbiota and related metabolites via dietary fiber.

**Carbohydrate polymers , Volume: 316 2023 Sep 15**

Authors Nie Q,Sun Y,Li M,Zuo S,Chen C,Lin Q,Nie S

Characteristic Gut Bacteria in High Barley Consuming Japanese Individuals without Hypertension.

**Microorganisms , Volume: 11 Issue: 5 2023 May 9**

Authors Maruyama S,Matsuoka T,Hosomi K,Park J,Nishimura M,Murakami H,Konishi K,Miyachi M,Kawashima H,Mizuguchi K,Kobayashi T,Ooka T,Yamagata Z,Kunisawa J

[Modulatory Effects of A1 Milk, A2 Milk, Soy, and Egg Proteins on Gut Microbiota and Fermentation.](#)

**Microorganisms** , Volume: 11 Issue: 5 2023 May 3

Authors Nuomin,Baek R,Tsuruta T,Nishino N

[In vitro simulated fecal fermentation of mixed grains on short-chain fatty acid generation and its metabolized mechanism.](#)

**Food research international (Ottawa, Ont.)** , Volume: 170 2023 Aug

Authors Xu L,Yu Q,Ma L,Su T,Zhang D,Yao D,Li Z

[Effects of exercise and physical activity on gut microbiota composition and function in older adults: a systematic review.](#)

**BMC geriatrics** , Volume: 23 Issue: 1 2023 Jun 12

Authors Aya V,Jimenez P,Muñoz E,Ramírez JD

[Lactobacillus casei and Its Supplement Alleviate Stress-Induced Depression and Anxiety in Mice by the Regulation of BDNF Expression and NF- \$\kappa\$ B Activation.](#)

**Nutrients** , Volume: 15 Issue: 11 2023 May 26

Authors Ma X,Shin YJ,Park HS,Jeong JW,Kim JY,Shim JJ,Lee JL,Kim DH

[Regulation of Gut Microflora by Lactobacillus casei Zhang Attenuates Liver Injury in Mice Caused by Anti-Tuberculosis Drugs.](#)

**International journal of molecular sciences** , Volume: 24 Issue: 11 2023 May 29

Authors Li Y,Zhao L,Sun C,Yang J,Zhang X,Dou S,Hua Q,Ma A,Cai J

[Bacillus amyloliquefaciens alleviates the pathological injuries in mice infected with Schistosoma japonicum by modulating intestinal microbiome.](#)

**Frontiers in cellular and infection microbiology** , Volume: 13 2023

Authors Chen H,Sun R,Wang J,Yao S,Batool SS,Yu Z,Huang S,Huang J

[Bifidobacterium bifidum E3 Combined with Bifidobacterium longum subsp. infantis E4 Improves LPS-Induced Intestinal Injury by Inhibiting the TLR4/NF- \$\kappa\$ B and MAPK Signaling Pathways In Vivo.](#)

**Journal of agricultural and food chemistry** , Volume: 71 Issue: 23 2023 Jun 14

Authors Yue Y,Wang Y,Xie Q,Lv X,Zhou L,Smith EE,Cao T,Zhang Y,Li B,Huo G,Ma W

[Heat-Killed Bifidobacterium longum BBMN68 in Pasteurized Yogurt Alleviates Mugwort Pollen-Induced Allergic Airway Responses through Gut Microbiota Modulation in a Murine Model.](#)

**Foods (Basel, Switzerland)** , Volume: 12 Issue: 10 2023 May 19

Authors Niu X,Yin X,Wu X,Zhang Q,Jiang Y,He J,Zhao Y,Zhang C,Ren Y,Lai M,Sang Y,Wang R

[Comparison of the Effects of Enzymolysis Seaweed Powder and Saccharomyces boulardii on Intestinal Health and Microbiota Composition in Kittens.](#)

**Metabolites** , Volume: 13 Issue: 5 2023 May 8

Authors Zhang M,Mo R,Li M,Qu Y,Wang H,Liu T,Liu P,Wu Y

[Selenium-enriched Bifidobacterium longum DD98 relieves irritable bowel syndrome induced by chronic unpredictable mild stress in mice.](#)

**Food & function** , Volume: 14 Issue: 11 2023 Jun 6

Authors Jin X,Hu Y,Lin T,Gao F,Xu Z,Hou X,Yin Y,Kan S,Zhu H,Chen D

[Dietary Supplementation of Brevibacillus laterosporus S62-9 Improves Broiler Growth and Immunity by Regulating Cecal Microbiota and Metabolites.](#)

**Probiotics and antimicrobial proteins** , 2023 May 22

Authors Zhi T,Ma A,Liu X,Chen Z,Li S,Jia Y

[Supplementation with inulin-type fructans affects gut microbiota and attenuates some of the cardiometabolic benefits of a plant-based diet in individuals with overweight or obesity.](#)

**Frontiers in nutrition** , Volume: 10 2023

Authors Aldubayan MA,Mao X,Laursen MF,Pigsborg K,Christensen LH,Roager HM,Nielsen DS,Hjorth MF,Magkos F

[Microencapsulation of Lactobacillus plantarum MB001 and its probiotic effect on growth performance, cecal microbiome and gut integrity of broiler chickens in a tropical climate.](#)

**Animal bioscience** , Volume: 36 Issue: 8 2023 Aug

Authors Vimom S,Angkanaporn K,Nuengjamnong C

[Effect of the combination of Lactobacillus acidophilus \(probiotic\) with vitamin K3 and vitamin E on Escherichia coli and Staphylococcus aureus: An in vitro pathogen model.](#)

**Molecular medicine reports** , Volume: 27 Issue: 6 2023 Jun

Authors Celebi O,Taghizadehghalehjoughi A,Celebi D,Mesnage R,Golokhvast KS,Arsene AL,Spandidos DA,Tsatsakis A

[Lactulose regulates gut microbiota dysbiosis and promotes short-chain fatty acids production in acute pancreatitis patients with intestinal dysfunction.](#)

**Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie** , Volume: 163 2023 Jul

Authors Wang J,Jiang M,Hu Y,Lei Y,Zhu Y,Xiong H,He C

[Prevention of High-Fat-Diet-Induced Dyslipidemia by Lactobacillus plantarum LP104 through Mediating Bile Acid Enterohepatic Axis Circulation and Intestinal Flora.](#)

**Journal of agricultural and food chemistry** , Volume: 71 Issue: 19 2023 May 17

Authors Wang Y,Xing X, Ma Y, Fan Y, Zhang Y, Nan B, Li X, Wang Y, Liu J

[Bacillus licheniformis reverses the environmental ceftriaxone sodium-induced gut microbial dysbiosis and intestinal inflammation in mice.](#)

**Ecotoxicology and environmental safety** , Volume: 257 2023 Jun 1

Authors Zeng Z, Yue W, Kined C, Wang P, Liu R, Liu J, Chen X

[Lactobacillus plantarum CCFM405 against Rotenone-Induced Parkinson's Disease Mice via Regulating Gut Microbiota and Branched-Chain Amino Acids Biosynthesis.](#)

**Nutrients** , Volume: 15 Issue: 7 2023 Apr 1

Authors Chu C, Yu L, Li Y, Guo H, Zhai Q, Chen W, Tian F

[Psychobiotic Lactobacillus plantarum JYLP-326 relieves anxiety, depression, and insomnia symptoms in test anxious college via modulating the gut microbiota and its metabolism.](#)

**Frontiers in immunology** , Volume: 14 2023

Authors Zhu R, Fang Y, Li H, Liu Y, Wei J, Zhang S, Wang L, Fan R, Wang L, Li S, Chen T

[Theabrownin of raw and ripened pu-erh tea varies in the alleviation of HFD-induced obesity via the regulation of gut microbiota.](#)

**European journal of nutrition** , Volume: 62 Issue: 5 2023 Aug

Authors Deng X, Zhang N, Wang Q, Huang Y, Huang Y, Lin Y, Huang M, Zheng F, Xiao M, Ye J

[Effects of an inulin fiber diet on the gut microbiome, colon, and inflammatory biomarkers in aged mice.](#)

**Experimental gerontology** , Volume: 176 2023 Jun 1

Authors Hutchinson NT, Wang SS, Rund LA, Caetano-Silva ME, Allen JM, Johnson RW, Woods JA

[Bifidobacterium longum Administration Diminishes Parasitemia and Inflammation During Plasmodium berghei Infection in Mice.](#)

**Journal of inflammation research** , Volume: 16 2023

Authors Fitri LE, Sardjono TW, Winaris N, Pawestri AR, Endharti AT, Norahmawati E, Handayani D, Kurniawan SN, Azizah S, Alifia LI, Asiyah R, Ayuningtyas TR

[Effects of Pomegranate Peel Polyphenols Combined with Inulin on Gut Microbiota and Serum Metabolites of High-Fat-Induced Obesity Rats.](#)

**Journal of agricultural and food chemistry** , Volume: 71 Issue: 14 2023 Apr 12

Authors Shi H, Li X, Hou C, Chen L, Zhang Y, Li J

[Exploring the Potential of Lactobacillus helveticus R0052 and Bifidobacterium longum R0175 as Promising Psychobiotics Using SHIME.](#)

**Nutrients** , Volume: 15 Issue: 6 2023 Mar 21

Authors De Oliveira FL, Salgado MK, de Oliveira MT, Mesa V, Sartoratto A, Peregrino AM, Ramos WS, Sivieri K

[Antibacterial and Phytochemical Screening of Artemisia Species.](#)

**Antioxidants (Basel, Switzerland)** , Volume: 12 Issue: 3 2023 Feb 27

Authors Bordean ME, Ungur RA, Toc DA, Borda IM, Mar?i? GS, Pop CR, Filip M, Vlassa M, Nasui BA, Pop A, Cinteza D, Popa FL, Marian S, Szanto LG, Muste S

[Lactobacillus plantarum ZJ316 alleviates ulcerative colitis by inhibiting inflammation and regulating short-chain fatty acid levels and the gut microbiota in a mouse model.](#)

**Food & function** , Volume: 14 Issue: 9 2023 May 11

Authors Gu Q, Xia C, Liu N, Chen Z, Zhou Q, Li P

[Efficacy of Triphala extracts on the changes of obese fecal microbiome and metabolome in the human gut model.](#)

**Journal of traditional and complementary medicine** , Volume: 13 Issue: 2 2023 Mar

Authors Kwandee P, Somnuk S, Wanikorn B, Nakphaichit M, Tunsagool P

[Antimicrobial and immunoregulatory effects of Lactobacillus delbrueckii 45E against genitourinary pathogens.](#)

**Journal of biomedical science** , Volume: 30 Issue: 1 2023 Mar 23

Authors Bnfaga AA, Lee KW, Than LTL, Amin-Nordin S

[Ethanol extract of propolis regulates type 2 diabetes in mice via metabolism and gut microbiota.](#)

**Journal of ethnopharmacology** , Volume: 310 2023 Jun 28

Authors Guan R, Ma N, Liu G, Wu Q, Su S, Wang J, Geng Y

[Effects of fermented soybean meal supplementation on the growth performance and apparent total tract digestibility by modulating the gut microbiome of weaned piglets.](#)

**Scientific reports** , Volume: 13 Issue: 1 2023 Mar 6

Authors Muniyappan M, Shanmugam S, Park JH, Han K, Kim IH

[Characterization of procyanidin extracts from hawthorn \(Crataegus pinnatifida\) in human colorectal adenocarcinoma cell](#)

line Caco-2, simulated Digestion, and fermentation identified unique and novel prebiotic properties.

**Food research international (Ottawa, Ont.) , Volume: 165 2023 Mar**

Authors Han X,Zhou Q,Gao Z,Bianca Xu G,Chen H,Chitrakar B,Sun Y,Zhao W,Lin X,Zhou K,Zhang Z

Lactobacillus plantarum HFO2 alleviates lipid accumulation and intestinal microbiota dysbiosis in high-fat diet-induced obese mice.

**Journal of the science of food and agriculture , Volume: 103 Issue: 9 2023 Jul**

Authors Chen H,Zhao H,Qi X,Sun Y,Ma Y,Li Q

Goji berry leaf exerts a comparable effect against colitis and microbiota dysbiosis to its fruit in dextran-sulfate-sodium-treated mice.

**Food & function , Volume: 14 Issue: 7 2023 Apr 3**

Authors Yu C,Chen Y,Ahmadi S,Wu D,Wu J,Ding T,Liu D,Ye X,Chen S,Pan H

Dietary Bacillus licheniformis shapes the foregut microbiota, improving nutrient digestibility and intestinal health in broiler chickens.

**Frontiers in microbiology , Volume: 14 2023**

Authors Han Y,Xu X,Wang J,Cai H,Li D,Zhang H,Yang P,Meng K

Identification and characterization of the causative agents of Focal Ulcerative Dermatitis in commercial laying hens.

**Frontiers in veterinary science , Volume: 10 2023**

Authors Ayala DI,Grum DS,Evans NP,Russo KN,Kimminau EA,Trible BR,Lahoti MM,Novak CL,Karnezos TP

Dietary Administration of Black Raspberries and Arsenic Exposure: Changes in the Gut Microbiota and Its Functional Metabolites.

**Metabolites , Volume: 13 Issue: 2 2023 Jan 30**

Authors Tu P,Tang Q,Mo Z,Niu H,Hu Y,Wu L,Chen Z,Wang X,Gao B

Effect of Agaricus bisporus Polysaccharides on Human Gut Microbiota during In Vitro Fermentation: An Integrative Analysis of Microbiome and Metabolome.

**Foods (Basel, Switzerland) , Volume: 12 Issue: 4 2023 Feb 17**

Authors Duan H,Yu Q,Ni Y,Li J,Fan L

Dietary Supplementation with Probiotic Bacillus licheniformis S6 Improves Intestinal Integrity via Modulating Intestinal Barrier Function and Microbial Diversity in Weaned Piglets.

**Biology , Volume: 12 Issue: 2 2023 Feb 2**

Authors Sun W,Chen W,Meng K,Cai L,Li G,Li X,Jiang X

Efficacy of incremental loads of cow's milk as a treatment for lactose malabsorption in Japan.

**World journal of clinical cases , Volume: 11 Issue: 4 2023 Feb 6**

Authors Hasegawa M,Okada K,Nagata S,Sugihara S

Effects of kiwi fruit (Actinidia chinensis) polysaccharides on metabolites and gut microbiota of acrylamide-induced mice.

**Frontiers in nutrition , Volume: 10 2023**

Authors Chen M,Chen X,Wang K,Cai L,Liu N,Zhou D,Jia W,Gong P,Liu N,Sun Y

Intestinal microbial composition changes induced by Lactobacillus plantarum GBL 16, 17 fermented feed and intestinal immune homeostasis regulation in pigs.

**Journal of animal science and technology , Volume: 64 Issue: 6 2022 Nov**

Authors Yu DY,Oh SH,Kim IS,Kim GI,Kim JA,Moon YS,Jang JC,Lee SS,Jung JH,Park J,Cho KK

Donkey whey protein and peptides regulate gut microbiota community and physiological functions of D-galactose-induced aging mice.

**Food science & nutrition , Volume: 11 Issue: 2 2023 Feb**

Authors Zhou X,Tian X,Song L,Luo L,Ma Z,Zhang F

An in vitro analysis of how lactose modifies the gut microbiota structure and function of adults in a donor-independent manner.

**Frontiers in nutrition , Volume: 9 2022**

Authors Firrman J,Liu L,Mahalak K,Hu W,Bittinger K,Moustafa A,Jones SM,Narrowe A,Tomasula P

The Dietary Fermentable Fiber Inulin Alters the Intestinal Microbiome and Improves Chronic Kidney Disease Mineral-Bone Disorder in a Rat Model of CKD.

**bioRxiv : the preprint server for biology , 2023 Jan 31**

Authors Biruete A,Chen NX,Metzger CE,Srinivasan S,Oâ Neill K,Fallen PB,Fonseca A,Wilson HE,de Loor H,Evenepoel P,Swanson KS,Allen MR,Moe SM

Tributylin and anise mixture supplementation improves growth performance, nutrient digestibility, jejunal villus height, and fecal microbiota in weaned pigs.

**Frontiers in veterinary science , Volume: 10 2023**

Authors Dang X,Lee H,Lee SJ,Song JH,Mun S,Lee KY,Han K,Kim IH

Taiwanese green propolis ameliorates metabolic syndrome via remodeling of white adipose tissue and modulation of gut

microbiota in diet-induced obese mice.

**Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 160 2023 Apr**

Authors Chien YH,Yu YH,Chen YW

Lactocaseibacillus casei T1 attenuates Helicobacter pylori-induced inflammation and gut microbiota disorders in mice.

**BMC microbiology , Volume: 23 Issue: 1 2023 Feb 11**

Authors Yu Z,Cao M,Peng J,Wu D,Li S,Wu C,Qing L,Zhang A,Wang W,Huang M,Zhao J

Inulin supplementation prior to mild traumatic brain injury mitigates gut dysbiosis, and brain vascular and white matter deficits in mice.

**Frontiers in microbiomes , Volume: 1 2022**

Authors Yanckello LM,Chang YH,Sun M,Chlipala G,Green SJ,Lei Z,Ericsson AC,Xing X,Hammond TC,Bachstetter AD,Lin AL

Theabrownin from Fu Brick Tea Improves Ulcerative Colitis by Shaping the Gut Microbiota and Modulating the Tryptophan Metabolism.

**Journal of agricultural and food chemistry , Volume: 71 Issue: 6 2023 Feb 15**

Authors Yang W,Ren D,Shao H,Zhang X,Li T,Zhang L,Liu L,Zhao Y,Niu P,Yang X

Fructooligosaccharides (FOS) differentially modifies the in vitro gut microbiota in an age-dependent manner.

**Frontiers in nutrition , Volume: 9 2022**

Authors Mahalak KK,Firrmann J,Narrowe AB,Hu W,Jones SM,Bittinger K,Moustafa AM,Liu L

Beneficial metabolic transformations and prebiotic potential of hemp bran and its alcalase hydrolysate, after colonic fermentation in a gut model.

**Scientific reports , Volume: 13 Issue: 1 2023 Jan 27**

Authors Nissen L,Casciano F,Babini E,Gianotti A

Amelioration of cognitive impairment using epigallocatechin-3-gallate in ovariectomized mice fed a high-fat diet involves remodeling with Prevotella and Bifidobacteriales.

**Frontiers in pharmacology , Volume: 13 2022**

Authors Qu Y,Wu Y,Cheng W,Wang D,Zeng L,Wang Y,Li T,Zhang L,Yang J,Sun L,Ai J

Agaricus bisporus Polysaccharides Ameliorates Behavioural Deficits in D-Galactose-Induced Aging Mice: Mediated by Gut Microbiota.

**Foods (Basel, Switzerland) , Volume: 12 Issue: 2 2023 Jan 16**

Authors Duan H,Li J,Fan L

Lactobacillus acidophilus (LA) Fermenting Astragalus Polysaccharides (APS) Improves Calcium Absorption and Osteoporosis by Altering Gut Microbiota.

**Foods (Basel, Switzerland) , Volume: 12 Issue: 2 2023 Jan 6**

Authors Zhou J,Cheng J,Liu L,Luo J,Peng X

Camellia oil (Camellia oleifera Abel.) treatment improves high-fat diet-induced atherosclerosis in apolipoprotein E (ApoE)(-/-) mice.

**Bioscience of microbiota, food and health , Volume: 42 Issue: 1 2023**

Authors Huang T,Jiang J,Cao Y,Huang J,Zhang F,Cui G

Antibacterial activity of a novel glycyrrhizic acid-loaded chitosan composite nanogel in vitro against Staphylococcus aureus small colony variants.

**Current drug delivery , 2023 Jan 17**

Authors Ju M,Liu J,Guan D,Leng N,Algharib SA,Dawood AS,Luo W

Modified cereal bran (MCB) from finger millet, kodo millet, and rice bran prevents high-fat diet-induced metabolic derangements.

**Food & function , Volume: 14 Issue: 3 2023 Feb 6**

Authors Devi K,Kumar V,Kumar V,Mahajan N,Kaur J,Sharma S,Kumar A,Khan R,Bishnoi M,Kondepudi KK

Theabrownin inhibits obesity and non-alcoholic fatty liver disease in mice via serotonin-related signaling pathways and gut-liver axis.

**Journal of advanced research , Volume: 52 2023 Oct**

Authors Li HY,Huang SY,Zhou DD,Xiong RG,Luo M,Saimaiti A,Han MK,Gan RY,Zhu HL,Li HB

Bacillus amyloliquefaciens 40 regulates piglet performance, antioxidant capacity, immune status and gut microbiota.

**Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 12 2023 Mar**

Authors Jiang Z,Su W,Li W,Wen C,Du S,He H,Zhang Y,Gong T,Wang X,Wang Y,Jin M,Lu Z

Impact of Saccharomyces boulardii CNCM I-745 on Bacterial Overgrowth and Composition of Intestinal Microbiota in Diarrhea-Predominant Irritable Bowel Syndrome Patients: Results of a Randomized Pilot Study.

**Digestive diseases (Basel, Switzerland) , Volume: 41 Issue: 5 2023**

Authors Bustos Fernández LM,Man F,Lasa JS

Probiotic Bifidobacterium longum BB68S Improves Cognitive Functions in Healthy Older Adults: A Randomized, Double-Blind, Placebo-Controlled Trial.

**Nutrients** , Volume: 15 Issue: 1 2022 Dec 22

Authors Shi S,Zhang Q,Sang Y,Ge S,Wang Q,Wang R,He J

[Inulin intervention attenuates hepatic steatosis in rats via modulating gut microbiota and maintaining intestinal barrier function.](#)

**Food research international (Ottawa, Ont.)** , Volume: 163 2023 Jan

Authors Yang Z,Su H,Lv Y,Tao H,Jiang Y,Ni Z,Peng L,Chen X

[Enhanced antimicrobial and antioxidant capacity of Thymus vulgaris, Lippia sidoides, and Cymbopogon citratus emulsions when combined with mannosylerythritol a lipid biosurfactant.](#)

**Food research international (Ottawa, Ont.)** , Volume: 163 2023 Jan

Authors Zannotto AW,Kanemaru MYS,de Souza FG,Duarte MCT,de Andrade CJ,Pastore GM

[Diet-rich in wheat bran modulates tryptophan metabolism and AhR/IL-22 signalling mediated metabolic health and gut dysbacteriosis: A novel prebiotic-like activity of wheat bran.](#)

**Food research international (Ottawa, Ont.)** , Volume: 163 2023 Jan

Authors Yan T,Shi L,Liu T,Zhang X,Yang M,Peng W,Sun X,Yan L,Dai X,Yang X

[Thyme \(Thymus vulgaris L.\) polyphenols ameliorate DSS-induced ulcerative colitis of mice by mitigating intestinal barrier damage, regulating gut microbiota, and suppressing TLR4/NF- \$\kappa\$ B-NLRP3 inflammasome pathways.](#)

**Food & function** , Volume: 14 Issue: 2 2023 Jan 23

Authors Zhou Z,He W,Tian H,Zhan P,Liu J

[Bifidobacterium animalis subsp. lactis BL-99 ameliorates colitis-related lung injury in mice by modulating short-chain fatty acid production and inflammatory monocytes/macrophages.](#)

**Food & function** , Volume: 14 Issue: 2 2023 Jan 23

Authors Nan X,Zhao W,Liu WH,Li Y,Li N,Hong Y,Cui J,Shang X,Feng H,Hung WL,Peng G

[The administration of Enterococcus faecium SF68 counteracts compositional shifts in the gut microbiota of diet-induced obese mice.](#)

**Frontiers in microbiology** , Volume: 13 2022

Authors Panattoni A,Calvigioni M,Benvenuti L,D`Antongiovanni V,Pellegrini C,Di Salvo C,Mazzantini D,Celandroni F,Fornai M,Antonioi L,Ghelardi E

[Effects of a Saccharomyces cerevisiae fermentation product on fecal characteristics, metabolite concentrations, and microbiota populations of dogs subjected to exercise challenge.](#)

**Journal of animal science** , 2022 Dec 27

Authors Oba PM,Carroll MQ,Sieja KM,Nogueira JPS,Yang X,Epp TY,Warzecha CM,Varney JL,Fowler JW,Coon CN,Swanson KS

[Exercise effect on the gut microbiota in young adolescents with subthreshold depression: A randomized psychoeducation-controlled Trial.](#)

**Psychiatry research** , Volume: 319 2023 Jan

Authors Wang R,Cai Y,Lu W,Zhang R,Shao R,Yau SY,Stubbs B,McIntyre RS,Su KP,Xu G,Qi L,So KF,Lin K

[Dietary Supplementation with Black Raspberries Altered the Gut Microbiome Composition in a Mouse Model of Colitis-Associated Colorectal Cancer, although with Differing Effects for a Healthy versus a Western Basal Diet.](#)

**Nutrients** , Volume: 14 Issue: 24 2022 Dec 10

Authors Rodríguez DM,Hintze KJ,Rompato G,Wettere AJV,Ward RE,Phatak S,Neal C,Armbrust T,Stewart EC,Thomas AJ,Benninghoff AD

[Influence of Dietary Inulin on Fecal Microbiota, Cardiometabolic Risk Factors, Eicosanoids, and Oxidative Stress in Rats Fed a High-Fat Diet.](#)

**Foods (Basel, Switzerland)** , Volume: 11 Issue: 24 2022 Dec 16

Authors Miralles-Pérez B,Nogués MR,Sánchez-Martos V,Fortuño-Mar À,Ramos-Romero S,Torres JL,Ponomarenko J,Amézqueta S,Zhang X,Romeu M

[Effects of highland barley  \$\beta\$ -glucan on blood glucose and gut microbiota in streptozotocin-induced, diabetic, C57BL/6 mice on a high-fat diet.](#)

**Nutrition (Burbank, Los Angeles County, Calif.)** , Volume: 107 2023 Mar

Authors Zang Y,Liu J,Zhai A,Wu K,Chuang Y,Ge Y,Wang C

[Empire Apple \(Malus domestica\) Juice, Pomace, and Pulp Modulate Intestinal Functionality, Morphology, and Bacterial Populations In Vivo \(Gallus gallus\).](#)

**Nutrients** , Volume: 14 Issue: 23 2022 Nov 22

Authors Jackson C,Shukla V,Kolba N,Agarwal N,Padilla-Zakour OI,Tako E

[Tea polyphenol and epigallocatechin gallate ameliorate hyperlipidemia via regulating liver metabolism and remodeling gut microbiota.](#)

**Food chemistry** , Volume: 404 Issue: Pt A 2023 Mar 15

Authors Wen JJ,Li MZ,Chen CH,Hong T,Yang JR,Huang XJ,Geng F,Hu JL,Nie SP

[The effects of Saccharomyces boulardii on rat colonic hypermotility induced by repeated water avoidance stress and the](#)

potential mechanism.

**PeerJ** , Volume: 10 2022

Authors Liu J, Ren H, Yuan F, Shao M, Luo H

Antibacterial and Antiproliferative Activities of Azadirachta indica Leaf Extract and Its Effect on Oil-in-Water Food Emulsion Stability.

**Molecules (Basel, Switzerland)** , Volume: 27 Issue: 22 2022 Nov 11

Authors Ouerfelli M, Metón I, Codina-Torrella I, Almajano MP

Zeaxanthin Dipalmitate-Enriched Emulsion Stabilized with Whey Protein Isolate-Gum Arabic Maillard Conjugate Improves Gut Microbiota and Inflammation of Colitis Mice.

**Foods (Basel, Switzerland)** , Volume: 11 Issue: 22 2022 Nov 16

Authors Kan X, Zhou W, Xu W, Dai Z, Yan Y, Mi J, Sun Y, Zeng X, Cao Y, Lu L

The Effects of Dietary Bacillus amyloliquefaciens TL106 Supplementation, as an Alternative to Antibiotics, on Growth Performance, Intestinal Immunity, Epithelial Barrier Integrity, and Intestinal Microbiota in Broilers.

**Animals : an open access journal from MDPI** , Volume: 12 Issue: 22 2022 Nov 9

Authors Bao C, Zhang W, Wang J, Liu Y, Cao H, Li F, Liu S, Shang Z, Cao Y, Dong B

Enterococcus faecium GEFA01 alleviates hypercholesterolemia by promoting reverse cholesterol transportation via modulating the gut microbiota-SCFA axis.

**Frontiers in nutrition** , Volume: 9 2022

Authors Xu W, Zou K, Zhan Y, Cai Y, Zhang Z, Tao X, Qiu L, Wei H

Spectral analysis and antibacterial effect of cold methanolic extract of Artemisia absinthium L.

**Brazilian journal of biology = Revista brasleira de biologia** , Volume: 84 2022

Authors Sultan MH, Moni SS

Lactocaseibacillus casei ATCC334 Ameliorates Radiation-Induced Intestinal Injury in Rats by Targeting Microbes and Metabolites.

**Molecular nutrition & food research** , Volume: 67 Issue: 1 2023 Jan

Authors Hua Q, Zhang H, Xu R, Tian C, Gao T, Yuan Y, Han Y, Li Y, Qi C, Zhong F, Ma A

Effects of polysaccharides-riched Prunus mume fruit juice concentrate on uric acid excretion and gut microbiota in mice with adenine-induced chronic kidney disease.

**Current research in food science** , Volume: 5 2022

Authors Huang Y, Wu CX, Guo L, Zhang XX, Xia DZ

Lactobacillus rhamnosus GG protects against atherosclerosis by improving ketone body synthesis.

**Applied microbiology and biotechnology** , Volume: 106 Issue: 24 2022 Dec

Authors Zhai T, Ren W, Wang P, Zheng L

Diets enriched with finely ground wheat bran alter digesta passage rate and composition of the gut microbiome in sows.

**Animal nutrition (Zhongguo xu mu shou yi xue hui)** , Volume: 12 2023 Mar

Authors Wang Z, Wang W, Xu S, Ding J, Zeng X, Liu H, Wang F

Hawthorn flavonoid ameliorates cognitive deficit in mice with Alzheimer's disease by increasing the levels of Bifidobacteriales in gut microbiota and docosapentaenoic acid in serum metabolites.

**Food & function** , Volume: 13 Issue: 23 2022 Nov 28

Authors Zhang J, Hao J, Liu R, Wu T, Liu R, Sui W, Zhang M

Modulation of growth performance, gut morphometry, and cecal microbiota in broilers by clove (Syzygium aromaticum) and tulsi (Ocimum sanctum) supplementation.

**Poultry science** , Volume: 102 Issue: 1 2023 Jan

Authors Islam R, Sultana N, Bhakta S, Haque Z, Hasan A, Siddique MP, Islam MR

Plant-Derived Lactobacillus paracasei UH-SONE68 Improves the Gut Microbiota Associated with Hepatic Disorders: A Randomized, Double-Blind, and Placebo-Controlled Clinical Trial.

**Nutrients** , Volume: 14 Issue: 21 2022 Oct 26

Authors Danshiitsoodol N, Noda M, Kanno K, Uchida T, Sugiyama M

Biogenic Silver Nanoparticles from Two Varieties of Agaricus bisporus and Their Antibacterial Activity.

**Molecules (Basel, Switzerland)** , Volume: 27 Issue: 21 2022 Nov 7

Authors Al-Dbass AM, Daihan SA, Al-Nasser AA, Al-Suhaibani LS, Almusallam J, Alnwasser BI, Saloum S, Alotaibi RS, Alessa LA, Bhat RS

Postbiotics Prepared Using Lactobacillus paracasei CCFM1224 Prevent Nonalcoholic Fatty Liver Disease by Modulating the Gut Microbiota and Liver Metabolism.

**International journal of molecular sciences** , Volume: 23 Issue: 21 2022 Nov 4

Authors Pan Z, Mao B, Zhang Q, Tang X, Yang B, Zhao J, Cui S, Zhang H

Explainable Artificial Intelligence in the Early Diagnosis of Gastrointestinal Disease.

**Diagnostics (Basel, Switzerland)** , Volume: 12 Issue: 11 2022 Nov 9

Authors Lee KS, Kim ES

Long-Term Lactulose Administration Improves Dysbiosis Induced by Antibiotic and C. difficile in the PathoGut(TM) SHIME Model.

**Antibiotics (Basel, Switzerland)** , Volume: 11 Issue: 11 2022 Oct 24

Authors Calatayud M, Duysburgh C, Van den Abbeele P, Franckenstein D, Kuchina-Koch A, Marzorati M

Structural Insights into Amelioration Effects of Quercetin and Its Glycoside Derivatives on NAFLD in Mice by Modulating the Gut Microbiota and Host Metabolism.

**Journal of agricultural and food chemistry** , Volume: 70 Issue: 46 2022 Nov 23

Authors Shi Z, Zhang C, Lei H, Chen C, Cao Z, Song Y, Chen G, Wu F, Zhou J, Lu Y, Zhang L

Gut microbiome and metabolome analyses reveal the protective effect of special high-docosahexaenoic acid tuna oil on d-galactose-induced aging in mice.

**Food science & nutrition** , Volume: 10 Issue: 11 2022 Nov

Authors Zhang J, Yi C, Han J, Ming T, Zhou J, Lu C, Li Y, Su X

Co-fermented yellow wine lees by Bacillus subtilis and Enterococcus faecium regulates growth performance and gut microbiota in finishing pigs.

**Frontiers in microbiology** , Volume: 13 2022

Authors Zhang Y, Wang C, Su W, Jiang Z, He H, Gong T, Kai L, Xu H, Wang Y, Lu Z

Flavones interact with fiber to affect fecal bacterial communities in vitro.

**Food chemistry** , Volume: 404 Issue: Pt B 2023 Mar 15

Authors Loo YT, Howell K, Suleria H, Zhang P, Liu S, Ng K

Cedrol from ginger alleviates rheumatoid arthritis through dynamic regulation of intestinal microenvironment.

**Food & function** , Volume: 13 Issue: 22 2022 Nov 14

Authors Zhang Y, Liu Y, Peng F, Wei X, Hao H, Li W, Zhao Y

Bifidobacterium animalis Promotes the Growth of Weaning Piglets by Improving Intestinal Development, Enhancing Antioxidant Capacity, and Modulating Gut Microbiota.

**Applied and environmental microbiology** , Volume: 88 Issue: 22 2022 Nov 22

Authors Pang J, Liu Y, Kang L, Ye H, Zang J, Wang J, Han D

[A prospective randomized comparative study of the efficacy and safety of a two-week bismuth-based quadrotherapy of Helicobacter pylori infection with the inclusion of the probiotic containing Bifidobacterium longum BB-46 and Enterococcus faecium ENCfa-68 ].

**Terapevticheskii arkhiv** , Volume: 93 Issue: 8 2021 Aug 15

Authors Yakovenko EP, Strokova TV, Iakovenko AV, Ivanov AN, Soluyanov IP, Vasilyev NN

Baseline gut microbial profiles are associated with the efficacy of Bacillus subtilis and Enterococcus faecium in IBS-D.

**Scandinavian journal of gastroenterology** , Volume: 58 Issue: 4 2023 Apr

Authors Hong G, Li Y, Yang M, Li G, Jin Y, Xiong H, Qian W, Hou X

Modulation of gut microbiota by glycyrrhizic acid may contribute to its anti-NAFLD effect in rats fed a high-fat diet.

**Life sciences** , Volume: 310 2022 Dec 1

Authors Wang S, Li XY, Ji HF, Shen L

Effects of iron deficiency and iron supplementation at the host-microbiota interface: Could a piglet model unravel complexities of the underlying mechanisms?

**Frontiers in nutrition** , Volume: 9 2022

Authors Abbas M, Hayirli Z, Drakesmith H, Andrews SC, Lewis MC

Lactobacillus delbrueckii might lower serum triglyceride levels via colonic microbiota modulation and SCFA-mediated fat metabolism in parenteral tissues of growing-finishing pigs.

**Frontiers in veterinary science** , Volume: 9 2022

Authors Hou G, Yin J, Wei L, Li R, Peng W, Yuan Y, Huang X, Yin Y

Bovine milk with variant  $\beta$ -casein types on immunological mediated intestinal changes and gut health of mice.

**Frontiers in nutrition** , Volume: 9 2022

Authors Liu B, Qiao W, Zhang M, Liu Y, Zhao J, Chen L

Hemp seed significantly modulates the endocannabinoidome and produces beneficial metabolic effects with improved intestinal barrier function and decreased inflammation in mice under a high-fat, high-sucrose diet as compared with linseed.

**Frontiers in immunology** , Volume: 13 2022

Authors Ben Necib R, Manca C, Lacroix S, Martin C, Flamand N, Di Marzo V, Silvestri C

Zinc Supplementation Partially Decreases the Harmful Effects of a Cafeteria Diet in Rats but Does Not Prevent Intestinal Dysbiosis.

**Nutrients** , Volume: 14 Issue: 19 2022 Sep 22

Authors Squizani S, Jantsch J, Rodrigues FDS, Braga MF, Eller S, de Oliveira TF, Silveira AK, Moreira JCF, Giovenardi M, Porawski M, Guedes RP

The effects of peppermint (*Mentha piperita* L.) and chicory (*Cichorium intybus* L.) in comparison with a prebiotic on productive performance, blood constituents, immunity and intestinal microflora in broiler chickens.

**Animal biotechnology** , Volume: 34 Issue: 7 2023 Dec

Authors Tufarelli V,Ghavami N,Nosrati M,Rasouli B,Kadim IT,Suárez Ramírez L,Gorlov I,Slozhenkina M,Mosolov A,Seidavi A,Ayasan T,Laudadio V

Dietary supplementation with low and high polymerization inulin ameliorates adipose tissue inflammation via the TLR4/NF- $\kappa$ B pathway mediated by gut microbiota disturbance in obese dogs.

**Research in veterinary science** , Volume: 152 2022 Dec 20

Authors Lu J,Zhu D,Lu J,Liu J,Wu Z,Liu L

A red wine intervention does not modify plasma trimethylamine N-oxide but is associated with broad shifts in the plasma metabolome and gut microbiota composition.

**The American journal of clinical nutrition** , Volume: 116 Issue: 6 2022 Dec 19

Authors Haas EA,Saad MJA,Santos A,Vitolo N,Lemos WJF,Martins AMA,Picossi CRC,Favarato D,Gaspar RS,Magro DO,Libby P,Laurindo FRM,Da Luz PL,WineFlora Study

Role of a probiotic strain in the modulation of gut microbiota and cytokines in inflammatory bowel disease.

**Anaerobe** , Volume: 78 2022 Dec

Authors Bamola VD,Dubey D,Samanta P,Kedia S,Ahuja V,Madempudi RS,Neelamraju J,Chaudhry R

Swimming exercise ameliorates depressive-like behavior by anti-inflammation activity, rebalancing gut *Escherichia coli* and *Lactobacilli*.

**Brain research** , Volume: 1797 2022 Dec 15

Authors Ding Z,Du L

Resveratrol modulates the gut microbiota of cholestasis in pregnant rats.

**Journal of physiology and pharmacology : an official journal of the Polish Physiological Society** , Volume: 73 Issue: 2 2022 Apr

Authors Li Z,Lei L,Ling L,Liu Y,Xiong Z,Shao Y

Synbiotic microencapsulation of *Enterococcus faecium* Rp1: a potential probiotic isolated from ragi porridge with antiproliferative property against colon carcinoma cell line.

**Journal of food science and technology** , Volume: 59 Issue: 10 2022 Oct

Authors Ashwanandhini G,Reshma R,Preetha R

The potential role of lactulose pharmacotherapy in the treatment and prevention of diabetes.

**Frontiers in endocrinology** , Volume: 13 2022

Authors Chu N,Ling J,Jie H,Leung K,Poon E

*Nigella sativa* oil protects against cadmium-induced intestinal toxicity via promotion of anti-inflammatory mechanisms, mucin expression and microbiota integrity.

**Avicenna journal of phytomedicine** , Volume: 12 Issue: 3 2022 May-Jun

Authors Akinrinde AS,Adekanmbi AO,Olojo FO

Brazilian green propolis improves gut microbiota dysbiosis and protects against sarcopenic obesity.

**Journal of cachexia, sarcopenia and muscle** , Volume: 13 Issue: 6 2022 Dec

Authors Okamura T,Hamaguchi M,Bamba R,Nakajima H,Yoshimura Y,Kimura T,Hashimoto Y,Majima S,Senmaru T,Ushigome E,Nakanishi N,Asano M,Yamazaki M,Nishimoto Y,Yamada T,Fujikura C,Asama T,Okumura N,Takakuwa H,Sasano R,Fukui M

Arbutin improves gut development and serum lipids via *Lactobacillus intestinalis*.

**Frontiers in nutrition** , Volume: 9 2022

Authors Ma J,Chen S,Li Y,Wu X,Song Z

*Lactobacillus plantarum* ST-III modulates abnormal behavior and gut microbiota in a mouse model of autism spectrum disorder.

**Physiology & behavior** , Volume: 257 2022 Dec 1

Authors Guo M,Li R,Wang Y,Ma S,Zhang Y,Li S,Zhang H,Liu Z,You C,Zheng H

Gut Microbes Are Associated with the Vascular Beneficial Effects of Dietary Strawberry on Metabolic Syndrome-Induced Vascular Inflammation.

**Molecular nutrition & food research** , Volume: 66 Issue: 22 2022 Nov

Authors Miller JC,Satheesh Babu AK,Petersen C,Wankhade UD,Robeson MS 2nd,Putich MN,Mueller JE,O'Farrell AS,Cho JM,Chintapalli SV,Jalili T,Symons JD,Anandh Babu PV

Effect of aqueous and organic solvent extraction on in-vitro antimicrobial activity of two varieties of fresh ginger (*Zingiber officinale*) and garlic (*Allium sativum*).

**Heliyon** , Volume: 8 Issue: 9 2022 Sep

Authors Akullo JO,Kiagi B,Nakimbugwe D,Kinyuru J

Formation of cinnamon essential oil/xanthan gum/chitosan composite microcapsules basing on Pickering emulsions.

**Colloid and polymer science** , Volume: 300 Issue: 10 2022

Authors Li X,Gao Y,Li Y,Li Y,Liu H,Yang Z,Wu H,Hu Y

[Impact of Clarified Apple Juices with Different Processing Methods on Gut Microbiota and Metabolomics of Rats.](#)

**Nutrients** , Volume: 14 Issue: 17 2022 Aug 25

Authors Xu L,Yang S,Wang K,Lu A,Wang X,Xu Z

[The antidiabetic effects of Bifidobacterium longum subsp. longum BL21 through regulating gut microbiota structure in type 2 diabetic mice.](#)

**Food & function** , Volume: 13 Issue: 19 2022 Oct 3

Authors Hao J,Zhang Y,Wu T,Liu R,Sui W,Zhu J,Fang S,Geng J,Zhang M

[Milk fat globule membrane supplementation to obese rats during pregnancy and lactation promotes neurodevelopment in offspring via modulating gut microbiota.](#)

**Frontiers in nutrition** , Volume: 9 2022

Authors Yuan Q,Gong H,Du M,Li T,Mao X

[Eugenol, A Major Component of Clove Oil, Attenuates Adiposity, and Modulates Gut Microbiota in High-Fat Diet-Fed Mice.](#)

**Molecular nutrition & food research** , Volume: 66 Issue: 20 2022 Oct

Authors Li M,Zhao Y,Wang Y,Geng R,Fang J,Kang SG,Huang K,Tong T

[Different effects of Bacillus coagulans vegetative cells and spore isolates on constipation-induced gut microbiota dysbiosis in mice.](#)

**Food & function** , Volume: 13 Issue: 18 2022 Sep 22

Authors Li L,Liu B,Cao J,Zhang H,Tian F,Yu L,Chen W,Zhai Q

[Fabrication and Optimization of Essential-Oil-Loaded Nanoemulsion Using Box-Behnken Design against Staphylococcus aureus and Staphylococcus epidermidis Isolated from Oral Cavity.](#)

**Pharmaceutics** , Volume: 14 Issue: 8 2022 Aug 5

Authors Ullah N,Amin A,Alamoudi RA,Rasheed SA,Alamoudi RA,Nawaz A,Raza M,Nawaz T,Ishtiaq S,Abbas SS

[Regulation of a High-Iron Diet on Lipid Metabolism and Gut Microbiota in Mice.](#)

**Animals : an open access journal from MDPI** , Volume: 12 Issue: 16 2022 Aug 13

Authors Xiong Q,Zhao J,Tian C,Ma W,Miao L,Liang L,Zhang K,Du H

[Selenium-enriched Bifidobacterium longum DD98 effectively ameliorates dextran sulfate sodium-induced ulcerative colitis in mice.](#)

**Frontiers in microbiology** , Volume: 13 2022

Authors Hu Y,Jin X,Gao F,Lin T,Zhu H,Hou X,Yin Y,Kan S,Chen D

[Bifidobacterium longum CECT 7894 Improves the Efficacy of Infliximab for DSS-Induced Colitis via Regulating the Gut Microbiota and Bile Acid Metabolism.](#)

**Frontiers in pharmacology** , Volume: 13 2022

Authors Xiao F,Dong F,Li X,Li Y,Yu G,Liu Z,Wang Y,Zhang T

[Phytochemical Analysis and Antioxidant, Antibacterial, and Antifungal Effects of Essential Oil of Black Caraway \(Nigella sativa L.\) Seeds against Drug-Resistant Clinically Pathogenic Microorganisms.](#)

**BioMed research international** , Volume: 2022 2022

Authors Zouirech O,Alyousef AA,El Barnossi A,El Moussaoui A,Bourhia M,Salamatullah AM,Ouahmane L,Giesy JP,Aboul-Soud MAM,Lyousi B,Derwich E

[Effect of Intensity and Duration of Exercise on Gut Microbiota in Humans: A Systematic Review.](#)

**International journal of environmental research and public health** , Volume: 19 Issue: 15 2022 Aug 3

Authors Bonomini-Gnutzmann R,Plaza-Díaz J,Jorquera-Aguilera C,Rodríguez-Rodríguez A,Rodríguez-Rodríguez F

[Modified highland barley regulates lipid metabolism, liver inflammation and gut microbiota in high-fat/cholesterol diet mice as revealed by LC-MS based metabolomics.](#)

**Food & function** , Volume: 13 Issue: 17 2022 Aug 30

Authors Li X,Du Y,Zhang C,Tu Z,Wang L

[Tributyrin administration improves intestinal development and health in pre-weaned dairy calves fed milk replacer.](#)

**Animal nutrition (Zhongguo xu mu shou yi xue hui)** , Volume: 10 2022 Sep

Authors Liu S,Wu J,Wu Z,Alugongo GM,Zahoor Khan M,Li J,Xiao J,He Z,Ma Y,Li S,Cao Z

[Consumption of Wheat Peptides Improves Functional Constipation: A Translational Study in Humans and Mice.](#)

**Molecular nutrition & food research** , Volume: 66 Issue: 19 2022 Oct

Authors Wang Q,Shen F,Zhang J,Cai H,Pan Y,Sun T,Gong Y,Du J,Zhong H,Feng F

[Bacillus coagulans in Combination with Chitooligosaccharides Regulates Gut Microbiota and Ameliorates the DSS-Induced Colitis in Mice.](#)

**Microbiology spectrum** , Volume: 10 Issue: 4 2022 Aug 31

Authors Liu Z,Jiang Z,Zhang Z,Liu T,Fan Y,Liu T,Peng N

[Alteration in Gut Microbiota Associated with Zinc Deficiency in School-Age Children.](#)

**Nutrients** , Volume: 14 Issue: 14 2022 Jul 14

Authors Chen X,Jiang Y,Wang Z,Chen Y,Tang S,Wang S,Su L,Huang X,Long D,Wang L,Guo W,Zhang Y

Qualitative, Quantitative, Cytotoxic, Free Radical Scavenging, and Antimicrobial Characteristics of Hypericum lanuginosum from Palestine.

**Molecules (Basel, Switzerland) , Volume: 27 Issue: 14 2022 Jul 18**

Authors Jaradat N

Kaempferia parviflora Rhizome Extract as Potential Anti-Acne Ingredient.

**Molecules (Basel, Switzerland) , Volume: 27 Issue: 14 2022 Jul 8**

Authors Sitthichai P,Chanpirom S,Maneerat T,Charoensup R,Tree-Udom T,Pintathong P,Laphookhieo S,Sripisut T

Antimicrobial Activity of Essential Oils Evaluated In Vitro against Escherichia coli and Staphylococcus aureus.

**Antibiotics (Basel, Switzerland) , Volume: 11 Issue: 7 2022 Jul 20**

Authors Galgano M,Capozza P,Pellegrini F,Cordisco M,Sposato A,Sblano S,Camero M,Lanave G,Fracchiolla G,Corrente M,Cirone F,Trotta A,Tempesta M,Buonavoglia D,Pratelli A

Gender-based effect of absence of gut microbiota on the protective efficacy of Bifidobacterium longum-fermented rice bran diet against inflammation-associated colon tumorigenesis.

**Molecular carcinogenesis , Volume: 61 Issue: 10 2022 Oct**

Authors Kumar R,Maurya AK,Parker KD,Kant R,Ibrahim H,Kabir MI,Kumar D,Weber AM,Agarwal R,Kuhn KA,Ryan EP,Raina K

Recombinant Bifidobacterium longum Carrying Endostatin Protein Alleviates Dextran Sodium Sulfate-Induced Colitis and Colon Cancer in Rats.

**Frontiers in microbiology , Volume: 13 2022**

Authors Bi Z,Cui E,Yao Y,Chang X,Wang X,Zhang Y,Xu GX,Zhuang H,Hua ZC

Liver Transcriptome and Gut Microbiome Analysis Reveals the Effects of High Fructose Corn Syrup in Mice.

**Frontiers in nutrition , Volume: 9 2022**

Authors Shen Y,Sun Y,Wang X,Xiao Y,Ma L,Lyu W,Zheng Z,Wang W,Li J

Dietary resistant starch ameliorating lipopolysaccharide-induced inflammation in meat ducks associated with the alteration in gut microbiome and glucagon-like peptide 1 signaling.

**Journal of animal science and biotechnology , Volume: 13 Issue: 1 2022 Jul 15**

Authors Qin S,Bai W,Applegate TJ,Zhang K,Tian G,Ding X,Bai S,Wang J,Lv L,Peng H,Xuan Y,Zeng Q

Brassica oleracea L. (Acephala Group) based zinc oxide nanoparticles and their efficacy as antibacterial agent.

**Brazilian journal of biology = Revista brasleira de biologia , Volume: 84 2022**

Authors Wali S,Zahra M,Okla MK,Wahidah HA,Tauseef I,Haleem KS,Farid A,Maryam A,AbdElgawad H,Adetunji CO,Akhtar N,Akbar S,Rehman W,Yasir H,Shakira G

Effect of voluntary wheel running on gut microbiota composition in developing mice.

**Nutricion hospitalaria , Volume: 39 Issue: 4 2022 Aug 25**

Authors Wan C,Liu ZB,Tan H,Zhang Z,Zhou Q,Yao LH,Meng W,Wang S

Dietary Eugenol Nanoemulsion Potentiated Performance of Broiler Chickens: Orchestration of Digestive Enzymes, Intestinal Barrier Functions and Cytokines Related Gene Expression With a Consequence of Attenuating the Severity of E. coli O78 Infection.

**Frontiers in veterinary science , Volume: 9 2022**

Authors Ibrahim D,Eldemery F,Metwally AS,Abd-Allah EM,Mohamed DT,Ismail TA,Hamed TA,Al Sadik GM,Neamat-Allah ANF,Abd El-Hamid MI

The bioprofiling of antibacterials in olive leaf extracts via thin layer chromatography-effect directed analysis (TLC-EDA).

**Journal of pharmaceutical and biomedical analysis , Volume: 219 2022 Sep 20**

Authors Agatonovic-Kustrin S,Gegechkori V,Morton DW,Tucci J,Mohammed EUR,Ku H

Effect of ellagic acid and mesocarp extract of Punica granatum on productive and reproductive performances of laying hens.

**Tropical animal health and production , Volume: 54 Issue: 4 2022 Jul 9**

Authors Gul H,Geng Z,Habib G,Hayat A,Rehman MU,Khan I

Effects of Oats, Tartary Buckwheat, and Foxtail Millet Supplementation on Lipid Metabolism, Oxido-Inflammatory Responses, Gut Microbiota, and Colonic SCFA Composition in High-Fat Diet Fed Rats.

**Nutrients , Volume: 14 Issue: 13 2022 Jul 4**

Authors Wang Y,Qi W,Guo X,Song G,Pang S,Fang W,Peng Z

Binary Synergistic Combinations of Lavender and Fennel Essential Oils with Amoxicillin.

**Planta medica , Volume: 89 Issue: 8 2023 Jul**

Authors Karadag AE,Çaskurlu A,Demirci B,Demirci F

Procyanidins from hawthorn (Crataegus pinnatifida) alleviate lipid metabolism disorder via inhibiting insulin resistance and oxidative stress, normalizing the gut microbiota structure and intestinal barrier, and further suppressing hepatic inflammation and lipid accumulation.

**Food & function , Volume: 13 Issue: 14 2022 Jul 18**

Authors Han X,Zhao W,Zhou Q,Chen H,Yuan J,Xiaofu Z,Zhang Z

The effect of local application of thymoquinone, Nigella sativa's bioactive component, on bone healing in experimental bone defects infected with Porphyromonas gingivalis.

**Journal of periodontal & implant science** , Volume: 52 Issue: 3 2022 Jun

Authors Bastug AY,Tomruk CÖ,Güzel E,Özdemir I,Duygu G,Kütan E,Ülker GMY,Arici FÖ

Antidepressant Shugan Jieyu Capsule Alters Gut Microbiota and Intestinal Microbiome Function in Rats With Chronic Unpredictable Mild Stress -Induced Depression.

**Frontiers in pharmacology** , Volume: 13 2022

Authors Tan J,Li X,Zhu Y,Sullivan MA,Deng B,Zhai X,Lu Y

The regulatory effect of fermented black barley on the gut microbiota and metabolic dysbiosis in mice exposed to cigarette smoke.

**Food research international (Ottawa, Ont.)** , Volume: 157 2022 Jul

Authors Zhong L,Qin L,Ding X,Ma L,Wang Y,Liu M,Chen H,Yan H,Song L

Fermented milk of cheese-derived Lactobacillus delbrueckii subsp. bulgaricus displays potentials in alleviating alcohol-induced hepatic injury and gut dysbiosis in mice.

**Food research international (Ottawa, Ont.)** , Volume: 157 2022 Jul

Authors Liu M,Liu M,Yang S,Shen C,Wang X,Liu W,Guo Y

Arabinoxylan from rice bran protects mice against high-fat diet-induced obesity and metabolic inflammation by modulating gut microbiota and short-chain fatty acids.

**Food & function** , Volume: 13 Issue: 14 2022 Jul 18

Authors Luo S,He L,Zhang H,Li Z,Liu C,Chen T

Regulatory Effect of Lactiplantibacillus plantarum 2-33 on Intestinal Microbiota of Mice With Antibiotic-Associated Diarrhea.

**Frontiers in nutrition** , Volume: 9 2022

Authors Bao W,He Y,Yu J,Liu M,Yang X,Ta N,Zhang E,Liang C

Oral administration of octacosanol modulates the gut bacteria and protects the intestinal barrier in ulcerative colitis mice.

**Journal of food biochemistry** , Volume: 46 Issue: 10 2022 Oct

Authors Miao ST,Lu QS,Zhou YJ,Chang YN,Xu T,Zhu MY

Bifidobacterium adolescentis Is Effective in Relieving Type 2 Diabetes and May Be Related to Its Dominant Core Genome and Gut Microbiota Modulation Capacity.

**Nutrients** , Volume: 14 Issue: 12 2022 Jun 15

Authors Qian X,Si Q,Lin G,Zhu M,Lu J,Zhang H,Wang G,Chen W

Comparative Palynological, Physicochemical, Antioxidant and Antibacterial Properties of Romanian Honey Varieties for Biomedical Applications.

**Chemistry & biodiversity** , Volume: 19 Issue: 8 2022 Aug

Authors Iosageanu A,Mihai E,Prelicean AM,Anton RE,Utoiu E,Oancea A,Craciunescu O,Cimpean A

Effect of dietary Bacillus coagulans on the performance and intestinal microbiota of weaned piglets.

**Animal : an international journal of animal bioscience** , Volume: 16 Issue: 7 2022 Jul

Authors Sun T,Miao H,Zhang C,Wang Y,Liu S,Jiao P,Li W,Li Y,Huang Z

Synthesis, physicochemical characterization, antibacterial activity, and biocompatibility of quaternized hawthorn pectin.

**International journal of biological macromolecules** , Volume: 213 2022 Jul 31

Authors Qin C,Yang G,Wu S,Zhang H,Zhu C

Saccharomyces boulardii, a yeast probiotic, inhibits gut motility through upregulating intestinal serotonin transporter and modulating gut microbiota.

**Pharmacological research** , Volume: 181 2022 Jul

Authors Gu Y,Wang C,Qin X,Zhou B,Liu X,Liu T,Xie R,Liu J,Wang B,Cao H

Chemical Profile, Antibacterial and Antioxidant Potential of Zingiber officinale Roscoe and Elettaria cardamomum (L.) Maton Essential Oils and Extracts.

**Plants (Basel, Switzerland)** , Volume: 11 Issue: 11 2022 May 31

Authors Tarfaoui K,Brhadda N,Ziri R,Oubihi A,Imtara H,Haida S,Al Kamaly OM,Saleh A,Parvez MK,Fettach S,Ouhssine M

Resistant Maltodextrin Consumption in a Double-Blind, Randomized, Crossover Clinical Trial Induces Specific Changes in Potentially Beneficial Gut Bacteria.

**Nutrients** , Volume: 14 Issue: 11 2022 May 25

Authors Mai V,Burns AM,Solch RJ,Dennis-Wall JC,Ukhanova M,Langkamp-Henken B

In vitro Intervention of Lactobacillus paracasei N1115 Can Alter Fecal Microbiota and Their SCFAs Metabolism of Pregnant Women with Constipation and Diarrhea.

**Current microbiology** , Volume: 79 Issue: 7 2022 Jun 7

Authors Dang C,Zhao K,Xun Y,Feng L,Zhang D,Cui L,Cui Y,Jia X,Wang S

The Probiotic Lactobacillus paracasei Ameliorates Diarrhea Cause by Escherichia coli O(8) via Gut Microbiota Modulation(1).

**Frontiers in nutrition** , Volume: 9 2022

Authors Ren S,Wang C,Chen A,Lv W,Gao R

Zingiber officinale and Panax ginseng ameliorate ulcerative colitis in mice via modulating gut microbiota and its metabolites.

**Journal of chromatography. B, Analytical technologies in the biomedical and life sciences** , Volume: 1203 2022 Jul 1

Authors Wan Y,Yang L,Li H,Ren H,Zhu K,Dong Z,Jiang S,Shang E,Qian D,Duan J

Combination of Houttuynia cordata polysaccharide and Lactiplantibacillus plantarum P101 alleviates acute liver injury by regulating gut microbiota in mice.

**Journal of the science of food and agriculture** , Volume: 102 Issue: 15 2022 Dec

Authors Xu X,Liu S,Zhao Y,Wang M,Hu L,Li W,Xu H

Bifidobacterium longum CCFM752 prevented hypertension and aortic lesion, improved antioxidative ability, and regulated the gut microbiome in spontaneously hypertensive rats.

**Food & function** , Volume: 13 Issue: 11 2022 Jun 6

Authors Lu W,Wang Y,Fang Z,Wang H,Zhu J,Zhai Q,Zhao J,Zhang H,Chen W

Probiotics synergized with conventional regimen in managing Parkinson's disease.

**NPJ Parkinson's disease** , Volume: 8 Issue: 1 2022 May 24

Authors Sun H,Zhao F,Liu Y,Ma T,Jin H,Quan K,Leng B,Zhao J,Yuan X,Li Z,Li F,Kwok LY,Zhang S,Sun Z,Zhang J,Zhang H

Lactobacillus acidophilus and HKL Suspension Alleviates Ulcerative Colitis in Rats by Regulating Gut Microbiota, Suppressing TLR9, and Promoting Metabolism.

**Frontiers in pharmacology** , Volume: 13 2022

Authors Aximujiang K,Kaheman K,Wushouer X,Wu G,Ahemaiti A,Yunusi K

The impacts of bovine milk, soy beverage, or almond beverage on the growing rat microbiome.

**PeerJ** , Volume: 10 2022

Authors Cakebread J,Wallace OAM,Henderson H,Jauregui R,Young W,Hodgkinson A

Pomegranate juice alters the microbiota in breast milk and infant stool: a pilot study.

**Food & function** , Volume: 13 Issue: 10 2022 May 23

Authors Henning SM,Yang J,Lee RP,Huang J,Thames G,Korn M,Ben-Nissan D,Heber D,Li Z

Bacillus amyloliquefaciens SC06 alleviates the obesity of ob/ob mice and improves their intestinal microbiota and bile acid metabolism.

**Food & function** , Volume: 13 Issue: 9 2022 May 10

Authors Zeng Z,Zhou Y,Xu Y,Wang S,Wang B,Zeng Z,Wang Q,Ye X,Jin L,Yue M,Tang L,Zou P,Zhao P,Li W

Genistein Up-Regulates the Expression of EGF and E-Cadherin in the Treatment of Senile Vaginitis.

**Molecules (Basel, Switzerland)** , Volume: 27 Issue: 8 2022 Apr 7

Authors Sun Y,Wang L,Wang B,Meng Y,Wang W

Potential Effects of Sucralose and Saccharin on Gut Microbiota: A Review.

**Nutrients** , Volume: 14 Issue: 8 2022 Apr 18

Authors Del Pozo S,Gómez-Martínez S,Díaz LE,Nova E,Urrialde R,Marcos A

Potential Effects of Sucralose and Saccharin on Gut Microbiota: A Review.

**Nutrients** , Volume: 14 Issue: 8 2022 Apr 18

Authors Del Pozo S,Gómez-Martínez S,Díaz LE,Nova E,Urrialde R,Marcos A

Lactobacillus casei Improve Anti-Tuberculosis Drugs-Induced Intestinal Adverse Reactions in Rat by Modulating Gut Microbiota and Short-Chain Fatty Acids.

**Nutrients** , Volume: 14 Issue: 8 2022 Apr 17

Authors Li Y,Zhao L,Hou M,Gao T,Sun J,Luo H,Wang F,Zhong F,Ma A,Cai J

Comparative Analysis of the Antimicrobial Activity of Essential Oils and Their Formulated Microemulsions against Foodborne Pathogens and Spoilage Bacteria.

**Antibiotics (Basel, Switzerland)** , Volume: 11 Issue: 4 2022 Mar 25

Authors Campana R,Tiboni M,Maggi F,Cappellacci L,Cianfaglione K,Morshedloo MR,Frangipani E,Casettari L

Dietary Supplementation With Fine-Grinding Wheat Bran Improves Lipid Metabolism and Inflammatory Response via Modulating the Gut Microbiota Structure in Pregnant Sow.

**Frontiers in microbiology** , Volume: 13 2022

Authors Wang Z,Chen Y,Wang W,Huang C,Hu Y,Johnston L,Wang F

Administration of Aspergillus oryzae suppresses DSS-induced colitis.

**Food chemistry. Molecular sciences** , Volume: 4 2022 Jul 30

Authors Nomura R,Tsuzuki S,Kojima T,Nagasawa M,Sato Y,Uefune M,Baba Y,Hayashi T,Nakano H,Kato M,Shimizu M

In Vitro Gut Fermentation of Whey Protein Hydrolysate: An Evaluation of Its Potential Modulation on Infant Gut Microbiome.

**Nutrients** , Volume: 14 Issue: 7 2022 Mar 25

Authors Feng C,Tian L,Hong H,Wang Q,Zhan X,Luo Y,Tan Y

Classification of the Occurrence of Dyslipidemia Based on Gut Bacteria Related to Barley Intake.**Frontiers in nutrition** , Volume: 9 2022

Authors Maruyama S,Matsuoka T,Hosomi K,Park J,Nishimura M,Murakami H,Konishi K,Miyachi M,Kawashima H,Mizuguchi K,Kobayashi T,Ooka T,Yamagata Z,Kunisawa J

Intestinal Mucosal Immunity-Mediated Modulation of the Gut Microbiome by Oral Delivery of Enterococcus faecium Against Salmonella Enteritidis Pathogenesis in a Laying Hen Model.**Frontiers in immunology** , Volume: 13 2022

Authors Huang S,Rong X,Liu M,Liang Z,Geng Y,Wang X,Zhang J, Ji C,Zhao L,Ma Q

Effect of barley straw and Egyptian clover hay on the rumen fermentation and structure and fibrolytic activities of rumen bacteria in dromedary camel.**Veterinary world** , Volume: 15 Issue: 1 2022 Jan

Authors Rabee AE

Green Banana Flour Contributes to Gut Microbiota Recovery and Improves Colonic Barrier Integrity in Mice Following Antibiotic Perturbation.**Frontiers in nutrition** , Volume: 9 2022

Authors Li P,Li M,Song Y,Huang X,Wu T,Xu ZZ,Lu H

In vitro evaluation of probiotic properties of lactic acid bacteria isolated from the vagina of yak (Bos grunniens).**PeerJ** , Volume: 10 2022

Authors Zhang Q,Pan Y,Wang M,Sun L,Xi Y,Li M,Zeng Q

Spirulina platensis biomass enhances the proliferation rate of Lactobacillus acidophilus 5 (La-5) and combined with La-5 impact the gut microbiota of medium-age healthy individuals through an in vitro gut microbiome model.**Food research international (Ottawa, Ont.)** , Volume: 154 2022 Apr

Authors Barros de Medeiros VP,Salgado MK,Pimentel TC,Rodrigues da Silva TC,Sartoratto A,Lima MDS,Sassi CFDC,Mesa V,Magnani M,Sivieri K

The Relationship between Physical Activity, Physical Exercise, and Human Gut Microbiota in Healthy and Unhealthy Subjects: A Systematic Review.**Biology** , Volume: 11 Issue: 3 2022 Mar 21

Authors Cataldi S,Bonavolontà V,Polì L,Clemente FM,De Candia M,Carvutto R,Silva AF,Badicu G,Greco G,Fischetti F

Relationships between barley consumption and gut microbiome characteristics in a healthy Japanese population: a cross-sectional study.**BMC nutrition** , Volume: 8 Issue: 1 2022 Mar 14

Authors Matsuoka T,Hosomi K,Park J,Goto Y,Nishimura M,Maruyama S,Murakami H,Konishi K,Miyachi M,Kawashima H,Mizuguchi K,Kobayashi T,Yokomichi H,Kunisawa J,Yamagata Z

Coated Zinc Oxide Improves Growth Performance of Weaned Piglets via Gut Microbiota.**Frontiers in nutrition** , Volume: 9 2022

Authors Sun Y,Ma N,Qi Z,Han M,Ma X

Low Dose of Sucralose Alter Gut Microbiome in Mice.**Frontiers in nutrition** , Volume: 9 2022

Authors Zheng Z,Xiao Y,Ma L,Lyu W,Peng H,Wang X,Ren Y,Li J

The Impact of Instant Coffee and Decaffeinated Coffee on the Gut Microbiota and Depression-Like Behaviors of Sleep-Deprived Rats.**Frontiers in microbiology** , Volume: 13 2022

Authors Gu X,Zhang S,Ma W,Wang Q,Li Y,Xia C,Xu Y,Zhang T,Yang L,Zhou M

Lactulose Modulates the Structure of Gut Microbiota and Alleviates Colitis-Associated Tumorigenesis.**Nutrients** , Volume: 14 Issue: 3 2022 Feb 3

Authors Hiraishi K,Zhao F,Kurahara LH,Li X,Yamashita T,Hashimoto T,Matsuda Y,Sun Z,Zhang H,Hirano K

Different Alterations in Gut Microbiota between Bifidobacterium longum and Fecal Microbiota Transplantation Treatments in Propionic Acid Rat Model of Autism.**Nutrients** , Volume: 14 Issue: 3 2022 Jan 30

Authors Abujamel TS,Al-Otaibi NM,Abuaish S,AlHarbi RH,Assas MB,Alzahrani SA,Alotaibi SM,El-Ansary A,Abed K

Effect of Dietary Bacillus licheniformis Supplementation on Growth Performance and Microbiota Diversity of Pekin Ducks.**Frontiers in veterinary science** , Volume: 9 2022

Authors Li L,Lv X,Han X,Sun C,An K,Gao W,Xia Z

Biocomposites of Silk-Elastin and Essential Oil from Mentha piperita Display Antibacterial Activity.**ACS omega** , Volume: 7 Issue: 8 2022 Mar 1

Authors Gomes DS,da Costa A,Pereira AM,Casal M,Machado R

An Integrative Multiomics Approach to Characterize Prebiotic Inulin Effects on Faecalibacterium prausnitzii.**Frontiers in bioengineering and biotechnology** , Volume: 10 2022

Authors Park JH,Song WS, Lee J,Jo SH, Lee JS, Jeon HJ, Kwon JE, Kim YR, Baek JH, Kim MG, Yang YH, Kim BG, Kim YG

[Evaluating the effects of a standardized polyphenol mixture extracted from poplar-type propolis on healthy and diseased human gut microbiota.](#)

**Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie** , Volume: 148 2022 Apr

Authors Garzarella EU, Navajas-Porras B, Pérez-Burillo S, Ullah H, Esposito C, Santarcangelo C, Hinojosa-Nogueira D, Pastoriza S, Zaccaria V, Xiao J, Rufián-Henares JÁ, Daglia M

[Licorice extract ameliorates hyperglycemia through reshaping gut microbiota structure and inhibiting TLR4/NF- \$\kappa\$ B signaling pathway in type 2 diabetic mice.](#)

**Food research international (Ottawa, Ont.)** , Volume: 153 2022 Mar

Authors Zhang Y, Xu Y, Zhang L, Chen Y, Wu T, Liu R, Sui W, Zhu Q, Zhang M

[Evaluation of a Zingiber officinale and Bixa orellana Supplement on the Gut Microbiota of Male Athletes: A Randomized Placebo-Controlled Trial.](#)

**Planta medica** , Volume: 88 Issue: 13 2022 Oct

Authors Domínguez-Balmaseda D, Bressa C, Fernández-Romero A, de Lucas B, Pérez-Ruiz M, San Juan AF, Roller M, Issaly N, Larrosa M

[Effects of Live Combined Bacillus subtilis and Enterococcus faecium on Gut Microbiota Composition in C57BL/6 Mice and in Humans.](#)

**Frontiers in cellular and infection microbiology** , Volume: 12 2022

Authors Pi X, Teng W, Fei D, Zhao G, Liu W

[Beneficial Effects of Partly Milled Highland Barley on the Prevention of High-Fat Diet-Induced Glycometabolic Disorder and the Modulation of Gut Microbiota in Mice.](#)

**Nutrients** , Volume: 14 Issue: 4 2022 Feb 11

Authors Li S, Wang M, Li C, Meng Q, Meng Y, Ying J, Bai S, Shen Q, Xue Y

[Ten-Week Sucralose Consumption Induces Gut Dysbiosis and Altered Glucose and Insulin Levels in Healthy Young Adults.](#)

**Microorganisms** , Volume: 10 Issue: 2 2022 Feb 14

Authors Méndez-García LA, Bueno-Hernández N, Cid-Soto MA, De León KL, Mendoza-Martínez VM, Espinosa-Flores AJ, Carrero-Aguirre M, Esquivel-Velázquez M, León-Hernández M, Viurcos-Sanabria R, Ruíz-Barranco A, Cota-Arce JM, Álvarez-Lee A, De León-Nava MA, Meléndez G, Escobedo G

[Gallic Acid Alleviates Gut Dysfunction and Boosts Immune and Antioxidant Activities in Puppies Under Environmental Stress Based on Microbiome-Metabolomics Analysis.](#)

**Frontiers in immunology** , Volume: 12 2021

Authors Yang K, Deng X, Jian S, Zhang M, Wen C, Xin Z, Zhang L, Tong A, Ye S, Liao P, Xiao Z, He S, Zhang F, Deng J, Zhang L, Deng B

[Bifidobacterium animalis subsp. lactis BB-12 Has Effect Against Obesity by Regulating Gut Microbiota in Two Phases in Human Microbiota-Associated Rats.](#)

**Frontiers in nutrition** , Volume: 8 2021

Authors Mao K, Gao J, Wang X, Li X, Geng S, Zhang T, Sadiq FA, Sang Y

[Effects of Bacillus amyloliquefaciens TL106 Isolated from Tibetan Pigs on Probiotic Potential and Intestinal Microbes in Weaned Piglets.](#)

**Microbiology spectrum** , Volume: 10 Issue: 1 2022 Jan 26

Authors Du H, Yao W, Kulyar MF, Ding Y, Zhu H, Pan H, Li K, Bhutta ZA, Liu S, Li J

[Analysis of the Effects of Food Additives on Porphyromonas gingivalis.](#)

**Pathogens (Basel, Switzerland)** , Volume: 11 Issue: 1 2022 Jan 4

Authors Shinohara M, Maetani M, Kitada C, Nishigami Y, Yazawa A, Kamitani S

[Bifidobacterium bifidum Shows More Diversified Ways of Relieving Non-Alcoholic Fatty Liver Compared with Bifidobacterium adolescentis.](#)

**Biomedicines** , Volume: 10 Issue: 1 2021 Dec 31

Authors Wang L, Jiao T, Yu Q, Wang J, Wang L, Wang G, Zhang H, Zhao J, Chen W

[Dietary Supplementation with Goji Berries \(Lycium barbarum\) Modulates the Microbiota of Digestive Tract and Caecal Metabolites in Rabbits.](#)

**Animals : an open access journal from MDPI** , Volume: 12 Issue: 1 2022 Jan 5

Authors Cremonesi P, Curone G, Biscarini F, Cotozzolo E, Menchetti L, Riva F, Marongiu ML, Castiglioni B, Barbato O, Munga A, Castrica M, Vigo D, Sulce M, Quattrone A, Agradi S, Breccia G

[Dietary Supplementation with Vitamin D, Fish Oil or Resveratrol Modulates the Gut Microbiome in Inflammatory Bowel Disease.](#)

**International journal of molecular sciences** , Volume: 23 Issue: 1 2021 Dec 24

Authors Wellington VNA, Sundaram VL, Singh S, Sundaram U

[The Prebiotic Effects of Oats on Blood Lipids, Gut Microbiota, and Short-Chain Fatty Acids in Mildly Hypercholesterolemic Subjects Compared With Rice: A Randomized, Controlled Trial.](#)

**Frontiers in immunology , Volume: 12 2021**

Authors Xu D,Feng M,Chu Y,Wang S,Shete V,Tuohy KM,Liu F,Zhou X,Kamil A,Pan D,Liu H,Yang X,Yang C,Zhu B,Lv N,Xiong Q,Wang X,Sun J,Sun G,Yang Y

Dietary Quercetin Supplementation Attenuates Diarrhea and Intestinal Damage by Regulating Gut Microbiota in Weanling Piglets.

**Oxidative medicine and cellular longevity , Volume: 2021 2021**

Authors Xu B,Qin W,Xu Y,Yang W,Chen Y,Huang J,Zhao J,Ma L

Nine weeks of high-intensity indoor cycling training induced changes in the microbiota composition in non-athlete healthy male college students.

**Journal of the International Society of Sports Nutrition , Volume: 18 Issue: 1 2021 Dec 18**

Authors Donati Zeppa S,Amatori S,Sisti D,Gervasi M,Agostini D,Piccoli G,Pazienza V,Gobbi P,Rocchi MBL,Sestili P,Stocchi V

Effects of Dietary Supplementation With *Bacillus subtilis*, as an Alternative to Antibiotics, on Growth Performance, Serum Immunity, and Intestinal Health in Broiler Chickens.

**Frontiers in nutrition , Volume: 8 2021**

Authors Qiu K,Li CL,Wang J,Qi GH,Gao J,Zhang HJ,Wu SG

Antiadhesive, antibiofilm and dispersion activity of biosurfactants isolated from *Bacillus amyloliquefaciens* 3/22

**Ceska a Slovenska farmacie : casopis Ceske farmaceuticke spolecnosti a Slovenske farmaceuticke spolecnosti , Volume: 70 Issue: 5 2021 Fall**

Authors Englerová K,Nemcová R,Bedlovicová Z,Styková E

Fructooligosaccharides Increase in Plasma Concentration of (-)-Epigallocatechin-3-Gallate in Rats.

**Journal of agricultural and food chemistry , Volume: 69 Issue: 49 2021 Dec 15**

Authors Unno T,Araki Y,Inagaki S,Kobayashi M,Ichitani M,Takahara T,Kinugasa H

*Saccharomyces boulardii* Combined With Quadruple Therapy for *Helicobacter pylori* Eradication Decreased the Duration and Severity of Diarrhea: A Multi-Center Prospective Randomized Controlled Trial.

**Frontiers in medicine , Volume: 8 2021**

Authors Zhao Y,Yang Y,Aruna,Xiao J,Song J,Huang T,Li S,Kou J,Huang L, Ji D,Xiong S,Peng W,Xu S,Cheng B

*Bacillus subtilis* Attenuates Hepatic and Intestinal Injuries and Modulates Gut Microbiota and Gene Expression Profiles in Mice Infected with *Schistosoma japonicum*.

**Frontiers in cell and developmental biology , Volume: 9 2021**

Authors Lin D,Song Q,Zhang Y,Liu J,Chen F,Du S,Xiang S,Wang L,Wu X,Sun X

Regulatory Effect of Resveratrol on Inflammation Induced by Lipopolysaccharides via Reprogramming Intestinal Microbes and Ameliorating Serum Metabolism Profiles.

**Frontiers in immunology , Volume: 12 2021**

Authors Ding S,Jiang H,Fang J,Liu G

Effects of Dietary Zinc Sources on Growth Performance and Gut Health of Weaned Piglets.

**Frontiers in microbiology , Volume: 12 2021**

Authors Diao H,Yan J,Li S,Kuang S,Wei X,Zhou M,Zhang J,Huang C,He P,Tang W

An in-vitro comparison of four antibacterial agents with and without nicotine and their effects on human gingival fibroblasts.

**Journal of periodontology , 2021 Dec 2**

Authors Batra C,Alalshaikh M,Gregory RL,Windsor LJ,Blanchard SB,Hamada Y

A Pilot Study of the Effect of *Lactobacillus casei* Obtained from Long-Lived Elderly on Blood Biochemical, Oxidative, and Inflammatory Markers, and on Gut Microbiota in Young Volunteers.

**Nutrients , Volume: 13 Issue: 11 2021 Oct 29**

Authors Mei LH,Zheng WX,Zhao ZT,Meng N,Zhang QR,Zhu WJ,Li RD,Liang XL,Li QY

The Effects of Consuming White Button Mushroom *Agaricus bisporus* on the Brain and Liver Metabolome Using a Targeted Metabolomic Analysis.

**Metabolites , Volume: 11 Issue: 11 2021 Nov 15**

Authors Solano-Aguilar GI,Lakshman S,Jang S,Gupta R,Molokin A,Schroeder SG,Gillevet PM,Urban JF Jr

*Lactobacillus casei* Zhang exerts probiotic effects to antibiotic-treated rats.

**Computational and structural biotechnology journal , Volume: 19 2021**

Authors Yao G,Cao C,Zhang M,Kwok LY,Zhang H,Zhang W

*Lactobacillus plantarum* ZJUFB2 Prevents High Fat Diet-Induced Insulin Resistance in Association With Modulation of the Gut Microbiota.

**Frontiers in nutrition , Volume: 8 2021**

Authors Zhong H,Wang J,Abdullah,Hafeez MA,Guan R,Feng F

Inulin-grown *Faecalibacterium prausnitzii* cross-feeds fructose to the human intestinal epithelium.

**Gut microbes , Volume: 13 Issue: 1 2021 Jan-Dec**

Authors Fagundes RR,Bourgonje AR,Saeed A,Vich Vila A,Plomp N,Blokzijl T,Sadaghian Sadabad M,von Martels JZH,van

Leeuwen SS,Weersma RK,Dijkstra G,Harmsen HJM,Faber KN

Beneficial effect of whole-grain wheat on liver fat: a role for the gut microbiota?

**Hepatobiliary surgery and nutrition** , Volume: 10 Issue: 5 2021 Oct

Authors Gérard P

Evaluation of the therapeutic effect and dose-effect of Bifidobacterium breve on the primary Clostridioides difficile infected mice.

**Applied microbiology and biotechnology** , Volume: 105 Issue: 24 2021 Dec

Authors Yang J,Yang H

Dietary supplementation of gingerols- and shogaols-enriched ginger root extract attenuate pain-associated behaviors while modulating gut microbiota and metabolites in rats with spinal nerve ligation.

**The Journal of nutritional biochemistry** , 2021 Nov 5

Authors Shen CL,Wang R, Ji G,Elmassry MM,Zabet-Moghaddam M,Vellers H,Hamood AN,Gong X,Mirzaei P,Sang S,Neugebauer V

Chitooligosaccharides: Digestion characterization and effect of the degree of polymerization on gut microorganisms to manage the metabolome functional diversity in vitro.

**Carbohydrate polymers** , Volume: 275 2022 Jan 1

Authors Ji X,Zhu L,Chang K,Zhang R,Chen Y,Yin H,Jin J,Zhao L

Effect of organic acids-essential oils blend and oat fiber combination on broiler chicken growth performance, blood parameters, and intestinal health.

**Animal nutrition (Zhongguo xu mu shou yi xue hui)** , Volume: 7 Issue: 4 2021 Dec

Authors Adewole DI,Oladokun S,Santin E

Combined effect of carvacrol, thymol and nisin against Staphylococcus aureus and Salmonella Enteritidis.

**Anais da Academia Brasileira de Ciencias** , Volume: 93 Issue: suppl 4 2021

Authors Heckler C,Sant`anna V,Brandelli A,Malheiros PS

Effect of Long-Term and Short-Term Imbalanced Zn Manipulation on Gut Microbiota and Screening for Microbial Markers Sensitive to Zinc Status.

**Microbiology spectrum** , Volume: 9 Issue: 3 2021 Dec 22

Authors Chen L,Wang Z,Wang P,Yu X,Ding H,Wang Z,Feng J

Cinnamaldehyde Promotes the Intestinal Barrier Functions and Reshapes Gut Microbiome in Early Weaned Rats.

**Frontiers in nutrition** , Volume: 8 2021

Authors Qi L,Mao H,Lu X,Shi T,Wang J

Effects of dietary tributyrin and physterol ester supplementation on growth performance, intestinal morphology, microbiota and metabolites in weaned piglets.

**Journal of applied microbiology** , 2021 Oct 27

Authors Chen G,Zhuo R,Ding H,Yang K,Xue J,Zhang S,Chen L,Yin Y,Fang R

Effects of fermented wheat bran and yeast culture on growth performance, immunity and intestinal microflora in growing-finishing pigs.

**Journal of animal science** , 2021 Oct 23

Authors He W,Gao Y,Guo Z,Yang Z,Wang X,Liu H,Sun H,Shi B

Alleviation Effects of Bifidobacterium animalis subsp. lactis XLTG11 on Dextran Sulfate Sodium-Induced Colitis in Mice.

**Microorganisms** , Volume: 9 Issue: 10 2021 Oct 3

Authors Wang N,Wang S,Xu B,Liu F,Huo G,Li B

Supplementation with Lactiplantibacillus plantarum IMC 510 Modifies Microbiota Composition and Prevents Body Weight Gain Induced by Cafeteria Diet in Rats.

**International journal of molecular sciences** , Volume: 22 Issue: 20 2021 Oct 16

Authors Micioni Di Bonaventura MV,Coman MM,Tomassoni D,Micioni Di Bonaventura E,Botticelli L,Gabrielli MG,Rossolini GM,Di Pilato V,Cecchini C,Amedei A,Silvi S,Verdenelli MC,Cifani C

Extended Cheese Whey Fermentation Produces a Novel Casein-Derived Antibacterial Polypeptide That Also Inhibits Gelatinases MMP-2 and MMP-9.

**International journal of molecular sciences** , Volume: 22 Issue: 20 2021 Oct 15

Authors Santos MI,Lima A,Mota J,Rebelo P,Ferreira RB,Pedroso L,Ferreira MA,Sousa I

Alterations in Faecal Microbiota and Elevated Levels of Intestinal IgA Following Oral Administration of Lactocaseibacillus casei in mice.

**Probiotics and antimicrobial proteins** , Volume: 15 Issue: 3 2023 Jun

Authors Aindelis G,Ypsilantis P,Chlichlia K

Positive Synergistic Effects of Quercetin and Rice Bran on Human Gut Microbiota Reduces Enterobacteriaceae Family Abundance and Elevates Propionate in a Bioreactor Model.

**Frontiers in microbiology** , Volume: 12 2021

Authors Ghimire S,Wongkuna S,Sankaranarayanan R,Ryan EP,Bhat GJ,Scaria J

[Influence of Diet on the Effect of the Probiotic \*Lactobacillus paracasei\* in Rats Suffering From Allergic Asthma.](#)

**Frontiers in microbiology** , Volume: 12 2021

Authors Xie A,Song J,Lu S,Liu Y,Tang L,Wen S

[Olive Leaves \(\*Olea europaea\* L\) Extract Loaded Lipid Nanoparticles: Optimization of Processing Parameters by Box-Behnken Statistical Design, in-vitro Characterization, and Evaluation of Anti-oxidant and Anti-microbial Activity.](#)

**Journal of oleo science** , Volume: 70 Issue: 10 2021

Authors Alnusaire TS

[Adjunctive Probiotics Alleviates Asthmatic Symptoms via Modulating the Gut Microbiome and Serum Metabolome.](#)

**Microbiology spectrum** , 2021 Oct 6

Authors Liu A, Ma T, Xu N, Jin H, Zhao F, Kwok LY, Zhang H, Zhang S, Sun Z

[Treatment with a spore-based probiotic containing five strains of \*Bacillus\* induced changes in the metabolic activity and community composition of the gut microbiota in a SHIME® model of the human gastrointestinal system.](#)

**Food research international (Ottawa, Ont.)** , Volume: 149 2021 Nov

Authors Marzorati M, Van den Abbeele P, Bubeck S, Bayne T, Krishnan K, Young A

[Early-life polyphenol intake promotes \*Akkermansia\* growth and increase of host goblet cells in association with the potential synergistic effect of \*Lactobacillus\*.](#)

**Food research international (Ottawa, Ont.)** , Volume: 149 2021 Nov

Authors Lu F, Li Y, Wang X, Hu X, Liao X, Zhang Y

[Oral iron supplementation after antibiotic exposure induces a deleterious recovery of the gut microbiota.](#)

**BMC microbiology** , Volume: 21 Issue: 1 2021 Sep 28

Authors Cuisiniere T, Calvé A, Fragoso G, Ollero M, Hajjar R, Gonzalez E, Santos MM

[\*Bacillus pumilus\* and \*Bacillus subtilis\* Promote Early Maturation of Cecal Microbiota in Broiler Chickens.](#)

**Microorganisms** , Volume: 9 Issue: 9 2021 Sep 7

Authors Bilal M, Achard C, Barbe F, Chevaux E, Ronholm J, Zhao X

[Intake of \*Koji Amazake\* Improves Defecation Frequency in Healthy Adults.](#)

**Journal of fungi (Basel, Switzerland)** , Volume: 7 Issue: 9 2021 Sep 21

Authors Kurahashi A, Enomoto T, Oguro Y, Kojima-Nakamura A, Kodaira K, Watanabe K, Ozaki N, Goto H, Hirayama M

[Potential use of ground brown rice for weanling pigs.](#)

**Journal of animal science** , 2021 Sep 24

Authors Lee JJ, Kim S, Cho JH, Kyoung H, Lee S, Choe J, Liu Y, Ji P, Xiong X, Kim Y, Kim HB, Song M

[The Prebiotic Potential of Inulin-type Fructans: A Systematic Review.](#)

**Advances in nutrition (Bethesda, Md.)** , 2021 Sep 23

Authors Hughes RL, Alvarado DA, Swanson KS, Holscher HD

[Selenium-Enriched \*Lactobacillus acidophilus\* Ameliorates Dextran Sulfate Sodium-Induced Chronic Colitis in Mice by Regulating Inflammatory Cytokines and Intestinal Microbiota.](#)

**Frontiers in medicine** , Volume: 8 2021

Authors Wu Z, Pan D, Jiang M, Sang L, Chang B

[Pomegranate fruit pulp polyphenols reduce diet-induced obesity with modulation of gut microbiota in mice.](#)

**Journal of the science of food and agriculture** , Volume: 102 Issue: 5 2022 Mar 30

Authors Song H, Shen X, Chu Q, Zheng X

[\*Lactobacillus paracasei\* NK112 mitigates \*Escherichia coli\*-induced depression and cognitive impairment in mice by regulating IL-6 expression and gut microbiota.](#)

**Beneficial microbes** , 2021 Sep 13

Authors Yun SW, Kim JK, Han MJ, Kim DH

[Gut microbiota from green tea polyphenol-dosed mice improves intestinal epithelial homeostasis and ameliorates experimental colitis.](#)

**Microbiome** , Volume: 9 Issue: 1 2021 Sep 7

Authors Wu Z, Huang S, Li T, Li N, Han D, Zhang B, Xu ZZ, Zhang S, Pang J, Wang S, Zhang G, Zhao J, Wang J

[Effects of Dietary Supplementation of \*Lactobacillus delbrueckii\* on Gut Microbiome and Intestinal Morphology in Weaned Piglets.](#)

**Frontiers in veterinary science** , Volume: 8 2021

Authors Wang XL, Liu ZY, Li YH, Yang LY, Yin J, He JH, Hou DX, Liu YL, Huang XG

[Systematic Review of the Effects of Oat Intake on Gastrointestinal Health.](#)

**The Journal of nutrition** , 2021 Sep 6

Authors Valido E, Stoyanov J, Bertolo A, Hertig-Godeschalk A, Zeh RM, Flueck JL, Minder B, Stojic S, Metzger B, Bussler W, Muka T, Kern H, Glisic M

[Quercetin modulates the gut microbiota as well as the metabolome in a rat model of osteoarthritis.](#)

**Bioengineered** , Volume: 12 Issue: 1 2021 Dec

Authors Lan H,Hong W,Qian D,Peng F,Li H,Liang C,Du M,Gu J,Mai J,Bai B,Peng G

Eight-week exercise training in humans with obesity: Marked improvements in insulin sensitivity and modest changes in gut microbiome.

**Obesity (Silver Spring, Md.)** , Volume: 29 Issue: 10 2021 Oct

Authors Verheggen RJHM,Konstanti P,Smidt H,Hermus ARMM,Thijssen DHJ,Hopman MTE

Lactobacillus paracasei S16 Alleviates Lumbar Disc Herniation by Modulating Inflammation Response and Gut Microbiota.

**Frontiers in nutrition** , Volume: 8 2021

Authors Wang Z,Wu H,Chen Y,Chen H,Wang X,Yuan W

The Protection of *Lactiplantibacillus plantarum* CCFM8661 Against Benzopyrene-Induced Toxicity via Regulation of the Gut Microbiota.

**Frontiers in immunology** , Volume: 12 2021

Authors Yu L,Zhang L,Duan H,Zhao R,Xiao Y,Guo M,Zhao J,Zhang H,Chen W,Tian F

A Novel Sprouted Oat Fermented Beverage: Evaluation of Safety and Health Benefits for Celiac Individuals.

**Nutrients** , Volume: 13 Issue: 8 2021 Jul 23

Authors Aparicio-García N,Martínez-Villaluenga C,Frias J,Crespo Perez L,Fernández CF,Alba C,Rodríguez JM,Peñas E

Dietary Inulin Regulated Gut Microbiota and Improved Neonatal Health in a Pregnant Sow Model.

**Frontiers in nutrition** , Volume: 8 2021

Authors Li H,Ma L,Zhang L,Liu N,Li Z,Zhang F,Liu X,Ma X

Regulatory effects of *Lactobacillus* fermented black barley on intestinal microbiota of NAFLD rats.

**Food research international (Ottawa, Ont.)** , Volume: 147 2021 Sep

Authors Zhu C,Guan Q,Song C,Zhong L,Ding X,Zeng H,Nie P,Song L

Low-Dose Lactulose as a Prebiotic for Improved Gut Health and Enhanced Mineral Absorption.

**Frontiers in nutrition** , Volume: 8 2021

Authors Karakan T,Tuohy KM,Janssen-van Solingen G

Effects of Short-Term Dietary Fiber Intervention on Gut Microbiota in Young Healthy People.

**Diabetes, metabolic syndrome and obesity : targets and therapy** , Volume: 14 2021

Authors Tian T,Zhang X,Luo T,Wang D,Sun Y,Dai J

Effects of *Bacillus subtilis* and *Bacillus licheniformis* on growth performance, immunity, short chain fatty acid production, antioxidant capacity, and cecal microflora in broilers.

**Poultry science** , Volume: 100 Issue: 9 2021 Jun 26

Authors Xu Y,Yu Y,Shen Y,Li Q,Lan J,Wu Y,Zhang R,Cao G,Yang C

The effects of sustained fitness improvement on the gut microbiome: A longitudinal, repeated measures case-study approach.

**Translational sports medicine** , Volume: 4 Issue: 2 2021 Mar

Authors Barton W,Cronin O,Garcia-Perez I,Whiston R,Holmes E,Woods T,Molloy CB,Molloy MG,Shanahan F,Cotter PD,O'Sullivan O

Home-based exercise training influences gut bacterial levels in multiple sclerosis.

**Complementary therapies in clinical practice** , Volume: 45 2021 Jul 30

Authors Mokhtarzade M,Molanouri Shamsi M,Abolhasani M,Bakhshi B,Sahraian MA,Quinn LS,Negaresh R

Chemical composition, antioxidant and antibacterial activity of *Crataegus monogyna* leaves' extracts.

**Natural product research** , Volume: 36 Issue: 12 2022 Jun

Authors Belabdelli F,Bekhti N,Piras A,Benhafsa FM,Illham M,Adil S,Anes L

Assessment of *Lactobacillus casei rhamnosus* (LGG) therapy in children with biliary atresia - Randomized placebo controlled trial.

**Clinics and research in hepatology and gastroenterology** , Volume: 45 Issue: 6 2021 Nov

Authors Orlowska E,Czubkowski P,Wolochowska K,Jarzebicka D,Motyl I,Socha P

*Lactobacillus casei* LC89 exerts antidiabetic effects through regulating hepatic glucagon response and gut microbiota in type 2 diabetic mice.

**Food & function** , Volume: 12 Issue: 18 2021 Sep 20

Authors Zhang Y,Wu T,Li W,Zhao Y,Long H,Liu R,Sui W,Zhang M

Microencapsulated and Lyophilized *Lactobacillus acidophilus* Improved Gut Health and Immune Status of Preruminant Calves.

**Probiotics and antimicrobial proteins** , Volume: 14 Issue: 3 2022 Jun

Authors Kumar M,Kala A,Chaudhary LC,Agarwal N,Kochewad SA

The construction of recombinant *Lactobacillus casei* expressing hemagglutinin-neuraminidase protein and its immune response in chickens.

**Microbial pathogenesis** , Volume: 158 2021 Sep

Authors Ju A,Duan A,Zhang Y,Qin Y,Xue L,Ma X,Luan W,Yang S

[An exercise intervention alters stool microbiota and metabolites among older, sedentary adults.](#)

**Therapeutic advances in infectious disease** , Volume: 8 2021 Jan-Dec

Authors Erlandson KM,Liu J,Johnson R,Dillon S,Jankowski CM,Kroehl M,Robertson CE,Frank DN,Tuncil Y,Higgins J,Hamaker B,Wilson CC

[Dietary Supplementation with Inulin Modulates the Gut Microbiota and Improves Insulin Sensitivity in Prediabetes.](#)

**International journal of endocrinology** , Volume: 2021 2021

Authors Wang X,Wang T,Zhang Q,Xu L,Xiao X

[Cranberry \(Vaccinium macrocarpon\) dietary supplementation and fecal microbiota of Wistar rats.](#)

**AIMS microbiology** , Volume: 7 Issue: 2 2021

Authors Chettaoui R,Mayot G,De Almeida L,Di Martino P

[Punicic acid ameliorates obesity and liver steatosis by regulating gut microbiota composition in mice.](#)

**Food & function** , 2021 Jul 9

Authors Yuan G,Tan M,Chen X

[Flavonoids from Whole-Grain Oat Alleviated High-Fat Diet-Induced Hyperlipidemia via Regulating Bile Acid Metabolism and Gut Microbiota in Mice.](#)

**Journal of agricultural and food chemistry** , Volume: 69 Issue: 27 2021 Jul 14

Authors Duan R,Guan X,Huang K,Zhang Y,Li S,Xia J,Shen M

[Effects of Fermented Milk Containing \*Lactocaseibacillus paracasei\* Strain Shirota on Constipation in Patients with Depression: A Randomized, Double-Blind, Placebo-Controlled Trial.](#)

**Nutrients** , Volume: 13 Issue: 7 2021 Jun 29

Authors Zhang X,Chen S,Zhang M,Ren F,Ren Y,Li Y,Liu N,Zhang Y,Zhang Q,Wang R

[Evaluation of the Cholesterol-Lowering Mechanism of \*Enterococcus faecium\* Strain 132 and \*Lactobacillus paracasei\* Strain 201 in Hypercholesterolemia Rats.](#)

**Nutrients** , Volume: 13 Issue: 6 2021 Jun 9

Authors Yang L,Xie X,Li Y,Wu L,Fan C,Liang T,Xi Y,Yang S,Li H,Zhang J,Ding Y,Xue L,Chen M,Wang J,Wu Q

[Habitual Dietary Intake Affects the Altered Pattern of Gut Microbiome by Acarbose in Patients with Type 2 Diabetes.](#)

**Nutrients** , Volume: 13 Issue: 6 2021 Jun 19

Authors Takewaki F,Nakajima H,Takewaki D,Hashimoto Y,Majima S,Okada H,Senmaru T,Ushigome E,Hamaguchi M,Yamazaki M,Tanaka Y,Nakajima S,Ohno H,Fukui M

[Effects of Wine and Its Microbial-Derived Metabolites on Intestinal Permeability Using Simulated Gastrointestinal Digestion/Colonic Fermentation and Caco-2 Intestinal Cell Models.](#)

**Microorganisms** , Volume: 9 Issue: 7 2021 Jun 24

Authors Zorraquín-Peña I,Taladrid D,Tamargo A,Silva M,Molinero N,de Llano DG,Bartolomé B,Moreno-Arribas MV

[Nrf2/ARE Activators Improve Memory in Aged Mice via Maintaining of Mitochondrial Quality Control of Brain and the Modulation of Gut Microbiome.](#)

**Pharmaceuticals (Basel, Switzerland)** , Volume: 14 Issue: 7 2021 Jun 23

Authors Sadovnikova IS,Gureev AP,Ignatyeva DA,Gryaznova MV,Chernyshova EV,Krutsikh EP,Novikova AG,Popov VN

[Drinking Water with Saccharin Sodium Alters the Microbiota-Gut-Hypothalamus Axis in Guinea Pig.](#)

**Animals : an open access journal from MDPI** , Volume: 11 Issue: 7 2021 Jun 23

Authors Li J,Zhu S,Lv Z,Dai H,Wang Z,Wei Q,Hamdard E,Mustafa S,Shi F,Fu Y

[A Comprehensive Review of Almond Clinical Trials on Weight Measures, Metabolic Health Biomarkers and Outcomes, and the Gut Microbiota.](#)

**Nutrients** , Volume: 13 Issue: 6 2021 Jun 8

Authors Dreher ML

[Phytochemical Characterization of \*Olea europea\* Leaf Extracts and Assessment of Their Anti-Microbial and Anti-HSV-1 Activity.](#)

**Viruses** , Volume: 13 Issue: 6 2021 Jun 7

Authors Ben-Amor I,Musarra-Pizzo M,Smeriglio A,D'Arrigo M,Pennisi R,Attia H,Gargouri B,Trombetta D,Mandalari G,Sciortino MT

[Imbalanced dietary intake alters the colonic microbial profile in growing rats.](#)

**PloS one** , Volume: 16 Issue: 6 2021

Authors Jung TH,Han KS

[Cultivation of the gut bacterium \*Prevotella copri\* DSM 18205<sup>T</sup> using glucose and xylose as carbon sources.](#)

**MicrobiologyOpen** , Volume: 10 Issue: 3 2021 Jun

Authors Huang F,Sardari RRR,Jasilionis A,Böök O,Öste R,Rascón A,Heyman-Lindén L,Holst O,Karlsson EN

[Zinc hydroxychloride supplementation improves tibia bone development and intestinal health of broiler chickens.](#)

**Poultry science** , Volume: 100 Issue: 8 2021 Aug

Authors Nguyen HTT,Morgan N,Roberts JR,Wu SB,Swick RA,Toghyani M

Phytochemical characterization and biological properties of two standardized extracts from a non-psychotropic Cannabis sativa L. cannabidiol (CBD)-chemotype.

**Phytotherapy research** : PTR , Volume: 35 Issue: 9 2021 Sep

Authors Muscarà C,Smeriglio A,Trombetta D,Mandalari G,La Camera E,Grassi G,Circosta C

Effects of *Bacillus amyloliquefaciens* Instead of Antibiotics on Growth Performance, Intestinal Health, and Intestinal Microbiota of Broilers.

**Frontiers in veterinary science** , Volume: 8 2021

Authors Wang B,Zhou Y,Tang L,Zeng Z,Gong L,Wu Y,Li WF

Genistein Inhibits Colonic Goblet Cell Loss and Colorectal Inflammation Induced by Salmonella Typhimurium Infection.

**Molecular nutrition & food research** , Volume: 65 Issue: 16 2021 Aug

Authors He Y,Ayansola H,Hou Q,Liao C,Lei J,Lai Y,Jiang Q,Masatoshi H,Zhang B

Lactic acid production ability of *Lactobacillus* sp. from four tropical fruits using their by-products as carbon source.

**Heliyon** , Volume: 7 Issue: 5 2021 May

Authors Ngouénam JR,Momo Kenfack CH,Foko Kouam EM,Kaktcham PM,Maharjan R,Ngoufack FZ

Orange Juice and Yogurt Carrying Probiotic *Bacillus coagulans* GBI-30 6086: Impact of Intake on Wistar Male Rats Health Parameters and Gut Bacterial Diversity.

**Frontiers in microbiology** , Volume: 12 2021

Authors Almada-Érix CN,Almada CN,Cabral L,Barros de Medeiros VP,Roquette AR,Santos-Junior VA,Fontes M,Gonçalves

AESS,Dos Santos A,Lollo PC,Magnani M,Sant`Ana AS

*Lactobacillus acidophilus* LA14 Alleviates Liver Injury.

**mSystems** , Volume: 6 Issue: 3 2021 Jun 29

Authors Lv L,Yao C,Yan R,Jiang H,Wang Q,Wang K,Ren S,Jiang S,Xia J,Li S,Yu Y

*Lactobacillus paracasei* modulates the gut microbiota and improves inflammation in type 2 diabetic rats.

**Food & function** , 2021 Jun 11

Authors Zeng Z,Guo X,Zhang J,Yuan Q,Chen S

Resveratrol and its derivative pterostilbene ameliorate intestine injury in intrauterine growth-retarded weanling piglets by modulating redox status and gut microbiota.

**Journal of animal science and biotechnology** , Volume: 12 Issue: 1 2021 Jun 10

Authors Chen Y,Zhang H,Chen Y,Jia P, Ji S,Zhang Y,Wang T

Oral administration of camellia oil ameliorates obesity and modifies the gut microbiota composition in mice fed a high-fat diet.

**FEMS microbiology letters** , Volume: 368 Issue: 10 2021 Jun 11

Authors Huang T,Zhou W, Ma X,Jiang J,Zhang F,Zhou W,He H,Cui G

*Lactobacillus casei* CCFM1074 Alleviates Collagen-Induced Arthritis in Rats via Balancing Treg/Th17 and Modulating the Metabolites and Gut Microbiota.

**Frontiers in immunology** , Volume: 12 2021

Authors Fan Z,Ross RP,Stanton C,Hou B,Zhao J,Zhang H,Yang B,Chen W

Modulatory Effects of *Bacillus subtilis* on the Performance, Morphology, Cecal Microbiota and Gut Barrier Function of Laying Hens.

**Animals : an open access journal from MDPI** , Volume: 11 Issue: 6 2021 May 24

Authors Zhang G,Wang H,Zhang J,Tang X,Raheem A,Wang M,Lin W,Liang L,Qi Y,Zhu Y,Jia Y,Cui S,Qin T

Effect of BioPlus YC Probiotic Supplementation on Gut Microbiota, Production Performance, Carcass and Meat Quality of Pigs.

**Animals : an open access journal from MDPI** , Volume: 11 Issue: 6 2021 May 28

Authors Rybarczyk A,Bogusławska-Was E,Dłubala A

The Efficacy of Short-Term Weight Loss Programs and Consumption of Natural Probiotic Bryndza Cheese on Gut Microbiota Composition in Women.

**Nutrients** , Volume: 13 Issue: 6 2021 May 21

Authors Hric I,Ugrayová S,Penesová A,Rádlíková Ž,Kubánová L,Šardžíková S,Baranovicová E,Klucár L,Beke G,Grendar

M,Kolisek M,Šoltys K,Bielik V

A diet high in sugar and fat influences neurotransmitter metabolism and then affects brain function by altering the gut microbiota.

**Translational psychiatry** , Volume: 11 Issue: 1 2021 May 27

Authors Guo Y,Zhu X,Zeng M,Qi L,Tang X,Wang D,Zhang M,Xie Y,Li H,Yang X,Chen D

*Saccharomyces cerevisiae* boulardii CNCM I-1079 supplementation in finishing male pigs helps to cope with heat stress through feeding behaviour and gut microbiota modulation.

**The British journal of nutrition** , Volume: 127 Issue: 3 2022 Feb 14

Authors Labussière E,Achard C,Dubois S,Combes S,Castex M,Renaudeau D

Different *Bifidobacterium bifidum* strains change the intestinal flora composition of mice via different mechanisms to alleviate loperamide-induced constipation.

**Food & function** , 2021 May 26

Authors Chai M,Wang L,Li X,Zhao J,Zhang H,Wang G,Chen W

Cannabinoids from inflorescences fractions of *Trema orientalis* (L.) Blume (Cannabaceae) against human pathogenic bacteria.

**PeerJ** , Volume: 9 2021

Authors Napiroon T,Tanruean K,Poolprasert P,Bacher M,Balslev H,Poopath M,Santimaleeworagun W

The influence of exercise training volume alterations on the gut microbiome in highly-trained middle-distance runners.

**European journal of sport science** , 2021 May 26

Authors Craven J,Cox AJ,Bellinger P,Desbrow B,Irwin C,Buchan J,McCartney D,Sabapathy S

Intensive, prolonged exercise seemingly causes gut dysbiosis in female endurance runners.

**Journal of clinical biochemistry and nutrition** , Volume: 68 Issue: 3 2021 May

Authors Morishima S,Aoi W,Kawamura A,Kawase T,Takagi T,Naito Y,Tsukahara T,Inoue R

A multi-omics approach for understanding the effects of moderate wine consumption on human intestinal health.

**Food & function** , Volume: 12 Issue: 9 2021 May 11

Authors Belda I,Cueva C,Tamargo A,Ravarani CN,Acedo A,Bartolomé B,Moreno-Arribas MV

Effects of *Bacillus Coagulans* on growth performance, antioxidant capacity, immunity function, and gut health in broilers.

**Poultry science** , Volume: 100 Issue: 6 2021 Mar 27

Authors Zhang B,Zhang H,Yu Y,Zhang R,Wu Y,Yue M,Yang C

Extract of neem (*Azadirachta indica*) leaf exhibits bactericidal effect against multidrug resistant pathogenic bacteria of poultry.

**Veterinary medicine and science** , 2021 May 6

Authors Ali E,Islam MS,Hossen MI,Khatun MM,Islam MA

*Aspergillus oryzae* and *Aspergillus niger* Co-Cultivation Extract Affects In Vitro Degradation, Fermentation Characteristics, and Bacterial Composition in a Diet-Specific Manner.

**Animals : an open access journal from MDPI** , Volume: 11 Issue: 5 2021 Apr 26

Authors Kong F,Lu N,Liu Y,Zhang S,Jiang H,Wang H,Wang W,Li S

Effect of Fermented Products Produced by *Bacillus licheniformis* on the Growth Performance and Cecal Microbial Community of Broilers under Coccidial Challenge.

**Animals : an open access journal from MDPI** , Volume: 11 Issue: 5 2021 Apr 26

Authors Cheng YH,Hong YB,Chen WJ,Hua KF,Dybus A,Yu YH

*Lactobacillus* Sps in Reducing the Risk of Diabetes in High-Fat Diet-Induced Diabetic Mice by Modulating the Gut Microbiome and Inhibiting Key Digestive Enzymes Associated with Diabetes.

**Biology** , Volume: 10 Issue: 4 2021 Apr 20

Authors Gulnaz A,Nadeem J,Han JH,Lew LC,Son JD,Park YH,Rather IA,Hor YY

Synbiotic formulation of *Cichorium intybus* root powder with *Lactobacillus acidophilus* NCDC15 and *Lactobacillus reuteri* BFE7 improves growth performance in Murrah buffalo calves via altering selective gut health indices.

**Tropical animal health and production** , Volume: 53 Issue: 2 2021 Apr 28

Authors Singh M,Kumar S,Banakar PS,Vinay VV,Das A,Tyagi N,Tyagi AK

Antibacterial activity and antibacterial mechanism of ethanol extracts of *Lentinula edodes* (Shiitake) and *Agaricus bisporus* (button mushroom).

**International journal of environmental health research** , Volume: 32 Issue: 8 2022 Aug

Authors Erdogan Eliuz EA

Preventive Effects of *Bacillus licheniformis* on Heat Stroke in Rats by Sustaining Intestinal Barrier Function and Modulating Gut Microbiota.

**Frontiers in microbiology** , Volume: 12 2021

Authors Li L,Wang M,Chen J,Xu Z,Wang S,Xia X,Liu D,Wang S,Xie C,Wu J,Li J,Zhang J,Wang M,Zhu J,Ling C,Xu S

Anti-Inflammatory and Antimicrobial Activities of Compounds Isolated from *Distichochlamys benenica*.

**BioMed research international** , Volume: 2021 2021

Authors Pham TV,Hoang HNT,Nguyen HT,Nguyen HM,Huynh CT,Vu TY,Do AT,Nguyen NH,Do BH

In vitro and in vivo anti-*Helicobacter pylori* activity of selected medicinal plants employed for the management of gastrointestinal disorders.

**Pakistan journal of pharmaceutical sciences** , Volume: 33 Issue: 6(Supplementary) 2020 Nov

Authors Zahid R,Asif HM,Rasheed F,Rashid F,Kamran R,Ahmed K,Saeed SA,Muhammad JS,Akram M,Zaidi SF

*Saccharomyces boulardii* ameliorates gut dysbiosis associated cognitive decline.

**Physiology & behavior** , Volume: 236 2021 Jul 1

Authors Roy Sarkar S,Mitra Mazumder P,Chatterjee K,Sarkar A,Adhikary M,Mukhopadhyay K,Banerjee S

Implications of Tributyrin on Gut Microbiota Shifts Related to Performances of Weaning Piglets.**Microorganisms** , Volume: 9 Issue: 3 2021 Mar 12

Authors Miragoli F,Patrone V,Prandini A,Sigolo S,Dell`Anno M,Rossi L,Senizza A,Morelli L,Callegari ML

A Polyphenol Enriched Variety of Apple Alters Circulating Immune Cell Gene Expression and Faecal Microbiota Composition in Healthy Adults: A Randomized Controlled Trial.**Nutrients** , Volume: 13 Issue: 4 2021 Mar 27

Authors Barnett MPG,Young W,Armstrong K,Brewster D,Cooney JM,Ellett S,Espley RV,Laing W,Maclean P,McGhie T,Pringle G,Roy NC,Ferguson LR

Bifidobacterium adolescentis Isolated from Different Hosts Modifies the Intestinal Microbiota and Displays Differential Metabolic and Immunomodulatory Properties in Mice Fed a High-Fat Diet.**Nutrients** , Volume: 13 Issue: 3 2021 Mar 21

Authors Wang B,Kong Q,Cui S,Li X,Gu Z,Zhao J,Zhang H,Chen W,Wang G

Ingestion of High  $\beta$ -Glucan Barley Flour Enhances the Intestinal Immune System of Diet-Induced Obese Mice by Prebiotic Effects.**Nutrients** , Volume: 13 Issue: 3 2021 Mar 11

Authors Mio K,Otake N,Nakashima S,Matsuoka T,Aoe S

[Ginger-separated moxibustion for chronic fatigue syndrome and its effect on intestinal flora].**Zhongguo zhen jiu = Chinese acupuncture & moxibustion** , Volume: 41 Issue: 3 2021 Mar 12

Authors Lin YF,Jin XQ,Zhu JF,Chen YD,Sheng JL,He JJ,Jin YY

Beverages containing Lactobacillus paracasei LC-37 improved functional dyspepsia through regulation of the intestinal microbiota and their metabolites.**Journal of dairy science** , 2021 Mar 10

Authors Sun E,Zhang X,Zhao Y,Li J,Sun J,Mu Z,Wang R

Potato resistant starch inhibits diet-induced obesity by modifying the composition of intestinal microbiota and their metabolites in obese mice.**International journal of biological macromolecules** , Volume: 180 2021 Mar 9

Authors Liang D,Zhang L,Chen H,Zhang H,Hu H,Dai X

Effect of Blueberry Anthocyanin-Rich Extracts on Peripheral and Hippocampal Antioxidant Defensiveness: The Analysis of the Serum Fatty Acid Species and Gut Microbiota Profile.**Journal of agricultural and food chemistry** , Volume: 69 Issue: 12 2021 Mar 31

Authors Si X,Bi J,Chen Q,Cui H,Bao Y,Tian J,Shu C,Wang Y,Tan H,Zhang W,Chen Y,Li B

Lactobacillus paracasei DTA81, a cholesterol-lowering strain having immunomodulatory activity, reveals gut microbiota regulation capability in BALB/c mice receiving high-fat diet.**Journal of applied microbiology** , Volume: 131 Issue: 4 2021 Oct

Authors Tarrah A,Dos Santos Cruz BC,Sousa Dias R,da Silva Duarte V,Pakroo S,Licursi de Oliveira L,Gouveia Peluzio MC,Corich V,Giacomini A,Oliveira de Paula S

Gut Microbiota Variation With Short-Term Intake of Ginger Juice on Human Health.**Frontiers in microbiology** , Volume: 11 2020

Authors Wang X,Zhang D,Jiang H,Zhang S,Pang X,Gao S,Zhang H,Zhang S,Xiao Q,Chen L,Wang S,Qi D,Li Y

Assessment of Antimicrobial Activity of Pomegranate, Cranberry, and Black Chokeberry Extracts against Foodborne Pathogens.**Foods (Basel, Switzerland)** , Volume: 10 Issue: 3 2021 Feb 24

Authors Daoutidou M,Plessas S,Alexopoulos A,Mantzourani I

Lactobacillus plantarum and Bifidobacterium bifidum alleviate dry eye in mice with exorbital lacrimal gland excision by modulating gut inflammation and microbiota.**Food & function** , Volume: 12 Issue: 6 2021 Mar 21

Authors Yun SW,Son YH,Lee DY,Shin YJ,Han MJ,Kim DH

Effect of Quercetin on Lipids Metabolism Through Modulating the Gut Microbial and AMPK/PPAR Signaling Pathway in Broilers.**Frontiers in cell and developmental biology** , Volume: 9 2021

Authors Wang M,Wang B,Wang S,Lu H,Wu H,Ding M,Ying L,Mao Y,Li Y

Daily intake of Lactobacillus alleviates autistic-like behaviors by ameliorating the 5-hydroxytryptamine metabolic disorder in VPA-treated rats during weaning and sexual maturation.**Food & function** , Volume: 12 Issue: 6 2021 Mar 21

Authors Kong Q,Wang B,Tian P,Li X,Zhao J,Zhang H,Chen W,Wang G

Antimicrobial Efficacy of Triphala and Propolis-modified Glass Ionomer Cement: An In Vitro Study.**International journal of clinical pediatric dentistry** , Volume: 13 Issue: 5 2020 Sep-Oct

Authors Paulraj J,Nagar P

Effects of Banana Resistant Starch on the Biochemical Indexes and Intestinal Flora of Obese Rats Induced by a High-Fat Diet and Their Correlation Analysis.

**Frontiers in bioengineering and biotechnology** , Volume: 9 2021

Authors Fu J,Wang Y,Tan S,Wang J

The impact of medical cannabis consumption on the oral flora and saliva.

**PloS one** , Volume: 16 Issue: 2 2021

Authors Habib G,Steinberg D,Jabbour A

The effect of acute moderate-intensity exercise on the serum and fecal metabolomes and the gut microbiota of cross-country endurance athletes.

**Scientific reports** , Volume: 11 Issue: 1 2021 Feb 11

Authors Tabone M,Bressa C,García-Merino JA,Moreno-Pérez D,Van EC,Castelli FA,Fenaille F,Larrosa M

Dietary intake of walnut prevented Helicobacter pylori-associated gastric cancer through rejuvenation of chronic atrophic gastritis.

**Journal of clinical biochemistry and nutrition** , Volume: 68 Issue: 1 2021 Jan

Authors Park JM,Han YM,Park YJ,Hahm KB

Prevention and Alleviation of Dextran Sulfate Sodium Salt-Induced Inflammatory Bowel Disease in Mice With *Bacillus subtilis*-Fermented Milk via Inhibition of the Inflammatory Responses and Regulation of the Intestinal Flora.

**Frontiers in microbiology** , Volume: 11 2020

Authors Zhang X,Tong Y,Lyu X,Wang J,Wang Y,Yang R

Effects of novel probiotic strains of *Bacillus pumilus* and *Bacillus subtilis* on production, gut health, and immunity of broiler chickens raised under suboptimal conditions.

**Poultry science** , Volume: 100 Issue: 3 2021 Mar

Authors Bilal M,Si W,Barbe F,Chevaux E,Sienkiewicz O,Zhao X

Potential mechanisms underlying the ameliorative effect of *Lactobacillus paracasei* FZU103 on the lipid metabolism in hyperlipidemic mice fed a high-fat diet.

**Food research international (Ottawa, Ont.)** , Volume: 139 2021 Jan

Authors Lv XC,Chen M,Huang ZR,Guo WL,Ai LZ,Bai WD,Yu XD,Liu YL,Rao PF,Ni L

Effect of probiotic *Lactobacillus plantarum* Dad-13 powder consumption on the gut microbiota and intestinal health of overweight adults.

**World journal of gastroenterology** , Volume: 27 Issue: 1 2021 Jan 7

Authors Rahayu ES,Mariyatun M,Putri Manurung NE,Hasan PN,Therdthatha P,Mishima R,Komalasari H,Mahfuzah NA,Pamungkaningtyas FH,Yoga WK,Nurfiana DA,Liwan SY,Juffrie M,Nugroho AE,Utami T

Pretreatment with chitosan oligosaccharides attenuate experimental severe acute pancreatitis via inhibiting oxidative stress and modulating intestinal homeostasis.

**Acta pharmacologica Sinica** , 2021 Jan 25

Authors Mei QX,Hu JH,Huang ZH,Fan JJ,Huang CL,Lu YY,Wang XP,Zeng Y

Edible Films from Carrageenan/Orange Essential Oil/Trehalose-Structure, Optical Properties, and Antimicrobial Activity.

**Polymers** , Volume: 13 Issue: 3 2021 Jan 21

Authors Simona J,Dani D,Petr S,Marcela N,Jakub T,Bohuslava T

Effect of dietary inclusion of dried apple pomace on faecal butyrate concentration and modulation of gut microbiota in dogs.

**Archives of animal nutrition** , Volume: 75 Issue: 1 2021 Feb

Authors de Brito CBM,Menezes Souza CM,Bastos TS,Mesa D,Oliveira SG,Félix AP

The antimicrobial potential of cannabidiol.

**Communications biology** , Volume: 4 Issue: 1 2021 Jan 19

Authors Blaskovich MAT,Kavanagh AM,Elliott AG,Zhang B,Ramu S,Amado M,Lowe GJ,Hinton AO,Pham DMT,Zuegg J,Beare N,Quach D,Sharp MD,Pogliano J,Rogers AP,Lyras D,Tan L,West NP,Crawford DW,Peterson ML,Callahan M,Thurn M

Pharmacological Therapy Determines the Gut Microbiota Modulation by a Pomegranate Extract Nutraceutical in Metabolic Syndrome: A Randomized Clinical Trial.

**Molecular nutrition & food research** , Volume: 65 Issue: 6 2021 Mar

Authors Cortés-Martín A,Iglesias-Aguirre CE,Meoro A,Selma MV,Espín JC

A pilot study on the relationship between *Lactobacillus*, *Bifidobacterium* counts and inflammatory factors following exercise training.

**Archives of physiology and biochemistry** , Volume: 129 Issue: 3 2023 Jun

Authors Mahdieh MS,Maryam J,Bita B,Neda F,Motahare M,Mahboobeh B,LeBris S Q,Kalani Behrooz S

The antimicrobial capacity of *Cistus salviifolius* and *Punica granatum* plant extracts against clinical pathogens is related to their polyphenolic composition.

**Scientific reports** , Volume: 11 Issue: 1 2021 Jan 12

Authors Álvarez-Martínez FJ,Rodríguez JC,Borrás-Rocher F,Barrajón-Catalán E,Micol V

Effects of Iron and Zinc Biofortified Foods on Gut Microbiota In Vivo (*Gallus gallus*): A Systematic Review.**Nutrients** , Volume: 13 Issue: 1 2021 Jan 9

Authors Juste Contin Gomes M,Stampini Duarte Martino H,Tako E

Inulin ameliorates schizophrenia via modulation of the gut microbiota and anti-inflammation in mice.**Food & function** , Volume: 12 Issue: 3 2021 Feb 15

Authors Guo L,Xiao P,Zhang X,Yang Y,Yang M,Wang T,Lu H,Tian H,Wang H,Liu J

Dietary Inulin Supplementation Modulates Short-Chain Fatty Acid Levels and Cecum Microbiota Composition and Function in Chickens Infected With Salmonella.**Frontiers in microbiology** , Volume: 11 2020

Authors Song J,Li Q,Everaert N,Liu R,Zheng M,Zhao G,Wen J

The Effect of Xyloligosaccharide, Xylan, and Whole Wheat Bran on the Human Gut Bacteria.**Frontiers in microbiology** , Volume: 11 2020

Authors Chen M,Liu S,Imam KMSU,Sun L,Wang Y,Gu T,Wen B,Xin F

Blueberry and cranberry anthocyanin extracts reduce bodyweight and modulate gut microbiota in C57BL/6J mice fed with a high-fat diet.**European journal of nutrition** , 2021 Jan 3

Authors Liu J,Hao W,He Z,Kwek E,Zhu H,Ma N,Ma KY,Chen ZY

Selective Utilization of the Human Milk Oligosaccharides 2'-Fucosyllactose, 3-Fucosyllactose, and Difucosyllactose by Various Probiotic and Pathogenic Bacteria.**Journal of agricultural and food chemistry** , Volume: 69 Issue: 1 2021 Jan 13

Authors Salli K,Hirvonen J,Siitonen J,Ahonen I,Angenius H,Maukonen J

Pomegranate peel extract ameliorates the severity of experimental autoimmune encephalomyelitis via modulation of gut microbiota.**Gut microbes** , Volume: 12 Issue: 1 2020 Nov 9

Authors Lu XY,Han B,Deng X,Deng SY,Zhang YY,Shen PX,Hui T,Chen RH,Li X,Zhang Y

Graded dietary resistant starch concentrations on apparent total tract macronutrient digestibility and fecal fermentative end products and microbial populations of healthy adult dogs.**Journal of animal science** , Volume: 99 Issue: 1 2021 Jan 1

Authors Beloshapka AN,Cross TL,Swanson KS

Microbial Metabolism of Theaflavin-3,3'-digallate and Its Gut Microbiota Composition Modulatory Effects.**Journal of agricultural and food chemistry** , Volume: 69 Issue: 1 2021 Jan 13

Authors Liu Z,de Bruijn WJC,Bruins ME,Vincken JP

Exopolysaccharides from *Lactobacillus plantarum* YW11 improve immune response and ameliorate inflammatory bowel disease symptoms.**Acta biochimica Polonica** , Volume: 67 Issue: 4 2020 Dec 17

Authors Min Z,Xiaona H,Aziz T,Jian Z,Zhennai Y

Alleviation of DSS-induced colitis via *Lactobacillus acidophilus* treatment in mice.**Food & function** , Volume: 12 Issue: 1 2021 Jan 7

Authors Kim WK,Han DH,Jang YJ,Park S,Jang SJ,Lee G,Han HS,Ko G

Cow, Goat, and Mare Milk Diets Differentially Modulated the Immune System and Gut Microbiota of Mice Colonized by Healthy Infant Feces.**Journal of agricultural and food chemistry** , Volume: 68 Issue: 51 2020 Dec 23

Authors Li N,Xie Q,Chen Q,Evivie SE,Liu D,Dong J,Huo G,Li B

Administration of *Saccharomyces boulardii* maffio-1701 improves feed conversion ratio, promotes antioxidant capacity, alleviates intestinal inflammation and modulates gut microbiota in weaned piglets.**Journal of animal science and biotechnology** , Volume: 11 Issue: 1 2020 Dec 4

Authors Zhang W,Bao C,Wang J,Zang J,Cao Y

*Bacillus amyloliquefaciens* TL106 protects mice against enterohaemorrhagic *Escherichia coli* O157:H7-induced intestinal disease through improving immune response, intestinal barrier function and gut microbiota.**Journal of applied microbiology** , Volume: 131 Issue: 1 2021 Jul

Authors Bao CL,Liu SZ,Shang ZD,Liu YJ,Wang J,Zhang WX,Dong B,Cao YH

*Lycium barbarum* polysaccharide attenuates myocardial injury in high-fat diet-fed mice through manipulating the gut microbiome and fecal metabolome.**Food research international (Ottawa, Ont.)** , Volume: 138 Issue: Pt B 2020 Dec

Authors Zhang Z,Liu H,Yu B,Tao H,Li J,Wu Z,Liu G,Yuan C,Guo L,Cui B

Modulation of gut microbiota and intestinal barrier function during alleviation of antibiotic-associated diarrhea with *Rhizoma Zingiber officinale* (Ginger) extract.**Food & function** , Volume: 11 Issue: 12 2020 Dec 1

Authors Ma ZJ ,Wang HJ ,Ma XJ ,Li Y ,Yang HJ ,Li H ,Su JR ,Zhang CE ,Huang LQ

Adjunctive treatment with probiotics partially alleviates symptoms and reduces inflammation in patients with irritable bowel syndrome.

**European journal of nutrition** , 2020 Nov 22

Authors Xu H, Ma C, Zhao F, Chen P, Liu Y, Sun Z, Cui L, Kwok LY, Zhang H

Resistant starch intake alleviates collagen-induced arthritis in mice by modulating gut microbiota and promoting concomitant propionate production.

**Journal of autoimmunity** , Volume: 116 2021 Jan

Authors Bai Y, Li Y, Marion T, Tong Y, Zaiss MM, Tang Z, Zhang Q, Liu Y, Luo Y

Rice peptide with amino acid substitution inhibits biofilm formation by Porphyromonas gingivalis and Fusobacterium nucleatum.

**Archives of oral biology** , Volume: 121 2021 Jan

Authors Matsugishi A, Aoki-Nonaka Y, Yokoji-Takeuchi M, Yamada-Hara M, Mikami Y, Hayatsu M, Terao Y, Domon H, Taniguchi M, Takahashi N, Yamazaki K, Tabeta K

Chemical Composition and Antimicrobial Activity of Selected Essential Oils against Staphylococcus spp. Isolated from Human Semen.

**Antibiotics (Basel, Switzerland)** , Volume: 9 Issue: 11 2020 Oct 31

Authors Kacániová M, Terentjeva M, Štefániková J, Žiarovská J, Savitskaya T, Grinshpan D, Kowalczewski PL, Vukovic N, Tvrdá E

Anti-inflammatory Bifidobacterium strains prevent dextran sodium sulfate induced colitis and associated gut microbial dysbiosis in mice.

**Scientific reports** , Volume: 10 Issue: 1 2020 Oct 29

Authors Singh S, Bhatia R, Khare P, Sharma S, Rajarammohan S, Bishnoi M, Bhadada SK, Sharma SS, Kaur J, Kondepudi KK

Inulin supplementation ameliorates hyperuricemia and modulates gut microbiota in Uox-knockout mice.

**European journal of nutrition** , Volume: 60 Issue: 4 2021 Jun

Authors Guo Y, Yu Y, Li H, Ding X, Li X, Jing X, Chen J, Liu G, Lin Y, Jiang C, Liu Z, He Y, Li C, Tian Z

Antibacterial property of Azadirachta indica, Ocimum sanctum, and Vitex negundo against oral microbes.

**Journal of conservative dentistry : JCD** , Volume: 22 Issue: 6 2019 Nov-Dec

Authors Kalita C, Raja D, Saikia A, Saikia AK

The in vitro Effects of the Probiotic Strain, Lactobacillus casei ZX633 on Gut Microbiota Composition in Infants With Diarrhea.

**Frontiers in cellular and infection microbiology** , Volume: 10 2020

Authors Wang X, Zhang M, Wang W, Lv H, Zhang H, Liu Y, Tan Z

Distinct Effects of Milks From Various Animal Types on Infant Fecal Microbiota Through in vitro Fermentations.

**Frontiers in microbiology** , Volume: 11 2020

Authors Li N, Li B, Guan J, Shi J, Evvie SE, Zhao L, Huo G, Wang S

Oat bran and wheat bran impact net energy by shaping microbial communities and fermentation products in pigs fed diets with or without xylanase.

**Journal of animal science and biotechnology** , Volume: 11 2020

Authors Lyu Z, Wang L, Wang J, Wang Z, Zhang S, Wang J, Cheng J, Lai C

Dietary Epigallocatechin-3-Gallate Alters the Gut Microbiota of Obese Diabetic db/db Mice: Lactobacillus Is a Putative Target.

**Journal of medicinal food** , Volume: 23 Issue: 10 2020 Oct

Authors Park JM, Shin Y, Kim SH, Jin M, Choi JJ

Bacillus subtilis and Enterococcus faecium co-fermented feed regulates lactating sow's performance, immune status and gut microbiota.

**Microbial biotechnology** , Volume: 14 Issue: 2 2021 Mar

Authors Wang C, Wei S, Xu B, Hao L, Su W, Jin M, Wang Y

An Almond-Based Low Carbohydrate Diet Improves Depression and Glycometabolism in Patients with Type 2 Diabetes through Modulating Gut Microbiota and GLP-1: A Randomized Controlled Trial.

**Nutrients** , Volume: 12 Issue: 10 2020 Oct 3

Authors Ren M, Zhang H, Qi J, Hu A, Jiang Q, Hou Y, Feng Q, Ojo O, Wang X

Effect of Combined Live Probiotics Alleviating the Gastrointestinal Symptoms of Functional Bowel Disorders.

**Gastroenterology research and practice** , Volume: 2020 2020

Authors Shi J, Gao F, Zhang J

Bifidobacterium bifidum TMC3115 ameliorates milk protein allergy in by affecting gut microbiota: A randomized double-blind control trial.

**Journal of food biochemistry** , Volume: 44 Issue: 11 2020 Nov

Authors Jing W, Liu Q, Wang W

Investigation on the biofilm eradication potential of selected medicinal plants against methicillin-resistant Staphylococcus aureus.

**Biotechnology reports (Amsterdam, Netherlands) , Volume: 28 2020 Dec**

Authors S LP,A U,S J GF

[The Influence of Essential Oils on Gut Microbial Profiles in Pigs.](#)**Animals : an open access journal from MDPI , Volume: 10 Issue: 10 2020 Sep 24**

Authors Ruzauskas M,Bartkiene E,Stankevicius A,Bernatoniene J,Zadeike D,Lele V,Starkute V,Zavistanaviciute P,Grigas J,Zokaityte E,Pautienius A,Juodeikiene G,Jakstas V

[Effects of Concurrent Omega-3 and Cranberry Juice Consumption Along with Standard Antibiotic Therapy on the Eradication of Helicobacter pylori, Gastrointestinal Symptoms, Some Serum Inflammatory and Oxidative Stress Markers in Adults with Helicobacter pylori Infection: A Study Protocol for a Randomized Controlled Trial.](#)**Infection and drug resistance , Volume: 13 2020**

Authors Zare Javid A,Maghsoumi-Norouzabad L,Bazyar H,Aghamohammadi V,Alavinejad P

[Feasibility and effects on the gut microbiota of a 12-week high-intensity interval training plus lifestyle education intervention on inactive adults with celiac disease.](#)**Applied physiology, nutrition, and metabolism = Physiologie appliquee, nutrition et metabolisme , Volume: 46 Issue: 4 2021 Apr**

Authors Warbeck C,Dowd AJ,Kronlund L,Parmer C,Daun JT,Wytsma-Fisher K,Millet GY,Schick A,Reimer RA,Fung T,Culos-Reed SN

[Anti-Biofilm Activity of Cell-Free Supernatant of Saccharomyces cerevisiae against Staphylococcus aureus.](#)**Journal of microbiology and biotechnology , Volume: 30 Issue: 12 2020 Dec 28**

Authors Kim YJ,Yu HH,Park YJ,Lee NK,Paik HD

[Relative abundance of the Prevotella genus within the human gut microbiota of elderly volunteers determines the inter-individual responses to dietary supplementation with wheat bran arabinoxylan-oligosaccharides.](#)**BMC microbiology , Volume: 20 Issue: 1 2020 Sep 14**

Authors Chung WSF,Walker AW,Bosscher D,Garcia-Campayo V,Wagner J,Parkhill J,Duncan SH,Flint HJ

[Brazilian southeast brown propolis: gas chromatography method development for its volatile oil analysis, its antimicrobial and leishmanicidal activities evaluation.](#)**Phytochemical analysis : PCA , Volume: 32 Issue: 3 2021 May**

Authors Ribeiro VP,Arruda C,Mejía JAA,Candido ACBB,Dos Santos RA,Magalhães LG,Bastos JK

[Antibacterial Activity and Mechanism of Ginger Essential Oil against Escherichia coli and Staphylococcus aureus.](#)**Molecules (Basel, Switzerland) , Volume: 25 Issue: 17 2020 Aug 30**

Authors Wang X,Shen Y,Thakur K,Han J,Zhang JG,Hu F,Wei ZJ

[Antimicrobial Effect of Natural Berry Juices on Common Oral Pathogenic Bacteria.](#)**Antibiotics (Basel, Switzerland) , Volume: 9 Issue: 9 2020 Aug 24**

Authors Kranz S,Guellmar A,Olschowsky P,Tonndorf-Martini S,Heyder M,Pfister W,Reise M,Sigusch B

[The effects of dairy and dairy derivatives on the gut microbiota: a systematic literature review.](#)**Gut microbes , Volume: 12 Issue: 1 2020 Nov 9**

Authors Aslam H,Marx W,Rocks T,Loughman A,Chandrasekaran V,Ruusunen A,Dawson SL,West M,Mullarkey E,Pasco JA,Jacka FN

[A novel inulin-type fructan from Asparagus cochinchinensis and its beneficial impact on human intestinal microbiota.](#)**Carbohydrate polymers , Volume: 247 2020 Nov 1**

Authors Sun Q,Zhu L,Li Y,Cui Y,Jiang S,Tao N,Chen H,Zhao Z,Xu J,Dong C

[Reciprocal Interactions between Epigallocatechin-3-gallate \(EGCG\) and Human Gut Microbiota In Vitro.](#)**Journal of agricultural and food chemistry , Volume: 68 Issue: 36 2020 Sep 9**

Authors Liu Z,de Bruijn WJC,Bruins ME,Vincken JP

[Impacts of Habitual Diets Intake on Gut Microbial Counts in Healthy Japanese Adults.](#)**Nutrients , Volume: 12 Issue: 8 2020 Aug 12**

Authors Sugimoto T,Shima T,Amamoto R,Kaga C,Kado Y,Watanabe O,Shiinoki J,Iwazaki K,Shigemura H,Tsuji H,Matsumoto S

[Suppression of Helicobacter pylori infection by daily cranberry intake: A double-blind, randomized, placebo-controlled trial.](#)**Journal of gastroenterology and hepatology , Volume: 36 Issue: 4 2021 Apr**

Authors Li ZX,Ma JL,Guo Y,Liu WD,Li M,Zhang LF,Zhang Y,Zhou T,Zhang JY,Gao HE,Guo XY,Ye DM,Li WQ,You WC,Pan KF

[Nuts and their Effect on Gut Microbiota, Gut Function and Symptoms in Adults: A Systematic Review and Meta-Analysis of Randomised Controlled Trials.](#)**Nutrients , Volume: 12 Issue: 8 2020 Aug 6**

Authors Creedon AC,Hung ES,Berry SE,Whelan K

[Randomised clinical study: oral aspirin 325 mg daily vs placebo alters gut microbial composition and bacterial taxa associated with colorectal cancer risk.](#)**Alimentary pharmacology & therapeutics , Volume: 52 Issue: 6 2020 Sep**

Authors Prizment AE,Staley C,Onyeaghalala GC,Vivek S,Thyagarajan B,Straka RJ,Demmer RT,Knights D,Meyer KA,Shaukat

A,Sadowsky MJ,Church TR

Effects of reducing dietary crude protein concentration and supplementation with laminarin or zinc oxide on the faecal scores and colonic microbiota in newly weaned pigs.

**Journal of animal physiology and animal nutrition** , 2020 Aug 6

Authors Rattigan R,Sweeney T,Vigors S,Rajauria G,O`Doherty JV

Lactobacillus plantarum PS128 Improves Physiological Adaptation and Performance in Triathletes through Gut Microbiota Modulation.

**Nutrients** , Volume: 12 Issue: 8 2020 Aug 1

Authors Huang WC,Pan CH,Wei CC,Huang HY

Impact of Heat-Killed Lactobacillus casei Strain IMAU60214 on the Immune Function of Macrophages in Malnourished Children.

**Nutrients** , Volume: 12 Issue: 8 2020 Jul 31

Authors Rocha-Ramírez LM,Hernández-Ochoa B,Gómez-Manzo S,Marcial-Quino J,Cárdenas-Rodríguez N,Centeno-Leija S,García-Garibay M

Diet with a High Proportion of Rice Alters Profiles and Potential Function of Digesta-Associated Microbiota in the Ileum of Goats.

**Animals : an open access journal from MDPI** , Volume: 10 Issue: 8 2020 Jul 24

Authors Wang K,Ren A,Zheng M,Jiao J,Yan Q,Zhou C,Tan Z

Dietary Mannan-oligosaccharides potentiate the beneficial effects of Bifidobacterium bifidum in broiler chicken.

**Letters in applied microbiology** , Volume: 71 Issue: 5 2020 Nov

Authors Dev K,Akbar Mir N,Biswas A,Kannoujia J,Begum J,Kant R

The effect of nut consumption (tree nuts and peanuts) on the gut microbiota of humans: a systematic review.

**The British journal of nutrition** , Volume: 125 Issue: 5 2021 Mar 14

Authors Fitzgerald E,Lambert K,Stanford J,Neale EP

Effect of High versus Low Dairy Consumption on the Gut Microbiome: Results of a Randomized, Cross-Over Study.

**Nutrients** , Volume: 12 Issue: 7 2020 Jul 17

Authors Swarte JC,Eelderink C,Douwes RM,Said MY,Hu S,Post A,Westerhuis R,Bakker SJL,Harmsen HUM

Long-term Consumption of 2-O- $\beta$ -D-Glucopyranosyl-L-ascorbic Acid from the Fruits of Lycium barbarum Modulates Gut Microbiota in C57BL/6 Mice.

**Journal of agricultural and food chemistry** , 2020 Jul 24

Authors Dong W,Huang K,Yan Y,Wan P,Peng Y,Zeng X,Cao Y

Enterococcus faecium Modulates the Gut Microbiota of Broilers and Enhances Phosphorus Absorption and Utilization.

**Animals : an open access journal from MDPI** , Volume: 10 Issue: 7 2020 Jul 20

Authors Wang W,Cai H,Zhang A,Chen Z,Chang W,Liu G,Deng X,Bryden WL,Zheng A

Effect of particle size of insoluble fibre on growth performance, apparent ileal digestibility and caecal microbial population in broiler chickens fed barley-containing diets.

**British poultry science** , Volume: 61 Issue: 6 2020 Dec

Authors Pourazadi Z,Salari S,Tabandeh MR,Abdollahi MR

Early supplementation of Saccharomyces cerevisiae boulardii CNCM I-1079 in newborn dairy calves increases IgA production in the intestine at 1 week of age.

**Journal of dairy science** , Volume: 103 Issue: 9 2020 Sep

Authors Villot C,Chen Y,Pedgerachny K,Chaucheyras-Durand F,Chevaux E,Skidmore A,Guan LL,Steele MA

Effects of banana powder (Musa acuminata Colla) on the composition of human fecal microbiota and metabolic output using in vitro fermentation.

**Journal of food science** , Volume: 85 Issue: 8 2020 Aug

Authors Tian DD,Xu XQ,Peng Q,Zhang YW,Zhang PB,Qiao Y,Shi B

Effect of banana pulp dietary fibers on metabolic syndrome and gut microbiota diversity in high-fat diet mice.

**Journal of food biochemistry** , 2020 Jul 14

Authors Wei G,Ye Y,Yan X,Chao X,Yang F,Wang M,Zhang W,Yuan C,Zeng Q

Anti-Obesity Effect of Lactobacillus plantarum LB818 Is Associated with Regulation of Gut Microbiota in High-Fat Diet-Fed Obese Mice.

**Journal of medicinal food** , Volume: 23 Issue: 7 2020 Jul

Authors Hussain A,Kwon MH,Kim HK,Lee HS,Cho JS,Lee YI

Dietary supplementation with Bacillus subtilis DSM 32315 alters the intestinal microbiota and metabolites in weaned piglets.

**Journal of applied microbiology** , 2020 Jul 6

Authors Ding H,Zhao X,Ma C,Gao Q,Yin Y,Kong X,He J

Exercise training modulates the gut microbiota profile and impairs inflammatory signaling pathways in obese children.

**Experimental & molecular medicine** , Volume: 52 Issue: 7 2020 Jul

Authors Quiroga R,Nistal E,Estébanez B,Porras D,Juárez-Fernández M,Martínez-Flórez S,García-Mediavilla MV,de Paz JA,González-Gallego J,Sánchez-Campos S,Cuevas MJ

[Soy food intake associates with changes in the metabolome and reduced blood pressure in a gut microbiota dependent manner.](#)

**Nutrition, metabolism, and cardiovascular diseases : NMCD** , 2020 May 18

Authors Shah RD,Tang ZZ,Chen G,Huang S,Ferguson JF

[Modulatory-antibiotic activity of the essential oil from Eucalyptus citriodora against MDR bacterial strains.](#)

**Cellular and molecular biology (Noisy-le-Grand, France)** , Volume: 66 Issue: 4 2020 Jun 25

Authors Pinheiro REE,Chaves TP,Melo ES,Ali S,Ali SW,Umer M,Gama GSP,Lira DNS,Souza JSN,Soares MJDS,Santos AS,Mota RA,Freitas PR,Afzal MI,Salehi B,Coutinho HDM,Setzer WN,Imran M,Sharifi-Rad J

[Effects of phenolic and protein extracts from Melipona beecheii honey on pathogenic strains of Escherichia coli and Staphylococcus aureus.](#)

**Food science and biotechnology** , Volume: 29 Issue: 7 2020 Jul

Authors Ramón-Sierra J,Martínez-Guevara JL,Pool-Yam L,Magaña-Ortiz D,Yam-Puc A,Ortiz-Vázquez E

[Effect of chitoooligosaccharides on human gut microbiota and antiglycation.](#)

**Carbohydrate polymers** , Volume: 242 2020 Aug 15

Authors Liu W,Li X,Zhao Z,Pi X,Meng Y,Fei D,Liu D,Wang X

[Antioxidant and antimicrobial activity of red propolis embedded mesoporous silica nanoparticles.](#)

**Drug development and industrial pharmacy** , Volume: 46 Issue: 7 2020 Jul

Authors Azevedo de M Oliveira LF,Teles da Silva LVA,do Nascimento TG,de Almeida LM,Calumby RJN,Nunes ÁM,de Magalhães Oliveira LMT,da Silva Fonseca EJ

[Thyroid-Gut-Axis: How Does the Microbiota Influence Thyroid Function?](#)

**Nutrients** , Volume: 12 Issue: 6 2020 Jun 12

Authors Knezevic J,Starchl C,Tmava Berisha A,Amrein K

[Innate Immune Response against Staphylococcus aureus Preincubated with Subinhibitory Concentration of trans-Anethole.](#)

**International journal of molecular sciences** , Volume: 21 Issue: 11 2020 Jun 11

Authors Kwiatkowski P,Wojciuk B,Wojciechowska-Koszko I,Lopusiewicz L,Grygorcewicz B,Pruss A,Sienkiewicz M,Fijalkowski K,Kowalczyk E,Dolegowska B

[Antioxidant, Anti-Inflammatory, and Microbial-Modulating Activities of Essential Oils: Implications in Colonic Pathophysiology.](#)

**International journal of molecular sciences** , Volume: 21 Issue: 11 2020 Jun 10

Authors Spisni E,Petrocelli G,Imbesi V,Spigarelli R,Azzinnari D,Donati Sarti M,Campieri M,Valerii MC

[Green approach in food nanotechnology based on subcritical water: effects of thyme oil and saponin on characteristics of the prepared oil in water nanoemulsions.](#)

**Food science and biotechnology** , Volume: 29 Issue: 6 2020 Jun

Authors Ahmadi O,Jafarizadeh-Malmiri H

[Thymus vulgaris L. Essential Oil Solid Formulation: Chemical Profile and Spasmolytic and Antimicrobial Effects.](#)

**Biomolecules** , Volume: 10 Issue: 6 2020 Jun 4

Authors Micucci M,Protti M,Aldini R,Frosini M,Corazza I,Marzetti C,Mattioli LB,Tocci G,Chiarini A,Mercolini L,Budriesi R

[Oral Supplements of Combined Bacillus licheniformis Zhengchangsheng® and Xylooligosaccharides Improve High-Fat Diet-Induced Obesity and Modulate the Gut Microbiota in Rats.](#)

**BioMed research international** , Volume: 2020 2020

Authors Li Y,Liu M,Liu H,Wei X,Su X,Li M,Yuan J

[Cannabinoids-Promising Antimicrobial Drugs orIntoxicants with Benefits?](#)

**Antibiotics (Basel, Switzerland)** , Volume: 9 Issue: 6 2020 Jun 2

Authors Klahn P

[Chemical composition, antibacterial activity and action mechanism of different extracts from hawthorn \(Crataegus pinnatifida Bge.\).](#)

**Scientific reports** , Volume: 10 Issue: 1 2020 Jun 1

Authors Zhang LL,Zhang LF,Xu JG

[Early Introduction of Solid Feeds: Ingestion Level Matters More Than Prebiotic Supplementation for Shaping Gut Microbiota.](#)

**Frontiers in veterinary science** , Volume: 7 2020

Authors Paës C,Gidenne T,Bébin K,Duperray J,Gohier C,Guené-Grand E,Rebours G,Bouchez O,Barilly C,Aymard P,Combes S

[Co-Culture with <i>Bifidobacterium catenulatum</i> Improves the Growth, Gut Colonization, and Butyrate Production of <i>Faecalibacterium prausnitzii</i>: In Vitro and In Vivo Studies.](#)

**Microorganisms** , Volume: 8 Issue: 5 2020 May 25

Authors Kim H,Jeong Y,Kang S,You HJ,Jeon GE

Metabolic benefits of annatto-extracted tocotrienol on glucose homeostasis, inflammation, and gut microbiome.

**Nutrition research (New York, N.Y.)** , Volume: 77 2020 May

Authors Chung E,Elmassry MM,Kottapalli P,Kottapalli KR,Kaur G,Dufour JM,Wright K,Ramalingam L,Moustaid-Moussa N,Wang R,Hamood AN,Shen CL

Dietary supplementation with Lactobacillus plantarum modified gut microbiota, bile acid profile and glucose homeostasis in weaning piglets.

**The British journal of nutrition** , Volume: 124 Issue: 8 2020 Oct 28

Authors Lin S,Yang X,Long Y,Zhong H,Wang P,Yuan P,Zhang X,Che L,Feng B,Li J,Zhuo Y,Lin Y,Xu S,Wu D,Fang Z

Synergetic responses of intestinal microbiota and epithelium to dietary inulin supplementation in pigs.

**European journal of nutrition** , Volume: 60 Issue: 2 2021 Mar

Authors He J,Xie H,Chen D,Yu B,Huang Z,Mao X,Zheng P,Luo Y,Yu J,Luo J,Yan H

Effect of long-term consumption of tea (Camellia sinensis L.) flower polysaccharides on maintaining intestinal health in BALB/c mice.

**Journal of food science** , Volume: 85 Issue: 6 2020 Jun

Authors Chen D,Ding Y,Ye H,Sun Y,Zeng X

Unsaturated alginate oligosaccharides attenuated obesity-related metabolic abnormalities by modulating gut microbiota in high-fat-diet mice.

**Food & function** , Volume: 11 Issue: 5 2020 May 1

Authors Li S ,Wang L ,Liu B ,He N

Chemical Composition and Antioxidant, Antimicrobial, and Antiproliferative Activities of Cinnamomum zeylanicum Bark Essential Oil.

**Evidence-based complementary and alternative medicine : eCAM** , Volume: 2020 2020

Authors Alizadeh Behbahani B,Falah F,Lavi Arab F,Vasiee M,Tabatabaee Yazdi F

Dietary Protein, Fiber and Coffee Are Associated with Small Intestine Microbiome Composition and Diversity in Patients with Liver Cirrhosis.

**Nutrients** , Volume: 12 Issue: 5 2020 May 13

Authors Hussain SK,Dong TS,Agopian V,Pisegna JR,Durazo FA,Enayati P,Sundaram V,Benhammou JN,Noureddin M,Choi G,Ayoub WS,Lagishetty V,Elashoff D,Goodman MT,Jacobs JP

Lactobacillus plantarum FRT10 alleviated high-fat diet-induced obesity in mice through regulating the PPAR $\alpha$  signal pathway and gut microbiota.

**Applied microbiology and biotechnology** , Volume: 104 Issue: 13 2020 Jul

Authors Cai H,Wen Z,Li X,Meng K,Yang P

Antimicrobial Efficacy of Five Probiotic Strains Against Helicobacter pylori.

**Antibiotics (Basel, Switzerland)** , Volume: 9 Issue: 5 2020 May 11

Authors Saracino IM,Pavoni M,Saccomanno L,Fiorini G,Pesci V,Foschi C,Piccirilli G,Bernardini G,Holton J,Figura N,Lazzarotto T,Borghi C,Vaira B

Potential Probiotic or Trigger of Gut Inflammation - The Janus-Faced Nature of Cannabidiol-Rich Cannabis Extract.

**Journal of dietary supplements** , Volume: 17 Issue: 5 2020

Authors Skinner CM,Nookaew I,Ewing LE,Wongsurawat T,Jenjaroenpun P,Quick CM,Yee EU,Piccolo BD,EIsohly M,Walker LA,Gurley B,Koturbash I

The Effect of Whey on Performance, Gut Health and Bone Morphology Parameters in Broiler Chicks.

**Foods (Basel, Switzerland)** , Volume: 9 Issue: 5 2020 May 5

Authors Tsiouris V,Kontominas MG,Filioussis G,Chalvatzi S,Giannenas I,Papadopoulos G,Koutoulis K,Fortomaris P,Georgopoulou I

Prebiotics effects in vitro of polysaccharides from tea flowers on gut microbiota of healthy persons and patients with inflammatory bowel disease.

**International journal of biological macromolecules** , Volume: 158 2020 May 3

Authors Chen D,Chen G,Chen C,Zeng X,Ye H

The Protective Effects of 2`-Fucosyllactose against E. Coli O157 Infection Are Mediated by the Regulation of Gut Microbiota and the Inhibition of Pathogen Adhesion.

**Nutrients** , Volume: 12 Issue: 5 2020 May 1

Authors Wang Y,Zou Y,Wang J,Ma H,Zhang B,Wang S

Efficacy of green tea and its extract, epigallocatechin-3-gallate, in the reduction of cariogenic microbiota in children: a randomized clinical trial.

**Archives of oral biology** , Volume: 114 2020 Jun

Authors Vilela MM,Salvador SL,Teixeira IGL,Del Arco MCG,De Rossi A

Effect of stevia on the gut microbiota and glucose tolerance in a murine model of diet-induced obesity.

**FEMS microbiology ecology** , Volume: 96 Issue: 6 2020 Jun 1

**Authors** Becker SL,Chiang E,Plantinga A,Carey HV,Suen G,Swoap SJ

Preventive Effects of Kaempferol on High-Fat Diet-Induced Obesity Complications in C57BL/6 Mice.

**BioMed research international** , Volume: 2020 2020

**Authors** Wang T,Wu Q,Zhao T

Lactobacillus plantarum NA136 ameliorates nonalcoholic fatty liver disease by modulating gut microbiota, improving intestinal barrier integrity, and attenuating inflammation.

**Applied microbiology and biotechnology** , Volume: 104 Issue: 12 2020 Jun

**Authors** Zhao Z,Chen L,Zhao Y,Wang C,Duan C,Yang G,Niu C,Li S

Effects of Tributyrin Supplementation on Growth Performance, Insulin, Blood Metabolites and Gut Microbiota in Weaned Piglets.

**Animals : an open access journal from MDPI** , Volume: 10 Issue: 4 2020 Apr 22

**Authors** Sotira S,Dell'Anno M,Caprarulo V,Hejna M,Pirrone F,Callegari ML,Tucci TV,Rossi L

Phytochemical Study and Antibacterial and Antibiotic Modulation Activity of Punica granatum (Pomegranate) Leaves.

**Scientifica** , Volume: 2020 2020

**Authors** Trabelsi A,El Kaibi MA,Abbassi A,Horchani A,Chekir-Ghedira L,Ghedira K

Effect of resveratrol on intestinal tight junction proteins and the gut microbiome in high-fat diet-fed insulin resistant mice.

**International journal of food sciences and nutrition** , Volume: 71 Issue: 8 2020 Dec

**Authors** Chen K,Zhao H,Shu L,Xing H,Wang C,Lu C,Song G

Consumption of two whole kiwifruit (Actinide chinensis) per day improves lipid homeostasis, fatty acid metabolism and gut microbiota in healthy rats.

**International journal of biological macromolecules** , Volume: 156 2020 Apr 9

**Authors** Alim A,Li T,Nisar T,Ren D,Liu Y,Yang X

2'-fucosyllactose Supplementation Improves Gut-Brain Signaling and Diet-Induced Obese Phenotype and Changes the Gut Microbiota in High Fat-Fed Mice.

**Nutrients** , Volume: 12 Issue: 4 2020 Apr 5

**Authors** Lee S,Goodson M,Vang W,Kalanetra K,Barile D,Raybould H

Plants and Lactic Acid Bacteria Combination for New Antimicrobial and Antioxidant Properties Product Development in a Sustainable Manner.

**Foods (Basel, Switzerland)** , Volume: 9 Issue: 4 2020 Apr 4

**Authors** Bartkiene E,Lele V,Starkute V,Zavistanaviciute P,Zokaityte E,Varinauskaite I,Pileckaite G,Paskeviciute L,Rutkauskaite G,Kanaporis T,Dmitrijeva L,Viskelis P,Santini A,Ruzauskas M

Conserved and variable responses of the gut microbiome to resistant starch type 2

**Nutrition research (New York, N.Y.)** , Volume: 77 2020 Feb 22

**Authors** Bendiks ZA,Knudsen KEB,Keenan MJ,Marco ML

Chinese Propolis Prevents Obesity and Metabolism Syndromes Induced by a High Fat Diet and Accompanied by an Altered Gut Microbiota Structure in Mice.

**Nutrients** , Volume: 12 Issue: 4 2020 Mar 30

**Authors** Zheng Y,Wu Y,Tao L,Chen X,Jones TJ,Wang K,Hu F

Maternal sucralose intake alters gut microbiota of offspring and exacerbates hepatic steatosis in adulthood.

**Gut microbes** , Volume: 11 Issue: 4 2020 Jul 3

**Authors** Dai X,Guo Z,Chen D,Li L,Song X,Liu T,Jin G,Li Y,Liu Y,Ajiguli A,Yang C,Wang B,Cao H

Effects of dietary inulin supplementation on growth performance, intestinal barrier integrity and microbial populations in weaned pigs.

**The British journal of nutrition** , Volume: 124 Issue: 3 2020 Aug 14

**Authors** Wang W,Chen D,Yu B,Huang Z,Mao X,Zheng P,Luo Y,Yu J,Luo J,Yan H,He J

Synergistic antibacterial, antifungal and antioxidant efficacy of cinnamon and clove essential oils in combination.

**Archives of microbiology** , Volume: 202 Issue: 6 2020 Aug

**Authors** Purkait S,Bhattacharya A,Bag A,Chattopadhyay RR

Antioxidant properties and antimicrobial activity of manuka honey versus Polish honeys.

**Journal of food science and technology** , Volume: 57 Issue: 4 2020 Apr

**Authors** Goslinski M,Nowak D,Klebukowska L

Ethanol extract of propolis prevents high-fat diet-induced insulin resistance and obesity in association with modulation of gut microbiota in mice.

**Food research international (Ottawa, Ont.)** , Volume: 130 2020 Apr

**Authors** Cai W,Xu J,Li G,Liu T,Guo X,Wang H,Luo L

Prebiotic inulin consumption reduces dioxin-like PCB 126-mediated hepatotoxicity and gut dysbiosis in hyperlipidemic Ldlr deficient mice.

**Environmental pollution (Barking, Essex : 1987)** , Volume: 261 2020 Jun

**Authors** Hoffman JB,Petriello MC,Morris AJ,Mottaleb MA,Sui Y,Zhou C,Deng P,Wang C,Hennig B  
Stable Colonization of Orally Administered Lactobacillus casei SY13 Alters the Gut Microbiota.

**BioMed research international** , Volume: 2020 2020

**Authors** Yue Y,Xu X,Yang B,Lu J,Zhang S,Liu L,Nassar K,Zhang C,Zhang M,Pang X,Lv J

Prebiotic activity of garlic (<i>Allium sativum</i>) extract on <i>Lactobacillus acidophilus</i>.

**Veterinary world** , Volume: 12 Issue: 12 2019 Dec

**Authors** Sunu P,Sunarti D,Mahfudz LD,Yunianto VD

Altered microbial community structure and metabolism in cow's milk allergic mice treated with oral immunotherapy and fructo-oligosaccharides.

**Beneficial microbes** , Volume: 11 Issue: 1 2020 Feb 19

**Authors** Vonk MM,Engen PA,Naqib A,Green SJ,Keshavarzian A,Blokhuis BRJ,Garssen J,Knippels LMJ,van Esch BCAM

In vitro antibacterial activity of medicinal plants against biofilm-forming methicillin-resistant Staphylococcus aureus: efficacy of Moringa stenopetala and Rosmarinus officinalis extracts.

**Heliyon** , Volume: 6 Issue: 1 2020 Jan

**Authors** Manilal A,Sabu KR,Shewangizaw M,Aklilu A,Seid M,Merdikios B,Tsegaye B

Bifidobacterium longum R0175 Protects Rats against d-Galactosamine-Induced Acute Liver Failure.

**mSphere** , Volume: 5 Issue: 1 2020 Jan 29

**Authors** Wang K,Lv L,Yan R,Wang Q,Jiang H,Wu W,Li Y,Ye J,Wu J,Yang L,Bian X,Jiang X,Lu Y,Xie J,Wang Q,Shen J,Li L

Far infrared radiation induces changes in gut microbiota and activates GPCRs in mice.

**Journal of advanced research** , Volume: 22 2020 Mar

**Authors** Khan I,Pathan S,Li XA,Leong WK,Liao WL,Wong V,Hsiao WLW

Bifidobacterium longum-fermented rice bran and rice bran supplementation affects the gut microbiome and metabolome.

**Beneficial microbes** , Volume: 10 Issue: 8 2019 Dec 9

**Authors** Nealon NJ,Parker KD,Lahaie P,Ibrahim H,Maurya AK,Raina K,Ryan EP

Gut Microbiota Modulation by Dietary Barley Malt Melanoidins.

**Nutrients** , Volume: 12 Issue: 1 2020 Jan 17

**Authors** Aljahdali N,Gadonna-Widehem P,Anton PM,Carbonero F

In vitro effects of Bifidobacterium lactis-based synbiotics on human faecal bacteria.

**Food research international (Ottawa, Ont.)** , Volume: 128 2020 Feb

**Authors** Henrique-Bana FC,Wang X,Costa GN,Spinosa WA,Miglioranza LHS,Scorletti E,Calder PC,Byrne CD,Gibson GR

Evaluation of antimicrobial properties of Solanum xanthocarpum and Pistacia lentiscus extracts on Streptococcus mutans, Lactobacillus species and Actinomyces viscosus: An in vitro study.

**Journal of oral and maxillofacial pathology : JOMFP** , Volume: 23 Issue: 3 2019 Sep-Dec

**Authors** Mahalakshmi P,Rameshkumar A,Sudha G,Dineshkumar T,Vinoth H,Malar A

Dietary prophage inducers and antimicrobials: toward landscaping the human gut microbiome.

**Gut microbes** , 2020 Jan 13

**Authors** Boling L,Cuevas DA,Grasis JA,Kang HS,Knowles B,Levi K,Maughan H,McNair K,Rojas MI,Sanchez SE,Smurthwaite C,Rohwer F

Rapid gut microbiome changes in a world-class ultramarathon runner.

**Physiological reports** , Volume: 7 Issue: 24 2019 Dec

**Authors** Grosicki GJ,Durk RP,Bagley JR

The impact of food additives, artificial sweeteners and domestic hygiene products on the human gut microbiome and its fibre fermentation capacity.

**European journal of nutrition** , Volume: 59 Issue: 7 2020 Oct

**Authors** Gerasimidis K,Bryden K,Chen X,Papachristou E,Verney A,Roig M,Hansen R,Nichols B,Papadopoulou R,Parrett A

Walnuts and Vegetable Oils Containing Oleic Acid Differentially Affect the Gut Microbiota and Associations with Cardiovascular Risk Factors: Follow-up of a Randomized, Controlled, Feeding Trial in Adults at Risk for Cardiovascular Disease.

**The Journal of nutrition** , Volume: 150 Issue: 4 2020 Apr 1

**Authors** Tindall AM,McLimans CJ,Petersen KS,Kris-Etherton PM,Lamendella R

Chronic oral exposure to glycated whey proteins increases survival of aged male NOD mice with autoimmune prostatitis by regulating the gut microbiome and anti-inflammatory responses.

**Food & function** , Volume: 11 Issue: 1 2020 Jan 29

**Authors** Chen Y,Guo KM,Nagy T,Guo TL

Effects of High-Dose Genistein on the Hypothalamic RNA Profile and Intestinal Health of Female Chicks.

**Journal of agricultural and food chemistry** , Volume: 67 Issue: 49 2019 Dec 11

**Authors** Lv Z,Hu C,Jiang J,Jin S,Wei Q,Wei X,Yu D,Shi F

Lactose drives <i>Enterococcus</i> expansion to promote graft-versus-host disease.

**Science (New York, N.Y.)** , Volume: 366 Issue: 6469 2019 Nov 29

Authors Stein-Thoeringer CK,Nichols KB,Lazrak A,Docampo MD,Slingerland AE,Slingerland JB,Clurman AG,Armijo G,Gomes ALC,Shono Y,Staffas A,Burgos da Silva M,Devlin SM,Markey KA,Bajic D,Pinedo R,Tsakmaklis A,Littmann ER,Pastore A,Taur Y,Monette S,Arcila ME,Pickard AJ,Maloy M,Wright RJ,Amoretti LA,Fontana E,Pham D,Jamal MA,Weber D,Sung AD,Hashimoto D,Scheid C,Xavier JB,Messina JA,Romero K,Lew M,Bush A,Bohannon L,Hayasaka K,Hasegawa Y,Vehreschild MJGT,Cross JR,Ponce DM,Perales MA,Giralt SA,Jenq RR,Teshima T,Holler E,Chao NJ,Pamer EG,Peled JU,van den Brink MIRM

Dietary *Saccharomyces cerevisiae* boulardii CNCM I-1079 Positively Affects Performance and Intestinal Ecosystem in Broilers during a *Campylobacter jejuni* Infection.

**Microorganisms** , Volume: 7 Issue: 12 2019 Nov 21

Authors Massacci FR,Lovito C,Tofani S,Tentellini M,Genovese DA,De Leo AAP,Papa P,Magistrali CF,Manuali E,Trabalza-Marinucci M,Moscatti L,Forte C

Apple polysaccharide could promote the growth of *Bifidobacterium longum*.

**International journal of biological macromolecules** , Volume: 152 2020 Jun 1

Authors Li Y,Wang S,Sun Y,Zheng H,Tang Y,Gao X,Song C,Liu J,Long Y,Liu L,Mei Q

Dietary resistant starch modifies the composition and function of caecal microbiota of broilers.

**Journal of the science of food and agriculture** , Volume: 100 Issue: 3 2020 Feb

Authors Zhang Y,Liu Y,Li J,Xing T,Jiang Y,Zhang L,Gao F

Structural Analysis of Gluco-Oligosaccharides Produced by *Leuconostoc lactis* and Their Prebiotic Effect.

**Molecules (Basel, Switzerland)** , Volume: 24 Issue: 21 2019 Nov 5

Authors Lee S,Park J,Jang JK,Lee BH,Park YS

Japanese Diet Score Is Associated with Gut Microbiota Composition in Young Japanese Adults.

**Journal of nutritional science and vitaminology** , Volume: 65 Issue: 5 2019

Authors Seura T,Fukuwatari T

Tea Compounds and the Gut Microbiome: Findings from Trials and Mechanistic Studies.

**Nutrients** , Volume: 11 Issue: 10 2019 Oct 3

Authors Bond T,Derbyshire E

Urolithin Metabotypes Can Determine the Modulation of Gut Microbiota in Healthy Individuals by Tracking Walnuts Consumption over Three Days.

**Nutrients** , Volume: 11 Issue: 10 2019 Oct 16

Authors García-Mantrana I,Calatayud M,Romo-Vaquero M,Espín JC,Selma MV,Collado MC

Chitooligosaccharides Prevents the Development of Colitis-Associated Colorectal Cancer by Modulating the Intestinal Microbiota and Mycobiota.

**Frontiers in microbiology** , Volume: 10 2019

Authors Wu M,Li J,An Y,Li P,Xiong W,Li J,Yan D,Wang M,Zhong G

Physiological and Biochemical Effects of Intrinsically High and Low Exercise Capacities Through Multiomics Approaches.

**Frontiers in physiology** , Volume: 10 2019

Authors Tung YT,Hsu YJ,Liao CC,Ho ST,Huang CC,Huang WC

The effect of inulin and resistant maltodextrin on weight loss during energy restriction: a randomised, placebo-controlled, double-blinded intervention.

**European journal of nutrition** , 2019 Oct 11

Authors Hess AL,Benítez-Páez A,Blädel T,Larsen LH,Iglesias JR,Madera C,Sanz Y,Larsen TM,MyNewGut Consortium.

Intestinal microbiome analysis demonstrates azithromycin post-treatment effects improve when combined with lactulose.

**World journal of pediatrics : WJP** , Volume: 16 Issue: 2 2020 Apr

Authors Nikolaou E,Kamilaris E,Savkov D,Sergeev A,Zakharova I,Vogazianos P,Tomazou M,Antoniades A,Shammas C

Transfusional iron overload and intravenous iron infusions modify the mouse gut microbiota similarly to dietary iron.

**NPJ biofilms and microbiomes** , Volume: 5 2019

Authors La Carpia F,Wojczyk BS,Annavaiahala MK,Rebbaa A,Culp-Hill R,D`Alessandro A,Freedberg DE,Uhlemann AC,Hod EA

Effects of grape pomace and seed polyphenol extracts on the recovery of gut microbiota after antibiotic treatment in high-fat diet-fed mice.

**Food science & nutrition** , Volume: 7 Issue: 9 2019 Sep

Authors Lu F,Liu F,Zhou Q,Hu X,Zhang Y

*Bacillus coagulans* R11 maintained intestinal villus health and decreased intestinal injury in lead-exposed mice by regulating the intestinal microbiota and influenced the function of faecal microRNAs.

**Environmental pollution (Barking, Essex : 1987)** , Volume: 255 Issue: Pt 2 2019 Sep 13

Authors Xing SC,Huang CB,Mi JD,Wu YB,Liao XD

Propolis modulates the gut microbiota and improves the intestinal mucosal barrier function in diabetic rats.

**Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie** , Volume: 118 2019 Oct

Authors Xue M,Liu Y,Xu H,Zhou Z,Ma Y,Sun T,Liu M,Zhang H,Liang H

Influence of *Bacillus subtilis* GCB-13-001 on growth performance, nutrient digestibility, blood characteristics, faecal

microbiota and faecal score in weanling pigs.

**Journal of animal physiology and animal nutrition** , 2019 Sep 20

Authors Wang H, Kim KP, Kim IH

Almond Snacking for 8 wk Increases Alpha-Diversity of the Gastrointestinal Microbiome and Decreases Bacteroides fragilis Abundance Compared with an Isocaloric Snack in College Freshmen.

**Current developments in nutrition** , Volume: 3 Issue: 8 2019 Aug

Authors Dhillon J, Li Z, Ortiz RM

Lactulose drives a reversible reduction and qualitative modulation of the faecal microbiota diversity in healthy dogs.

**Scientific reports** , Volume: 9 Issue: 1 2019 Sep 16

Authors Ferreira MDF, Salavati Schmitz S, Schoenebeck JJ, Clements DN, Campbell SM, Gaylor DE, Mellanby RJ, Gow AG, Salavati M

Dietary cranberry suppressed colonic inflammation and alleviated gut microbiota dysbiosis in dextran sodium sulfate-treated mice.

**Food & function** , Volume: 10 Issue: 10 2019 Oct 16

Authors Cai X, Han Y, Gu M, Song M, Wu X, Li Z, Li F, Goulette T, Xiao H

Prevotella Abundance Predicts Weight Loss Success in Healthy, Overweight Adults Consuming a Whole-Grain Diet Ad Libitum: A Post Hoc Analysis of a 6-Wk Randomized Controlled Trial.

**The Journal of nutrition** , 2019 Aug 28

Authors Christensen L, Vuholm S, Roager HM, Nielsen DS, Krych L, Kristensen M, Astrup A, Hjorth MF

Effects of Lactobacillus plantarum on the intestinal morphology, intestinal barrier function and microbiota composition of suckling piglets.

**Journal of animal physiology and animal nutrition** , 2019 Sep 9

Authors Wang Q, Sun Q, Qi R, Wang J, Qiu X, Liu Z, Huang J

Raw Bowl Tea (Tuocha) Polyphenol Prevention of Nonalcoholic Fatty Liver Disease by Regulating Intestinal Function in Mice.

**Biomolecules** , Volume: 9 Issue: 9 2019 Sep 1

Authors Liu B, Zhang J, Sun P, Yi R, Han X, Zhao X

Modulation effect of Lactobacillus acidophilus KLDS 1.0738 on gut microbiota and TLR4 expression in  $\beta$ -lactoglobulin-induced allergic mice model.

**Allergologia et immunopathologia** , Volume: 48 Issue: 2 2020 Mar-Apr

Authors Ni WW, Zhang QM, Zhang X, Li Y, Yu SS, Wu HY, Chen Z, Li AL, Du P, Li C

Lactobacillus acidophilus alleviates type 2 diabetes by regulating hepatic glucose, lipid metabolism and gut microbiota in mice.

**Food & function** , Volume: 10 Issue: 9 2019 Sep 1

Authors Yan F, Li N, Shi J, Li H, Yue Y, Jiao W, Wang N, Song Y, Huo G, Li B

Adhesive *Bifidobacterium* Induced Changes in Cecal Microbiome Alleviated Constipation in Mice.

**Frontiers in microbiology** , Volume: 10 2019

Authors Wang L, Chen C, Cui S, Lee YK, Wang G, Zhao J, Zhang H, Chen W

Regulatory Function of Buckwheat-Resistant Starch Supplementation on Lipid Profile and Gut Microbiota in Mice Fed with a High-Fat Diet.

**Journal of food science** , Volume: 84 Issue: 9 2019 Sep

Authors Zhou Y, Zhao S, Jiang Y, Wei Y, Zhou X

Zn(ii)-Curcumin supplementation alleviates gut dysbiosis and zinc dyshomeostasis during doxorubicin-induced cardiotoxicity in rats.

**Food & function** , Volume: 10 Issue: 9 2019 Sep 1

Authors Wu R, Mei X, Wang J, Sun W, Xue T, Lin C, Xu D

Rebalancing of the gut flora and microbial metabolism is responsible for the anti-arthritis effect of kaempferol.

**Acta pharmacologica Sinica** , Volume: 41 Issue: 1 2020 Jan

Authors Aa LX, Fei F, Qi Q, Sun RB, Gu SH, Di ZZ, Aa JY, Wang GJ, Liu CX

Exercise Training Modulates Gut Microbiota Profile and Improves Endotoxemia.

**Medicine and science in sports and exercise** , Volume: 52 Issue: 1 2020 Jan

Authors Motiani KK, Collado MC, Eskelinen JJ, Virtanen KA, Löyttyneemi E, Salminen S, Nuutila P, Kallioikoski KK, Hannukainen JC

Immunomodulatory and Prebiotic Effects of 2'-Fucosyllactose in Suckling Rats.

**Frontiers in immunology** , Volume: 10 2019

Authors Azagra-Boronat I, Massot-Cladera M, Mayneris-Perxachs J, Knipping K, Van't Land B, Tims S, Stahl B, Garssen J, Franch À, Castell M, Rodríguez-Lagunas MJ, Pérez-Cano FJ

Combination of cannabinoids, delta-9-tetrahydrocannabinol (THC) and cannabidiol (CBD), mitigates experimental autoimmune encephalomyelitis (EAE) by altering the gut microbiome.

**Brain, behavior, and immunity** , Volume: 82 2019 Nov

Authors Al-Ghezi ZZ, Busbee PB, Alghetaa H, Nagarkatti PS, Nagarkatti M

Effect of Bay Leaves Essential Oil Concentration on the Properties of Biodegradable Carboxymethyl Cellulose-Based Edible Films.

**Materials (Basel, Switzerland) , Volume: 12 Issue: 15 2019 Jul 24**

**Authors** Rincón E,Serrano L,Balu AM,Aguilar JJ,Luque R,García A

Dietary Factors and Modulation of Bacteria Strains of *Akkermansia muciniphila* and *Faecalibacterium prausnitzii*: A Systematic Review.

**Nutrients , Volume: 11 Issue: 7 2019 Jul 11**

**Authors** Verhoog S,Taner PE,Roa Díaz ZM,Marques-Vidal P,Troup JP,Bally L,Franco OH,Glisic M,Muka T

Supplementation of diet with non-digestible oligosaccharides alters the intestinal microbiota, but not arthritis development, in IL-1 receptor antagonist deficient mice.

**PloS one , Volume: 14 Issue: 7 2019**

**Authors** Rogier R,Ederveen THA,Wopereis H,Hartog A,Boekhorst J,van Hijum SAFT,Knol J,Garssen J,Walgreen B,Helsen MM,van der Kraan PM,van Lent PLEM,van de Loo FAJ,Abdollahi-Roodsaz S,Koenders MI

The effects of dietary supplementation with porous zinc oxide on growth performance, intestinal microbiota, morphology, and permeability in weaned piglets.

**Animal science journal = Nihon chikusan Gakkaiho , 2019 Jul 4**

**Authors** Peng P,Chen J,Yao K,Yin Y,Long L,Fang R

Different duck products protein on rat physiology and gut microbiota.

**Journal of proteomics , Volume: 206 2019 Jun 29**

**Authors** Wei T,Dang Y,Cao J,Wu Z,He J,Sun Y,Pan D,Tian Z

Walnuts and Vegetable Oils Differentially Affect the Gut Microbiome and Associations with Cardiovascular Risk Factors (OR29-06-19).

**Current developments in nutrition , Volume: 3 Issue: Suppl 1 2019 Jun**

**Authors** Tindall A,McLimans C,Petersen K,Kris-Etherton P,Lamendella R

Effects of a formula with a probiotic *Bifidobacterium lactis* Supplement on the gut microbiota of low birth weight infants.

**European journal of nutrition , Volume: 59 Issue: 4 2020 Jun**

**Authors** Chi C,Xue Y,Liu R,Wang Y,Lv N,Zeng H,Buys N,Zhu B,Sun J,Yin C

A comparative study on chemical composition, antibiofilm and biological activities of leaves extracts of four Tunisian olive cultivars.

**Heliyon , Volume: 5 Issue: 5 2019 May**

**Authors** Edziri H,Jaziri R,Chehab H,Verschaeve L,Flamini G,Boujnah D,Hammami M,Aouni M,Mastouri M

*Bacteroides thetaiotaomicron* Starch Utilization Promotes Quercetin Degradation and Butyrate Production by *Eubacterium ramulus*.

**Frontiers in microbiology , Volume: 10 2019**

**Authors** Rodríguez-Castaño GP,Dorris MR,Liu X,Bolling BW,Acosta-Gonzalez A,Rey FE

Resveratrol attenuates high-fat diet-induced non-alcoholic steatohepatitis by maintaining gut barrier integrity and inhibiting gut inflammation through regulation of the endocannabinoid system.

**Clinical nutrition (Edinburgh, Scotland) , 2019 May 30**

**Authors** Chen M,Hou P,Zhou M,Ren Q,Wang X,Huang L,Hui S,Yi L,Mi M

Dietary Quercetin Increases Colonic Microbial Diversity and Attenuates Colitis Severity in *Citrobacter rodentium*-Infected Mice.

**Frontiers in microbiology , Volume: 10 2019**

**Authors** Lin R,Piao M,Song Y

The role of short-chain fatty acids in microbiota-gut-brain communication.

**Nature reviews. Gastroenterology & hepatology , Volume: 16 Issue: 8 2019 Aug**

**Authors** Dalile B,Van Oudenhove L,Vervliet B,Verbeke K

A Pilot Study on Anti-Obesity Mechanisms of *Kappaphycus Alvarezii*: The Role of Native  $\gamma$ -Carrageenan and the Leftover Sans-Carrageenan Fraction.

**Nutrients , Volume: 11 Issue: 5 2019 May 21**

**Authors** Chin YX,Mi Y,Cao WX,Lim PE,Xue CH,Tang QJ

Fermented *Momordica charantia* L. juice modulates hyperglycemia, lipid profile, and gut microbiota in type 2 diabetic rats.

**Food research international (Ottawa, Ont.) , Volume: 121 2019 Jul**

**Authors** Gao H,Wen JJ,Hu JL,Nie QX,Chen HH,Xiong T,Nie SP,Xie MY

Effects of a diet based on inulin-rich vegetables on gut health and nutritional behavior in healthy humans.

**The American journal of clinical nutrition , Volume: 109 Issue: 6 2019 Jun 1**

**Authors** Hiel S,Bindels LB,Pachikian BD,Kalala G,Broers V,Zamariola G,Chang BPI,Kambashi B,Rodríguez J,Cani PD,Neyrinck AM,Thissen JP,Luminet O,Bindelle J,Delzenne NM

ZnO nanoparticles inhibit the activity of *Porphyromonas gingivalis* and *Actinomyces naeslundii* and promote the

mineralization of the cementum.**BMC oral health** , Volume: 19 Issue: 1 2019 May 14

Authors Wang J,Du L,Fu Y,Jiang P,Wang X

Brevibacillus laterosporus strains BGSP7, BGSP9 and BGSP11 isolated from silage produce broad spectrum multi-antimicrobials.**PloS one** , Volume: 14 Issue: 5 2019

Authors Miljkovic M,Jovanovic S,O`Connor PM,Mirkovic N,Jovcic B,Filipic B,Dinic M,Studholme DJ,Fira D,Cotter PD,Kojic M

Four men in a boat: Ultra-endurance exercise alters the gut microbiome.**Journal of science and medicine in sport** , Volume: 22 Issue: 9 2019 Sep

Authors Keohane DM,Woods T,O`Connor P,Underwood S,Gronin O,Whiston R,O`Sullivan O,Cotter P,Shanahan F,Molloy MGM

Associations between usual diet and gut microbiota composition: results from the Milieu Intérieur cross-sectional study.**The American journal of clinical nutrition** , Volume: 109 Issue: 5 2019 May 1

Authors Partula V,Mondot S,Torres MJ,Kesse-Guyot E,Deschasaux M,Assmann K,Latino-Martel P,Buscail C,Julia C,Galan P,Hercberg S,Rouilly V,Thomas S,Quintana-Murci L,Albert ML,Duffy D,Lantz O,Touvier M,Milieu Intérieur Consortium

In vitro modulation of human gut microbiota composition and metabolites by Bifidobacterium longum BB-46 and a citric pectin.**Food research international (Ottawa, Ont.)** , Volume: 120 2019 Jun

Authors Bianchi F,Larsen N,Tieghi TM,Adorno MAT,Saad SMI,Jespersen L,Sivieri K

The Effects of Intact Cereal Grain Fibers, Including Wheat Bran on the Gut Microbiota Composition of Healthy Adults: A Systematic Review.**Frontiers in nutrition** , Volume: 6 2019

Authors Jefferson A,Adolphus K

Apple consumption is associated with a distinctive microbiota, proteomics and metabolomics profile in the gut of Dawley Sprague rats fed a high-fat diet.**PloS one** , Volume: 14 Issue: 3 2019

Authors Garcia-Mazcorro JF,Pedreschi R,Yuan J,Kawas JR,Chew B,Dowd SE,Noratto G

Effects of dietary supplementation of probiotic Enterococcus faecium on growth performance and gut microbiota in weaned piglets.**AMB Express** , Volume: 9 Issue: 1 2019 Mar 1

Authors Hu C,Xing W,Liu X,Zhang X,Li K,Liu J,Deng B,Deng J,Li Y,Tan C

Dietary Intake of Whole Strawberry Inhibited Colonic Inflammation in Dextran-Sulfate-Sodium-Treated Mice via Restoring Immune Homeostasis and Alleviating Gut Microbiota Dysbiosis.**Journal of agricultural and food chemistry** , Volume: 67 Issue: 33 2019 Aug 21

Authors Han Y,Song M,Gu M,Ren D,Zhu X,Cao X,Li F,Wang W,Cai X,Yuan B,Goulette T,Zhang G,Xiao H

Compounds from Olea europaea and Pistacia lentiscus inhibit oral microbial growth.**BMC complementary and alternative medicine** , Volume: 19 Issue: 1 2019 Feb 26

Authors Karygianni L,Cecere M,Argyropoulou A,Hellwig E,Skaltsounis AL,Wittmer A,Tchorz JP,Al-Ahmad A

Intestinal Morphologic and Microbiota Responses to Dietary <i>Bacillus</i> spp. in a Broiler Chicken Model.**Frontiers in physiology** , Volume: 9 2018

Authors Li CL,Wang J,Zhang HJ,Wu SG,Hui QR,Yang CB,Fang RJ,Qi GH

Isolation of wheat bran-colonizing and metabolizing species from the human fecal microbiota.**PeerJ** , Volume: 7 2019

Authors De Paepe K,Verspreet J,Rezaei MN,Hidalgo Martinez S,Meysman F,Van de Walle D,Dewettinck K,Raes J,Courtin C,Van de Wiele T

Arabinoxylan from Argentinian whole wheat flour promote the growth of Lactobacillus reuteri and Bifidobacterium breve.**Letters in applied microbiology** , Volume: 68 Issue: 2 2019 Feb

Authors Paesani C,Salvucci E,Moiraghi M,Fernandez Canigia L,Pérez GT

Identification of factors involved in Enterococcus faecalis biofilm under quercetin stress.**Microbial pathogenesis** , Volume: 126 2019 Jan

Authors Qayyum S,Sharma D,Bisht D,Khan AU

Stability of vitamin B12 with the protection of whey proteins and their effects on the gut microbiome.**Food chemistry** , Volume: 276 2019 Mar 15

Authors Wang H,Shou Y,Zhu X,Xu Y,Shi L,Xiang S,Feng X,Han J

Inulin-type fructans improve active ulcerative colitis associated with microbiota changes and increased short-chain fatty acids levels.**Gut microbes** , 2018 Nov 5

Authors Valcheva R,Koleva P,Martínez I,Walter J,Gänzle MG,Dieleman LA

Simultaneous Supplementation of <i>Bacillus subtilis</i> and Antibiotic Growth Promoters by Stages Improved Intestinal

Function of Pullets by Altering Gut Microbiota.**Frontiers in microbiology** , Volume: 9 2018

Authors Li X,Wu S,Li X,Yan T,Duan Y,Yang X,Duan Y,Sun Q,Yang X

Determination of Antimicrobial Activity of Some Commercial Fruit (Apple, Papaya, Lemon and Strawberry) Against Bacteria Causing Urinary Tract Infection.**European journal of microbiology & immunology** , Volume: 8 Issue: 3 2018 Sep 28

Authors Liya SJ,Siddique R

Biological Activities of Lactose-Derived Prebiotics and Symbiotic with Probiotics on Gastrointestinal System.**Medicina (Kaunas, Lithuania)** , Volume: 54 Issue: 2 2018 Apr 17

Authors Nath A,Haktanirlar G,Varga Á,Molnár MA,Albert K,Galambos I,Koris A,Vatai G

Six-Week Endurance Exercise Alters Gut Metagenome That Is not Reflected in Systemic Metabolism in Over-weight Women.**Frontiers in microbiology** , Volume: 9 2018

Authors Munukka E,Ahtiainen JP,Puigbó P,Jalkanen S,Pahkala K,Keskitalo A,Kujala UM,Pietilä S,Holmén M,Elo L,Huovinen P,D'Auria G,Pekkala S

Supplemental Bacillus subtilis DSM 32315 manipulates intestinal structure and microbial composition in broiler chickens.**Scientific reports** , Volume: 8 Issue: 1 2018 Oct 18

Authors Ma Y,Wang W,Zhang H,Wang J,Zhang W,Gao J,Wu S,Qi G

Antimicrobial activity of spices essential oils and its effectiveness on mature biofilms of human pathogens.**Natural product research** , 2018 Oct 13

Authors Condò C,Anacorso I,Sabia C,Iseppi R,Anfelli I,Forti L,de Niederhäusern S,Bondi M,Messi P

The Phosphate Binder Ferric Citrate Alters the Gut Microbiome in Rats with Chronic Kidney Disease.**The Journal of pharmacology and experimental therapeutics** , Volume: 367 Issue: 3 2018 Dec

Authors Lau WL,Vaziri ND,Nunes ACF,Comeau AM,Langille MG,England W,Khazaeli M,Suematsu Y,Phan J,Whiteson K

Anti-inflammatory effects of Kaempferol on Helicobacter pylori-induced inflammation.**Bioscience, biotechnology, and biochemistry** , Volume: 83 Issue: 1 2019 Jan

Authors Yeon MJ,Lee MH,Kim DH,Yang JY,Woo HJ,Kwon HJ,Moon C,Kim SH,Kim JB

Effects of Whole Milk Supplementation on Gut Microbiota and Cardiometabolic Biomarkers in Subjects with and without Lactose Malabsorption.**Nutrients** , Volume: 10 Issue: 10 2018 Oct 2

Authors Li X,Yin J,Zhu Y,Wang X,Hu X,Bao W,Huang Y,Chen L,Chen S,Yang W,Shan Z,Liu L

Metagenomic Insights into the Degradation of Resistant Starch by Human Gut Microbiota.**Applied and environmental microbiology** , Volume: 84 Issue: 23 2018 Dec 1

Authors Vital M,Howe A,Bergeron N,Krauss RM,Jansson JK,Tiedje JM

Behavioral response to fiber feedings cohort-dependent and associated with gut microbiota composition in mice.**Behavioural brain research** , Volume: 359 2019 Feb 1

Authors Mailing LJ,Allen JM,Pence BD,Rytych J,Sun Y,Bhattacharya TK,Park P,Cross TL,McCusker RH,Swanson KS,Fahey GC,Rhodes JS,Kelley KW,Johnson RW,Woods JA

Goji Berry Modulates Gut Microbiota and Alleviates Colitis in IL-10-Deficient Mice.**Molecular nutrition & food research** , Volume: 62 Issue: 22 2018 Nov

Authors Kang Y,Yang G,Zhang S,Ross CF,Zhu MJ

Lactobacillus acidophilus DDS-1 Modulates the Gut Microbiota and Improves Metabolic Profiles in Aging Mice.**Nutrients** , Volume: 10 Issue: 9 2018 Sep 6

Authors Vemuri R,Shinde T,Gundamaraju R,Gondalia SV,Karpe AV,Beale DJ,Martoni CJ,Eri R

Probiotic <i>Lactobacillus plantarum</i> Promotes Intestinal Barrier Function by Strengthening the Epithelium and Modulating Gut Microbiota.**Frontiers in microbiology** , Volume: 9 2018

Authors Wang J, Ji H,Wang S,Liu H,Zhang W,Zhang D,Wang Y

Chemical composition, antibacterial, antioxidant and cytotoxic evaluation of the essential oil from pistachio (Pistacia khinjuk) hull.**Microbial pathogenesis** , Volume: 124 2018 Nov

Authors Taghizadeh SF,Davarynejad G,Asili J,Riahi-Zanjani B,Nemati SH,Karimi G

Introducing insoluble wheat bran as a gut microbiota niche in an in vitro dynamic gut model stimulates propionate and butyrate production and induces colon region specific shifts in the luminal and mucosal microbial community.**Environmental microbiology** , Volume: 20 Issue: 9 2018 Sep

Authors De Paepe K,Verspreet J,Verbeke K,Raes J,Courtin CM, Van de Wiele T

Modulation of gut microbiota from obese individuals by in vitro fermentation of citrus pectin in combination with Bifidobacterium longum BB-46.**Applied microbiology and biotechnology** , Volume: 102 Issue: 20 2018 Oct

Authors Bianchi F,Larsen N,de Mello Tieghi T,Adorno MAT,Kot W,Saad SMI,Jespersen L,Sivieri K

[Impact of tart cherries polyphenols on the human gut microbiota and phenolic metabolites in vitro and in vivo.](#)

**The Journal of nutritional biochemistry** , Volume: 59 2018 Sep

Authors Mayta-Apaza AC,Pottgen E,De Bodd J,Papp N,Marasini D,Howard L,Abranko L,Van de Wiele T,Lee SO,Carbonero F

[A Diverse Range of Human Gut Bacteria Have the Potential To Metabolize the Dietary Component Gallic Acid.](#)

**Applied and environmental microbiology** , Volume: 84 Issue: 19 2018 Oct 1

Authors Esteban-Torres M,Santamaría L,Cabrera-Rubio R,Plaza-Vinuesa L,Crispie F,de Las Rivas B,Cotter P,Muñoz R

[Diversity and probiotic potentials of lactic acid bacteria isolated from gılaburu, a traditional Turkish fermented European cranberrybush \(\*Viburnum opulus\* L.\) fruit drink.](#)

**Food research international (Ottawa, Ont.)** , Volume: 64 2014 Oct

Authors Sagdic O,Ozturk I,Yapar N,Yetim H

[Pectin Alleviates High Fat \(Lard\) Diet-Induced Nonalcoholic Fatty Liver Disease in Mice: Possible Role of Short-Chain Fatty Acids and Gut Microbiota Regulated by Pectin.](#)

**Journal of agricultural and food chemistry** , 2018 Jul 20

Authors Li W,Zhang K,Yang H

[Bifidobacterium bifidum TMC3115 Can Characteristically Influence Glucose and Lipid Profile and Intestinal Microbiota in the Middle-Aged and Elderly.](#)

**Probiotics and antimicrobial proteins** , 2018 Jul 5

Authors Wang K,Yu X,Li Y,Guo Y,Ge L,Pu F,Ma X,Cui W,Marrota F,He F,Li M

[High Fructose Intake During Pregnancy in Rats Influences the Maternal Microbiome and Gut Development in the Offspring.](#)

**Frontiers in genetics** , Volume: 9 2018

Authors Astbury S,Song A,Zhou M,Nielsen B,Hoedl A,Willing BP,Symonds ME,Bell RC

[Beneficial effects of the commercial lactic acid bacteria product, Vigilis 101, on gastric mucosa and intestinal bacterial flora in rats.](#)

**Journal of microbiology, immunology, and infection = Wei mian yu gan ran za zhi** , 2018 Jun 23

Authors Kao L,Liu TH,Tsai TY,Pan TM

[Enterococcus faecium WEFA23 from infant lessens high-fat-diet-induced hyperlipidemia via cholesterol 7-alpha-hydroxylase gene by altering the composition of gut microbiota in rats.](#)

**Journal of dairy science** , 2018 Jun 20

Authors Huang F,Zhang F,Xu D,Zhang Z,Xu F,Tao X,Qiu L,Wei H

[Composition and metabolism of fecal microbiota from normal and overweight children are differentially affected by melibiose, raffinose and raffinose-derived fructans.](#)

**Anaerobe** , Volume: 52 2018 Aug

Authors Adamberg K,Adamberg S,Ernits K,Larionova A,Voor T,Jaagura M,Visnapuu T,Alamäe T

[Anti-inflammatory and antibacterial evaluation of Thymus sipyleus Boiss. subsp. sipyleus var. sipyleus essential oil against rhinosinusitis pathogens.](#)

**Microbial pathogenesis** , Volume: 122 2018 Sep

Authors Demirci F,Karaca N,Tekin M,Demirci B

[The effect of synbiotics Bifidobacterium infantis and milk oligosaccharides on shaping gut microbiota community structure and NASH treatment.](#)

**Data in brief** , Volume: 19 2018 Aug

Authors Jena PK,Sheng L,Nagar N,Wu C,Barile D,Mills DA,Wan YY

[Effect of Lactobacillus paracasei CNCM I-1572 on symptoms, gut microbiota, short chain fatty acids, and immune activation in patients with irritable bowel syndrome: A pilot randomized clinical trial.](#)

**United European gastroenterology journal** , Volume: 6 Issue: 4 2018 May

Authors Cremon C,Guglielmetti S,Gargari G,Taverniti V,Castellazzi AM,Valsecchi C,Tagliacarne C,Fiore W,Bellini M,Bertani L,Gambaccini D,Cicala M,Germanà B,Vecchi M,Pagano I,Barbaro MR,Bellacosa L,Stanghellini V,Barbara G

[Alterations in the Gut \( Gallus gallus\) Microbiota Following the Consumption of Zinc Biofortified Wheat \( Triticum aestivum\)-Based Diet.](#)

**Journal of agricultural and food chemistry** , Volume: 66 Issue: 25 2018 Jun 27

Authors Reed S,Knez M,Uzan A,Stangoulis JCR,Glahn RP,Koren O,Tako E

[Role of probiotics in the treatment of minimal hepatic encephalopathy in patients with HBV-induced liver cirrhosis.](#)

**The Journal of international medical research** , Volume: 46 Issue: 9 2018 Sep

Authors Xia X,Chen J,Xia J,Wang B,Liu H,Yang L,Wang Y,Ling Z

[Dietary fiber intervention on gut microbiota composition in healthy adults: a systematic review and meta-analysis.](#)

**The American journal of clinical nutrition** , Volume: 107 Issue: 6 2018 Jun 1

Authors So D,Whelan K,Rossi M,Morrison M,Holtmann G,Kelly JT,Shanahan ER,Staudacher HM,Campbell KL

[Catechin supplemented in a FOS diet induces weight loss by altering cecal microbiota and gene expression of colonic](#)

epithelial cells.

**Food & function** , Volume: 9 Issue: 5 2018 May 23

Authors Luo J,Han L,Liu L,Gao L,Xue B,Wang Y,Ou S,Miller M,Peng X

Microbiome Responses to an Uncontrolled Short-Term Diet Intervention in the Frame of the Citizen Science Project.

**Nutrients** , Volume: 10 Issue: 5 2018 May 8

Authors Klimenko NS,Tyakht AV,Popenko AS,Vasiliev AS,Altukhov IA,Ischenko DS,Shashkova TI,Efimova DA,Nikogosov DA,Osipenko DA,Musienko SV,Selezneva KS,Baranova A,Kurilshikov AM,Toshchakov SM,Korzhnikov AA,Samarov NI,Shevchenko MA,Tepliuk AV,Alexeev DG

Response of Gut Microbiota to Metabolite Changes Induced by Endurance Exercise.

**Frontiers in microbiology** , Volume: 9 2018

Authors Zhao X,Zhang Z,Hu B,Huang W,Yuan C,Zou L

Walnut Consumption Alters the Gastrointestinal Microbiota, Microbially Derived Secondary Bile Acids, and Health Markers in Healthy Adults: A Randomized Controlled Trial.

**The Journal of nutrition** , Volume: 148 Issue: 6 2018 Jun 1

Authors Holscher HD,Guetterman HM,Swanson KS,An R,Matthan NR,Lichtenstein AH,Novotny JA,Baer DJ

Modifications in gut microbiota and fermentation metabolites in the hindgut of rats after the consumption of galactooligosaccharide glycated with a fish peptide.

**Food & function** , Volume: 9 Issue: 5 2018 May 1

Authors Jin W,Han K,Dong S,Yang Y,Mao Z,Su M,Zeng M

The Endotoxemia Marker Lipopolysaccharide-Binding Protein is Reduced in Overweight-Obese Subjects Consuming Pomegranate Extract by Modulating the Gut Microbiota: A Randomized Clinical Trial.

**Molecular nutrition & food research** , 2018 Apr 17

Authors González-Sarriás A,Romo-Vaquero M,García-Villalba R,Cortés-Martín A,Selma MV,Espín JC

Influence of *Nigella sativa* seeds, *Rosmarinus officinalis* leaves and their combination on growth performance, immune response and rumen metabolism in Dorper lambs.

**Tropical animal health and production** , Volume: 50 Issue: 5 2018 Jun

Authors Odhaib KJ,Adeyemi KD,Ahmed MA,Jahromi MF,Jusoh S,Samsudin AA,Alimon AR,Yaakub H,Sazili AQ

Metabolism and prebiotics activity of anthocyanins from black rice (*Oryza sativa* L.) in vitro.

**PloS one** , Volume: 13 Issue: 4 2018

Authors Zhu Y,Sun H,He S,Lou Q,Yu M,Tang M,Tu L

Lactobacillus plantarum MTCC 9510 supplementation protects from chronic unpredictable and sleep deprivation-induced behaviour, biochemical and selected gut microbial aberrations in mice.

**Journal of applied microbiology** , Volume: 125 Issue: 1 2018 Jul

Authors Dhaliwal J,Singh DP,Singh S,Pinnaka AK,Boparai RK,Bishnoi M,Kondepudi KK,Chopra K

Prebiotic Potential of Herbal Medicines Used in Digestive Health and Disease.

**Journal of alternative and complementary medicine (New York, N.Y.)** , Volume: 24 Issue: 7 2018 Jul

Authors Peterson CT,Sharma V,Uchitel S,Denniston K,Chopra D,Mills PJ,Peterson SN

The Efficacy of a Chewing Gum Containing *Phyllanthus emblica* Fruit Extract in Improving Oral Health.

**Current microbiology** , Volume: 75 Issue: 5 2018 May

Authors Gao Q,Li X,Huang H,Guan Y,Mi Q,Yao J

Effects of dietary *Bacillus amyloliquefaciens* supplementation on growth performance, intestinal morphology, inflammatory response, and microbiota of intra-uterine growth retarded weanling piglets.

**Journal of animal science and biotechnology** , Volume: 9 2018

Authors Li Y,Zhang H,Su W,Ying Z,Chen Y,Zhang L,Lu Z,Wang T

Extensive impact of non-antibiotic drugs on human gut bacteria.

**Nature** , Volume: 555 Issue: 7698 2018 Mar 29

Authors Maier L,Pruteanu M,Kuhn M,Zeller G,Telzerow A,Anderson EE,Brochado AR,Fernandez KC,Dose H,Mori H,Patil KR,Bork P,Typas A

Whole Tibetan Hull-Less Barley Exhibit Stronger Effect on Promoting Growth of Genus *Bifidobacterium* than Refined Barley In Vitro.

**Journal of food science** , Volume: 83 Issue: 4 2018 Apr

Authors Gong L,Cao W,Gao J,Wang J,Zhang H,Sun B,Yin M

Inulin-type fructan improves diabetic phenotype and gut microbiota profiles in rats.

**PeerJ** , Volume: 6 2018

Authors Zhang Q,Yu H,Xiao X,Hu L,Xin F,Yu X

Enhancing syntrophic associations among *Clostridium butyricum*, *Syntrophomonas* and two types of methanogen by zero valent iron in an anaerobic assay with a high organic loading.

**Bioresource technology** , Volume: 257 2018 Jun

**Authors Kong X,Yu S,Fang W,Liu J,Li H**

Grape seed proanthocyanidins influence gut microbiota and enteroendocrine secretions in female rats.

**Food & function , Volume: 9 Issue: 3 2018 Mar 1**

**Authors Casanova-Martí A,Serrano J,Portune KJ,Sanz Y,Blay MT,Terra X,Ardévol A,Pinent M**

Fermentation of non-digestible raffinose family oligosaccharides and galactomannans by probiotics.

**Food & function , Volume: 9 Issue: 3 2018 Mar 1**

**Authors Zartl B,Silberbauer K,Loeppert R,Viernstein H,Praznik W,Mueller M**

Effects of a galacto-oligosaccharide-rich diet on fecal microbiota and metabolite profiles in mice.

**Food & function , 2018 Feb 21**

**Authors Cheng W,Lu J,Lin W,Wei X,Li H,Zhao X,Jiang A,Yuan J**

Prebiotic Wheat Bran Fractions Induce Specific Microbiota Changes.

**Frontiers in microbiology , Volume: 9 2018**

**Authors D`hoe K,Conterno L,Fava F,Falony G,Vieira-Silva S,Vermeiren J,Tuohy K,Raes J**

Determination of reactive oxygen generated from natural medicines and their antibacterial activity.

**Journal of pharmaceutical analysis , Volume: 6 Issue: 4 2016 Aug**

**Authors Tajima N,Takasaki M,Fukamachi H,Igarashi T,Nakajima Y,Arakawa H**

Potential of Lactobacillus plantarum ZDY2013 and Bifidobacterium bifidum WBIN03 in relieving colitis by gut microbiota, immune, and anti-oxidative stress.

**Canadian journal of microbiology , 2018 Feb 5**

**Authors Wang Y,Guo Y,Chen H,Wei H,Wan C**

Effects of Blackcurrant and Dietary Fibers on Large Intestinal Health Biomarkers in Rats.

**Plant foods for human nutrition (Dordrecht, Netherlands) , Volume: 73 Issue: 1 2018 Mar**

**Authors Paturi G,Butts CA,Monro JA,Hedderley D**

[Assessment of the impact of vitamin and dietary fiber content in the diet on the characteristics of protective colon microbiota populations of rats].

**Voprosy pitaniia , Volume: 84 Issue: 6 2015**

**Authors Markova YM,Sheveleva SA**

Almond Consumption and Processing Affects the Composition of the Gastrointestinal Microbiota of Healthy Adult Men and Women: A Randomized Controlled Trial.

**Nutrients , Volume: 10 Issue: 2 2018 Jan 26**

**Authors Holscher HD,Taylor AM,Swanson KS,Novotny JA,Baer DJ**

Chemoprevention of colorectal cancer by black raspberry anthocyanins involved the modulation of gut microbiota and SFRP2 demethylation.

**Carcinogenesis , 2018 Jan 19**

**Authors Chen L,Jiang B,Zhong C,Guo J,Zhang L,Mu T,Zhang Q,Bi X**

Transferrin and Lactoferrin - Human Iron Sources for Enterococci.

**Polish journal of microbiology , Volume: 66 Issue: 4 2017 Dec 4**

**Authors Lisiecki P**

Effect of dark sweet cherry powder consumption on the gut microbiota, short-chain fatty acids, and biomarkers of gut health in obese db/db mice.

**PeerJ , Volume: 6 2018**

**Authors Garcia-Mazcorro JF,Lage NN,Mertens-Talcott S,Talcott S,Chew B,Dowd SE,Kawas JR,Noratto GD**

Habitual dietary fibre intake influences gut microbiota response to an inulin-type fructan prebiotic: a randomised, double-blind, placebo-controlled, cross-over, human intervention study.

**The British journal of nutrition , Volume: 119 Issue: 2 2018 Jan**

**Authors Healey G,Murphy R,Butts C,Brough L,Whelan K,Coad J**

Thymus mastichina L. essential oils from Murcia (Spain): Composition and antioxidant, antienzymatic and antimicrobial bioactivities.

**PloS one , Volume: 13 Issue: 1 2018**

**Authors Cutillas AB,Carrasco A,Martinez-Gutierrez R,Tomas V,Tudela J**

Influence of a diet enriched with virgin olive oil or butter on mouse gut microbiota and its correlation to physiological and biochemical parameters related to metabolic syndrome.

**PloS one , Volume: 13 Issue: 1 2018**

**Authors Prieto I,Hidalgo M,Segarra AB,Martínez-Rodríguez AM,Cobo A,Ramírez M,Abriouel H,Gálvez A,Martínez-Cañamero M**

Bacteriostatic Effect of Quercetin as an Antibiotic Alternative In Vivo and Its Antibacterial Mechanism In Vitro.

**Journal of food protection , Volume: 81 Issue: 1 2018 Jan**

**Authors Wang S,Yao J,Zhou B,Yang J,Chaudry MT,Wang M,Xiao F,Li Y,Yin W**

Arctic berry extracts target the gut-liver axis to alleviate metabolic endotoxaemia, insulin resistance and hepatic steatosis in

[diet-induced obese mice.](#)

**Diabetologia** , Volume: 61 Issue: 4 2018 Apr

Authors Anhé FF,Varin TV,Le Barz M,Pilon G,Dudonné S,Trottier J,St-Pierre P,Harris CS,Lucas M,Lemire M,Dewailly É,Barbier O,Desjardins Y,Roy D,Marette A

[Impact of genistein on the gut microbiome of humanized mice and its role in breast tumor inhibition.](#)

**PloS one** , Volume: 12 Issue: 12 2017

Authors Paul B,Royston KJ,Li Y,Stoll ML,Skibola CF,Wilson LS,Barnes S,Morrow CD,Tollefsbol TO

[The Impact of Long-Term Intake of Phenolic Compounds-Rich Grape Pomace on Rat Gut Microbiota.](#)

**Journal of food science** , Volume: 83 Issue: 1 2018 Jan

Authors Chacar S,Itani T,Hajal J,Saliba Y,Louka N,Faivre JF,Maroun R,Fares N

[Probiotics in 14-day triple therapy for Asian pediatric patients with Helicobacter pylori infection: a network meta-analysis.](#)

**Oncotarget** , Volume: 8 Issue: 56 2017 Nov 10

Authors Wen J,Peng P,Chen P,Zeng L,Pan Q,Wei W,He J

[Strong antimicrobial activity of Hypericum perforatum L. against oral isolates of Lactobacillus spp.](#)

**Cellular and molecular biology (Noisy-le-Grand, France)** , Volume: 63 Issue: 11 2017 Nov 30

Authors Khadem Nezhad S,Taghavi Zenouz A,Aghazadeh M,Samadi Kafil H

[Blood lactose after dairy product intake in healthy men.](#)

**The British journal of nutrition** , Volume: 118 Issue: 12 2017 Dec

Authors Pimentel G,Burton KJ,Rosikiewicz M,Freiburghaus C,von Ah U,Münger LH,Pralong FP,Vionnet N,Greub G,Badertscher R,Vergères G

[Effects of Lactobacillus acidophilus on gut microbiota composition in broilers challenged with Clostridium perfringens.](#)

**PloS one** , Volume: 12 Issue: 11 2017

Authors Li Z,Wang W,Liu D,Guo Y

[Bifidobacterium infantis Potentially Alleviates Shrimp Tropomyosin-Induced Allergy by Tolerogenic Dendritic Cell-](#)

[Dependent Induction of Regulatory T Cells and Alterations in Gut Microbiota.](#)

**Frontiers in immunology** , Volume: 8 2017

Authors Fu L,Song J,Wang C,Fu S,Wang Y

[Balancing Herbal Medicine and Functional Food for Prevention and Treatment of Cardiometabolic Diseases through Modulating Gut Microbiota.](#)

**Frontiers in microbiology** , Volume: 8 2017

Authors Lyu M,Wang YF,Fan GW,Wang XY,Xu SY,Zhu Y

[Exercise Alters Gut Microbiota Composition and Function in Lean and Obese Humans.](#)

**Medicine and science in sports and exercise** , Volume: 50 Issue: 4 2018 Apr

Authors Allen JM,Mailing LJ,Niemiro GM,Moore R,Cook MD,White BA,Holscher HD,Woods JA

[Benefits of Nut Consumption on Insulin Resistance and Cardiovascular Risk Factors: Multiple Potential Mechanisms of Actions](#)

**Nutrients** , Volume: 9 Issue: 11 2017 Nov 22

Authors Kim Y,Keogh JB,Clifton PM

[Camelina Seed Supplementation at Two Dietary Fat Levels Change Ruminal Bacterial Community Composition in a Dual-Flow Continuous Culture System.](#)

**Frontiers in microbiology** , Volume: 8 2017

Authors Dai X,Weimer PJ,Dill-McFarland KA,Brandao VLN,Suen G,Faciola AP

[A combination of quercetin and resveratrol reduces obesity in high-fat diet-fed rats by modulation of gut microbiota.](#)

**Food & function** , Volume: 8 Issue: 12 2017 Dec 13

Authors Zhao L,Zhang Q,Ma W,Tian F,Shen H,Zhou M

[Effects of monobutyrin and tributyrin on liver lipid profile, caecal microbiota composition and SCFA in high-fat diet-fed rats.](#)

**Journal of nutritional science** , Volume: 6 2017

Authors Nguyen TD,Prykhodko O,Fåk Hållénius F,Nyman M

[Brown rice and retrograded brown rice alleviate inflammatory response in dextran sulfate sodium \(DSS\)-induced colitis mice.](#)

**Food & function** , Volume: 8 Issue: 12 2017 Dec 13

Authors Praengam K,Sahasakul Y,Kupradinun P,Sakaran S,Sanitchua W,Rungsipipat A,Rattanapinyopituk K,Angkasekwinai P,Changsri K,Mhuantong W,Tangphatsornruang S,Tuntipopipat S

[An in vitro Comparative Evaluation of Efficacy of Disinfecting Ability of Garlic Oil, Neem Oil, Clove Oil, and Tulsi Oil with autoclaving on Endodontic K Files tested against Enterococcus faecalis.](#)

**International journal of clinical pediatric dentistry** , Volume: 10 Issue: 3 2017 Jul-Sep

Authors Hugar S,M Patel P,Nagmoti J,Uppin C,Mistry L,Dhariwal N

[Associations Between Microbiota, Mitochondrial Function, and Cognition in Chronic Marijuana Users.](#)

**Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology** ,

**Volume: 13 Issue: 1 2018 Mar**

**Authors Panee J,Gerschenson M,Chang L**

Lactobacillus plantarum HNU082-derived improvements in the intestinal microbiome prevent the development of hyperlipidaemia.

**Food & function , Volume: 8 Issue: 12 2017 Dec 13**

**Authors Shao Y,Huo D,Peng Q,Pan Y,Jiang S,Liu B,Zhang J**

The effects of essential oil, povidone-iodine, and chlorhexidine mouthwash on salivary nitrate/nitrite and nitrate-reducing bacteria.

**Journal of oral science , Volume: 59 Issue: 4 2017 Dec 27**

**Authors Mitsui T,Harasawa R**

In-vitro antimicrobial activity and identification of bioactive components using GC-MS of commercially available essential oils in Saudi Arabia.

**Journal of food science and technology , Volume: 54 Issue: 12 2017 Nov**

**Authors Ashraf SA,Al-Shammari E,Hussain T,Tajuddin S,Panda BP**

The effects of iron fortification and supplementation on the gut microbiome and diarrhea in infants and children: a review.

**The American journal of clinical nutrition , Volume: 106 Issue: Suppl 6 2017 Dec**

**Authors Paganini D,Zimmermann MB**

Characterization of fecal fat composition and gut derived fecal microbiota in high-fat diet fed rats following intervention with chito-oligosaccharide and resistant starch complexes.

**Food & function , Volume: 8 Issue: 12 2017 Dec 13**

**Authors Shang W,Si X,Zhou Z,Li Y,Strappe P,Blanchard C**

Bifidobacterium longum BB536 alleviated upper respiratory illnesses and modulated gut microbiota profiles in Malaysian pre-school children.

**Beneficial microbes , Volume: 9 Issue: 1 2018 Jan 29**

**Authors Lau AS,Yanagisawa N,Hor YY,Lew LC,Ong JS,Chuah LO,Lee YY,Choi SB,Rashid F,Wahid N,Sugahara H,Xiao JZ,Liong MT**

Indoor microbiota in severely moisture damaged homes and the impact of interventions.

**Microbiome , Volume: 5 Issue: 1 2017 Oct 13**

**Authors Jayaprakash B,Adams RI,Kirjavainen P,Karvonen A,Vepsäläinen A,Valkonen M,Järvi K,Sulyok M,Pekkanen J,Hyvärinen A,Täubel M**

Dietary ZnO nanoparticles alters intestinal microbiota and inflammation response in weaned piglets.

**Oncotarget , Volume: 8 Issue: 39 2017 Sep 12**

**Authors Xia T,Lai W,Han M,Han M,Ma X,Zhang L**

Effects of microencapsulated Lactobacillus plantarum LIP-1 on the gut microbiota of hyperlipidaemic rats.

**The British journal of nutrition , Volume: 118 Issue: 7 2017 Oct**

**Authors Song JJ,Tian WJ,Kwok LY,Wang YL,Shang YN,Menghe B,Wang JG**

Study of anticancer and antibacterial activities of Foeniculum vulgare, Justicia adhatoda and Urtica dioica as natural curatives.

**Cellular and molecular biology (Noisy-le-Grand, France) , Volume: 63 Issue: 9 2017 Sep 30**

**Authors Batool R,Salahuddin H,Mahmood T,Ismail M**

Decaffeinated green and black tea polyphenols decrease weight gain and alter microbiome populations and function in diet-induced obese mice.

**European journal of nutrition , 2017 Sep 30**

**Authors Henning SM,Yang J,Hsu M,Lee RP,Grojean EM,Ly A,Tseng CH,Heber D,Li Z**

Whole-Grain Starch and Fiber Composition Modifies Ileal Flow of Nutrients and Nutrient Availability in the Hindgut, Shifting Fecal Microbial Profiles in Pigs.

**The Journal of nutrition , Volume: 147 Issue: 11 2017 Nov**

**Authors Fouchse JM,Gänzle MG,Beattie AD,Vasanthan T,Zijlstra RT**

Synergistic effect of *Carum copticum* and *Mentha piperita* essential oils with ciprofloxacin, vancomycin, and gentamicin on Gram-negative and Gram-positive bacteria.

**International journal of pharmaceutical investigation , Volume: 7 Issue: 2 2017 Apr-Jun**

**Authors Talei GR,Mohammadi M,Bahmani M,Kopaei MR**

Fructooligosaccharide (FOS) and Galactooligosaccharide (GOS) Increase Bifidobacterium but Reduce Butyrate Producing Bacteria with Adverse Glycemic Metabolism in healthy young population.

**Scientific reports , Volume: 7 Issue: 1 2017 Sep 18**

**Authors Liu F,Li P,Chen M,Luo Y,Prabhakar M,Zheng H,He Y,Qi Q,Long H,Zhang Y,Sheng H,Zhou H**

Moderate-Intensity Exercise Affects Gut Microbiome Composition and Influences Cardiac Function in Myocardial Infarction Mice.

**Frontiers in microbiology , Volume: 8 2017**

Authors Liu Z,Liu HY,Zhou H,Zhan Q,Lai W,Zeng Q,Ren H,Xu D

Assessment of plaque regrowth with a probiotic toothpaste containing *Lactobacillus paracasei*: A spectrophotometric study.

**Journal of the Indian Society of Pedodontics and Preventive Dentistry** , Volume: 35 Issue: 4 2017 Oct-Dec

Authors Srinivasan S,Nandlal B,Rao MVS

Antibacterial activity and interactions of plant essential oil combinations against Gram-positive and Gram-negative bacteria.

**Journal of food and drug analysis** , Volume: 25 Issue: 2 2017 Apr

Authors Semeniac CA,Pop CR,Rotar AM

Bifidobacteria exert species-specific effects on constipation in BALB/c mice.

**Food & function** , Volume: 8 Issue: 10 2017 Oct 18

Authors Wang L,Hu L,Xu Q,Jiang T,Fang S,Wang G,Zhao J,Zhang H,Chen W

Reduced obesity, diabetes, and steatosis upon cinnamon and grape pomace are associated with changes in gut microbiota and markers of gut barrier.

**American journal of physiology. Endocrinology and metabolism** , Volume: 314 Issue: 4 2018 Apr 1

Authors Van Hul M,Geurts L,Plovier H,Druart C,Everard A,Ståhlman M,Rhimi M,Chira K,Teissedre PL,Delzenne NM,Maguin E,Guilbot A,Brochot A,Gérard P,Bäckhed F,Cani PD

Effect of Probiotic Lactobacilli on the Growth of Streptococcus Mutans and Multispecies Biofilms Isolated from Children with Active Caries.

**Medical science monitor : international medical journal of experimental and clinical research** , Volume: 23 2017 Aug 30

Authors Lin X,Chen X,Tu Y,Wang S,Chen H

Bifidobacterium pseudocatenulatum L109 and Bifidobacterium catenulatum L110 attenuate D-galactosamine-induced liver injury by modifying the gut microbiota

**Scientific Reports** , Volume: 7 2017 Aug 18

Authors Fang D,Shi D,Lv L,Gu S,Wu W,Chen Y,Guo J,Li A,Hu X,Guo F,Ye J,Li Y,Li L

Dietary Propolis Ameliorates Dextran Sulfate Sodium-Induced Colitis and Modulates the Gut Microbiota in Rats Fed a Western Diet.

**Nutrients** , Volume: 9 Issue: 8 2017 Aug 14

Authors Wang K,Jin X,You M,Tian W,Le Leu RK,Topping DL,Conlon MA,Wu L,Hu F

Beef, Chicken, and Soy Proteins in Diets Induce Different Gut Microbiota and Metabolites in Rats.

**Frontiers in microbiology** , Volume: 8 2017

Authors Zhu Y,Shi X,Lin X,Ye K,Xu X,Li C,Zhou G

Changes in the gut microbial communities following addition of walnuts to the diet.

**The Journal of nutritional biochemistry** , Volume: 48 2017 Oct

Authors Byerley LO,Samuels D,Blanchard E 4th,Luo M,Lorenzen BN,Banks S,Ponder MA,Welsh DA,Taylor CM

Lactobacillus casei CCFM419 attenuates type 2 diabetes via a gut microbiota dependent mechanism.

**Food & function** , Volume: 8 Issue: 9 2017 Sep 20

Authors Wang G,Li X,Zhao J,Zhang H,Chen W

Disruption in the cecal microbiota of chickens challenged with Clostridium perfringens and other factors was alleviated by Bacillus licheniformis supplementation.

**PloS one** , Volume: 12 Issue: 8 2017

Authors Lin Y,Xu S,Zeng D,Ni X,Zhou M,Zeng Y,Wang H,Zhou Y,Zhu H,Pan K,Li G

Specific Signatures of the Gut Microbiota and Increased Levels of Butyrate in Children Treated with Fermented Cow's Milk Containing Heat-Killed Lactobacillus paracasei CBA L74.

**Applied and environmental microbiology** , Volume: 83 Issue: 19 2017 Oct 1

Authors Berni Canani R,De Filippis F,Nocerino R,Laiola M,Paparo L,Calignano A,De Caro C,Coretti L,Chiariotti L,Gilbert JA,Ercolini D

Dose-Dependent Prebiotic Effect of Lactulose in a Computer-Controlled In Vitro Model of the Human Large Intestine.

**Nutrients** , Volume: 9 Issue: 7 2017 Jul 18

Authors Bothe MK,Maathuis AJH,Bellmann S,van der Vossen JMBM,Berressem D,Koehler A,Schwejda-Guettes S,Gaigg B,Kuchinka-Koch A,Stover JF

Black Raspberries and Their Anthocyanin and Fiber Fractions Alter the Composition and Diversity of Gut Microbiota in F-344 Rats.

**Nutrition and cancer** , Volume: 69 Issue: 6 2017 Aug-Sep

Authors Pan P,Lam V,Salzman N,Huang YW,Yu J,Zhang J,Wang LS

Fat binding capacity and modulation of the gut microbiota both determine the effect of wheat bran fractions on adiposity.

**Scientific reports** , Volume: 7 Issue: 1 2017 Jul 17

Authors Suriano F,Bindels LB,Verspreet J,Courtin CM,Verbeke K,Cani PD,Neyrinck AM,Delzenne NM

Effect of Soy Isoflavones on Growth of Representative Bacterial Species from the Human Gut.**Nutrients** , Volume: 9 Issue: 7 2017 Jul 8

Authors Vázquez L,Flórez AB,Guadamuro L,Mayo B

Prebiotic Potential and Chemical Composition of Seven Culinary Spice Extracts.**Journal of food science** , Volume: 82 Issue: 8 2017 Aug

Authors Lu QY,Summanen PH,Lee RP,Huang J,Henning SM,Heber D,Finegold SM,Li Z

Monitoring *in vitro* antibacterial efficacy of 26 Indian spices against multidrug resistant urinary tract infecting bacteria.**Integrative medicine research** , Volume: 3 Issue: 3 2014 Sep

Authors Rath S,Padhy RN

Next generation sequencing of oral microbiota in Type 2 diabetes mellitus prior to and after neem stick usage and correlation with serum monocyte chemoattractant-1.**Diabetes research and clinical practice** , Volume: 130 2017 Aug

Authors Anbalagan R,Srikanth P,Mani M,Barani R,Seshadri KG,Janarthanan R

The effects of the Lactobacillus casei strain on obesity in children: a pilot study.**Beneficial microbes** , Volume: 8 Issue: 4 2017 Aug 24

Authors Nagata S,Chiba Y,Wang C,Yamashiro Y

Inter-individual differences determine the outcome of wheat bran colonization by the human gut microbiome.**Environmental microbiology** , Volume: 19 Issue: 8 2017 Aug

Authors De Paepe K,Kerckhof FM,Verspreet J,Courtin CM,Van de Wiele T

Human Milk Oligosaccharides Exhibit Antimicrobial and Antibiofilm Properties against Group B Streptococcus.**ACS infectious diseases** , Volume: 3 Issue: 8 2017 Aug 11

Authors Ackerman DL,Doster RS,Weitkamp JH,Aronoff DM,Gaddy JA,Townsend SD

Association between Yogurt Consumption and Intestinal Microbiota in Healthy Young Adults Differs by Host Gender.**Frontiers in microbiology** , Volume: 8 2017

Authors Suzuki Y,Ikeda K,Sakuma K,Kawai S,Sawaki K,Asahara T,Takahashi T,Tsuji H,Nomoto K,Nagpal R,Wang C,Nagata S,Yamashiro Y

Effects of Commercial Apple Varieties on Human Gut Microbiota Composition and Metabolic Output Using an In Vitro Colonic Model.**Nutrients** , Volume: 9 Issue: 6 2017 May 24

Authors Koutsos A,Lima M,Conterno L,Gasperotti M,Bianchi M,Fava F,Vrhovsek U,Lovegrove JA,Tuohy KM

Health benefit of vegetable/fruit juice-based diet: Role of microbiome**Scientific Reports** , Volume: 7 2017 May 19

Authors Henning SM,Yang J,Shao P,Lee RP,Huang J,Ly A,Hsu M,Lu QY,Thames G,Heber D,Li Z

Effect of *Lactobacillus rhamnosus* HN001 and *Bifidobacterium longum* BB536 on the healthy gut microbiota composition at phyla and species level: A preliminary study.**World journal of gastroenterology** , Volume: 23 Issue: 15 2017 Apr 21

Authors Toscano M,De Grandi R,Stronati L,De Vecchi E,Drago L

Saccharin induced liver inflammation in mice by altering the gut microbiota and its metabolic functions.**Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association** , Volume: 107 Issue: Pt B 2017 Sep

Authors Bian X,Tu P,Chi L,Gao B,Ru H,Lu K

Effect of dietary supplementation with Lactobacillus acidophilus D2/CSL (CECT 4529) on caecum microbioma and productive performance in broiler chickens.**PloS one** , Volume: 12 Issue: 5 2017

Authors De Cesare A,Sirri F,Manfreda G,Moniaci P,Giardini A,Zampiga M,Meluzzi A

Characterization of non-dialyzable constituents from cranberry juice that inhibit adhesion, co-aggregation and biofilm formation by oral bacteria.**Food & function** , Volume: 8 Issue: 5 2017 May 24

Authors Neto CC,Penndorf KA,Feldman M,Meron-Sudai S,Zakay-Rones Z,Steinberg D,Fridman M,Kashman Y,Ginsburg I,Ofek I,Weiss E

Effect of *Bacillus subtilis* and *Bacillus licheniformis* supplementation in diets with low- and high-protein content on ileal crude protein and amino acid digestibility and intestinal microbiota composition of growing pigs.**Journal of animal science and biotechnology** , Volume: 8 2017

Authors Kaewtapee C,Burbach K,Tomforde G,Hartinger T,Camarinha-Silva A,Heinritz S,Seifert J,Wiltafsky M,Mosenthin R,Rosenfelder-Kuon P

Comparison of antioxidant, antimicrobial activities and chemical profiles of three coffee (Coffea arabica L.) pulp aqueous extracts.

**Integrative medicine research** , Volume: 5 Issue: 4 2016 Dec

Authors Duangjai A,Suphrom N,Wungrath J,Ontawong A,Nuengchamnong N,Yosboonruang A

Formulation, Characterization and Properties of Hemp Seed Oil and Its Emulsions.

**Molecules (Basel, Switzerland)** , Volume: 22 Issue: 5 2017 Apr 27

Authors Mikulcová V,Kašpárková V,Humpolíček P,Bunková L

Effect of a probiotic beverage consumption (Enterococcus faecium CRL 183 and Bifidobacterium longum ATCC 15707) in rats with chemically induced colitis.

**PloS one** , Volume: 12 Issue: 4 2017

Authors Celiberto LS,Bedani R,Dejani NN,Ivo de Medeiros A,Sampaio Zuanon JA,Spolidorio LC,Tallarico Adorno MA,Amâncio Varesche MB,Carrilho Galvão F,Valentini SR,Font de Valdez G,Rossi EA,Cavallini DCU

Influence of diet on the gut microbiome and implications for human health.

**Journal of translational medicine** , Volume: 15 Issue: 1 2017 Apr 8

Authors Singh RK,Chang HW,Yan D,Lee KM,Ucmak D,Wong K,Abrouk M,Farahnik B,Nakamura M,Zhu TH,Bhutani T,Liao W

Impact of probiotic Saccharomyces boulardii on the gut microbiome composition in HIV-treated patients: A double-blind, randomised, placebo-controlled trial.

**PloS one** , Volume: 12 Issue: 4 2017

Authors Villar-García J,Güerri-Fernández R,Moya A,González A,Hernández JJ,Lerma E,Guelar A,Sorli L,Horcajada JP,Artacho A,D Auria G,Knobel H

Anti Bacterial Efficacy of <i>Terminalia Chebula, *Terminalia Bellirica*, *Embilica Officinalis* and <i>Triphala on Salivary <i>Streptococcus Mutans Count - A Linear Randomized Cross Over Trial.

**Journal of clinical and diagnostic research : JCDR** , Volume: 11 Issue: 2 2017 Feb

Authors Saxena S,Lakshminarayan N,Gudli S,Kumar M

Carbohydrate Staple Food Modulates Gut Microbiota of Mongolians in China.

**Frontiers in microbiology** , Volume: 8 2017

Authors Li J,Hou Q,Zhang J,Xu H,Sun Z,Menghe B,Zhang H

Good Bugs vs Bad Bugs: Evaluation of Inhibitory Effect of Selected Probiotics against Enterococcus faecalis.

**The journal of contemporary dental practice** , Volume: 18 Issue: 4 2017 Apr 1

Authors Bohora AA,Kokate SR

Changes in intestinal microbiota composition and metabolism coincide with increased intestinal permeability in young adults under prolonged physiological stress.

**American journal of physiology. Gastrointestinal and liver physiology** , Volume: 312 Issue: 6 2017 Jun 1

Authors Karl JP,Margolis LM,Madslien EH,Murphy NE,Castellani JW,Gundersen Y,Hoke AV,Levangie MW,Kumar R,Chakraborty N,Gautam A,Hammamieh R,Martini S,Montain SJ,Pasiakos SM

Evaluation of Phenolic Compounds and Antioxidant and Antimicrobial Activities of Some Common Herbs.

**International journal of analytical chemistry** , Volume: 2017 2017

Authors Abdul Qadir M,Shahzadi SK,Bashir A,Munir A,Shahzad S

Effect of Whole Grain Qingke (Tibetan Hordeum vulgare L. Zangqing 320) on the Serum Lipid Levels and Intestinal Microbiota of Rats under High-Fat Diet.

**Journal of agricultural and food chemistry** , Volume: 65 Issue: 13 2017 Apr 5

Authors Xia X,Li G,Ding Y,Ren T,Zheng J,Kan J

In vitro antibacterial, antifungal and antioxidant activities of Eucalyptus spp. leaf extracts related to phenolic composition.

**Natural product research** , Volume: 31 Issue: 24 2017 Dec

Authors Elansary HO,Salem MZM,Ashmawy NA,Yessoufou K,El-Settawy AAA

Effect of dietary polyphenol-rich grape seed on growth performance, antioxidant capacity and ileal microflora in broiler chicks.

**Journal of animal physiology and animal nutrition** , Volume: 102 Issue: 1 2018 Feb

Authors Abu Hafsa SH,Ibrahim SA

Apple Polysaccharide inhibits microbial dysbiosis and chronic inflammation and modulates gut permeability in HFD-fed rats.

**International journal of biological macromolecules** , Volume: 99 2017 Jun

Authors Wang S,Li Q,Zang Y,Zhao Y,Liu N,Wang Y,Xu X,Liu L,Mei Q

Prebiotic inulin-type fructans induce specific changes in the human gut microbiota.

**Gut** , Volume: 66 Issue: 11 2017 Nov

Authors Vandeputte D,Falony G,Vieira-Silva S,Wang J,Sailer M,Theis S,Verbeke K,Raes J

Of the milk sugars, galactose, but not prebiotic galacto-oligosaccharide, improves insulin sensitivity in male Sprague-Dawley rats.

**PloS one** , Volume: 12 Issue: 2 2017

Authors Stahel P,Kim JJ,Xiao C,Cant JP

Characterization of ginger essential oil/palygorskite composite (GEO-PGS) and its anti-bacteria activity.

**Materials science & engineering. C, Materials for biological applications , Volume: 73 2017 Apr 1**

Authors Lei H,Wei Q,Wang Q,Su A,Xue M,Liu Q,Hu Q

Microbial shifts in the porcine distal gut in response to diets supplemented with Enterococcus Faecalis as alternatives to antibiotics.

**Scientific reports , Volume: 7 2017 Feb 6**

Authors Li P,Niu Q,Wei Q,Zhang Y,Ma X,Kim SW,Lin M,Huang R

Bovine milk oligosaccharides decrease gut permeability and improve inflammation and microbial dysbiosis in diet-induced obese mice.

**Journal of dairy science , Volume: 100 Issue: 4 2017 Apr**

Authors Boudry G,Hamilton MK,Chichlowski M,Wickramasinghe S,Barile D,Kalanetra KM,Mills DA,Raybould HE

Antimicrobial Effects of Mastic Extract Against Oral and Periodontal Pathogens.

**Journal of periodontology , Volume: 88 Issue: 5 2017 May**

Authors Koychev S,Dommisch H,Chen H,Pischon N

Impact of short-chain galactooligosaccharides on the gut microbiome of lactose-intolerant individuals.

**Proceedings of the National Academy of Sciences of the United States of America , Volume: 114 Issue: 3 2017 Jan 17**

Authors Azcarate-Peril MA,Ritter AJ,Savaiano D,Monteagudo-Mera A,Anderson C,Magness ST,Klaenhammer TR

A metagenomic study of the preventive effect of Lactobacillus rhamnosus GG on intestinal polyp formation in Apc<sup>Min/+</sup> mice.

**Journal of applied microbiology , Volume: 122 Issue: 3 2017 Mar**

Authors Ni Y,Wong VH,Tai WC,Li J,Wong WY,Lee MM,Fong FL,El-Nezami H,Panagiotou G

Early-Life Sugar Consumption Affects the Rat Microbiome Independently of Obesity.

**The Journal of nutrition , Volume: 147 Issue: 1 2017 Jan**

Authors Noble EE,Hsu TM,Jones RB,Fodor AA,Goran MI,Kanoski SE

Improved Glucose Homeostasis in Obese Mice Treated With Resveratrol Is Associated With Alterations in the Gut Microbiome.

**Diabetes , Volume: 66 Issue: 2 2017 Feb**

Authors Sung MM,Kim TT,Denou E,Softys CM,Hamza SM,Byrne NJ,Masson G,Park H,Wishart DS,Madsen KL,Schertzer JD,Dyck JR

Reversal of resistance in bacteria underlies synergistic effect of essential oils with conventional antibiotics.

**Microbial pathogenesis , Volume: 106 2017 May**

Authors Lahmar A,Bedoui A,Mokdad-Bzeouich I,Dhaouifi Z,Kalboussi Z,Cheraif I,Ghedira K,Chekir-Ghedira L

Lactate- and acetate-based cross-feeding interactions between selected strains of lactobacilli, bifidobacteria and colon bacteria in the presence of inulin-type fructans.

**International journal of food microbiology , Volume: 241 2017 Jan 16**

Authors Moens F,Verce M,De Vuyst L

Soy and Gut Microbiota: Interaction and Implication for Human Health.

**Journal of agricultural and food chemistry , Volume: 64 Issue: 46 2016 Nov 23**

Authors Huang H,Krishnan HB,Pham Q,Yu LL,Wang TT

Efficacy and role of inulin in mitigation of enteric sulfur-containing odor in pigs.

**Journal of the science of food and agriculture , Volume: 97 Issue: 8 2017 Jun**

Authors Deng YF,Liu YY,Zhang YT,Wang Y,Liang JB,Tufarelli V,Laudadio V,Liao XD

Benefits of Bifidobacterium animalis subsp. lactis Probiotic in Experimental Periodontitis.

**Journal of periodontology , Volume: 88 Issue: 2 2017 Feb**

Authors Oliveira LF,Salvador SL,Silva PH,Furlaneto FA,Figueiredo L,Casarin R,Ervolino E,Palioto DB,Souza SL,Taba M Jr,Novaes AB Jr,Messora MR

To evaluate of the effect of adding licorice to the standard treatment regimen of Helicobacter pylori.

**The Brazilian journal of infectious diseases : an official publication of the Brazilian Society of Infectious Diseases , Volume: 20 Issue: 6 2016 Nov-Dec**

Authors Hajiaghahmohammadi AA,Zargar A,Oveisi S,Samimi R,Reisian S

In vitro activity of plant extracts against biofilm-producing food-related bacteria.

**International journal of food microbiology , Volume: 238 2016 Dec 5**

Authors Nostro A,Guerrini A,Marino A,Tacchini M,Di Giulio M,Grandini A,Akin M,Cellini L,Bisignano G,Saraçoğlu HT

Japanese traditional dietary fungus koji Aspergillus oryzae functions as a prebiotic for Blautia coccoides through glycosylceramide: Japanese dietary fungus koji is a new prebiotic.

**SpringerPlus , Volume: 5 Issue: 1 2016**

Authors Hamajima H,Matsunaga H,Fujikawa A,Sato T,Mitsutake S,Yanagita T,Nagao K,Nakayama J,Kitagaki H

The effect of volatile oil mixtures on the performance and ilio-caecal microflora of broiler chickens.

**British poultry science** , Volume: 57 Issue: 6 2016 Dec

Authors Cetin E,Yibar A,Yesilbag D,Cetin I,Cengiz SS

Supplementation with fruit and okara soybean by-products and amaranth flour increases the folate production by starter and probiotic cultures.

**International journal of food microbiology** , Volume: 236 2016 Nov 7

Authors Albuquerque MA,Bedani R,Vieira AD,LeBlanc JG,Saad SM

Dietary Casein and Soy Protein Isolate Modulate the Effects of Raffinose and Fructooligosaccharides on the Composition and Fermentation of Gut Microbiota in Rats.

**Journal of food science** , Volume: 81 Issue: 8 2016 Aug

Authors Bai G,Ni K,Tsuruta T,Nishino N

In vitro antimicrobial activity of five essential oils on multidrug resistant Gram-negative clinical isolates.

**Journal of intercultural ethnopharmacology** , Volume: 5 Issue: 3 2016 Jun-Aug

Authors Sakkas H,Gousia P,Economou V,Sakkas V,Petsios S,Papadopoulou C

Short communication: Modulation of the small intestinal microbial community composition over short-term or long-term administration with Lactobacillus plantarum ZDY2013.

**Journal of dairy science** , Volume: 99 Issue: 9 2016 Sep

Authors Xie Q,Pan M,Huang R,Tian X,Tao X,Shah NP,Wei H,Wan C

Microbiome-Metabolome Responses in the Cecum and Colon of Pig to a High Resistant Starch Diet.

**Frontiers in microbiology** , Volume: 7 2016

Authors Sun Y,Su Y,Zhu W

Obese ZDF rats fermented resistant starch with effects on gut microbiota but no reduction in abdominal fat.

**Molecular nutrition & food research** , Volume: 61 Issue: 1 2017 Jan

Authors Goldsmith F,Guice J,Page R,Welsh DA,Taylor CM,Blanchard EE,Luo M,Raggio AM,Stout RW,Carvajal-Aldaz D,Gaither A,Pelkman C,Ye J,Martin RJ,Geaghan J,Durham HA,Coulon D,Keenan MJ

Effect of licorice extract on cell viability, biofilm formation and exotoxin production by Staphylococcus aureus.

**Journal of food science and technology** , Volume: 53 Issue: 2 2016 Feb

Authors Rohinishree YS,Negi PS

A proteomic approach towards understanding the cross talk between Bacteroides fragilis and Bifidobacterium longum in coculture.

**Canadian journal of microbiology** , Volume: 62 Issue: 7 2016 Jul

Authors Ríos-Covián D,Sánchez B,Martínez N,Cuesta I,Hernández-Barranco AM,de Los Reyes-Gavilán CG,Gueimonde M

Screening of Bifidobacteria and Lactobacilli Able to Antagonize the Cytotoxic Effect of Clostridium difficile upon Intestinal Epithelial HT29 Monolayer.

**Frontiers in microbiology** , Volume: 7 2016

Authors Valdés-Varela L,Alonso-Guervos M,García-Suárez O,Gueimonde M,Ruas-Madiedo P

Effects of two different probiotics on microflora, morphology, and morphometry of gut in organic laying hens.

**Poultry science** , Volume: 95 Issue: 11 2016 Nov 1

Authors Forte C,Acuti G,Manuali E,Casagrande Proietti P,Pavone S,Trabalza-Marinucci M,Moscato L,Onofri A,Lorenzetti C,Franciosi MP

Survey of the Antibiofilm and Antimicrobial Effects of Zingiber officinale (in Vitro Study).

**Jundishapur journal of microbiology** , Volume: 9 Issue: 2 2016 Feb

Authors Aghazadeh M,Zahedi Bialvaei A,Aghazadeh M,Kabiri F,Saliani N,Yousefi M,Eslami H,Samadi Kafil H

Lingonberries alter the gut microbiota and prevent low-grade inflammation in high-fat diet fed mice.

**Food & nutrition research** , Volume: 60 2016

Authors Heyman-Lindén L,Kotowska D,Sand E,Bjursell M,Plaza M,Turner C,Holm C,Fåk F,Berger K

Lactobacillus rhamnosus GG Intake Modifies Preschool Children`s Intestinal Microbiota, Alleviates Penicillin-Associated Changes, and Reduces Antibiotic Use.

**PloS one** , Volume: 11 Issue: 4 2016

Authors Korpela K,Salonen A,Virta LJ,Kumpu M,Kekkonen RA,de Vos WM

The intestinal microbiota of piglets fed with wheat bran variants as characterised by 16S rRNA next-generation amplicon sequencing.

**Archives of animal nutrition** , Volume: 70 Issue: 3 2016

Authors Kraler M,Ghanbari M,Domig KJ,Schedle K,Kneifel W

Prebiotics and Bioactive Milk Fractions Affect Gut Development, Microbiota, and Neurotransmitter Expression in Piglets.

**Journal of pediatric gastroenterology and nutrition** , Volume: 63 Issue: 6 2016 Dec

Authors Berding K,Wang M,Monaco MH,Alexander LS,Mudd AT,Chichlowski M,Waworuntu RV,Berg BM,Miller MJ,Dilger RN,Donovan SM

Potential of neem (Azadirachta indica L.) for prevention and treatment of oncologic diseases.

**Seminars in cancer biology , Volume: 40-41 2016 Oct**

Authors Patel SM,Nagulapalli Venkata KC,Bhattacharyya P,Sethi G,Bishayee A

Antimicrobial activities of six essential oils commonly used as condiments in Brazil against Clostridium perfringens.

**Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , Volume: 47 Issue: 2 2016 Apr-Jun**

Authors Radaelli M,da Silva BP,Weidlich L,Hoehne L,Flach A,da Costa LA,Ethur EM

In vitro extraction and fermentation of polyphenols from grape seeds (Vitis vinifera) by human intestinal microbiota.

**Food & function , Volume: 7 Issue: 4 2016 Apr**

Authors Zhou L,Wang W,Huang J,Ding Y,Pan Z,Zhao Y,Zhang R,Hu B,Zeng X

Rapid, Bioassay-Guided Process for the Detection and Identification of Antibacterial Neem Oil Compounds.

**Journal of chromatographic science , Volume: 54 Issue: 7 2016 Aug**

Authors Krüzselyi D,Nagy R,Ott PG,Móricz ÁM

Effect of Wheat Dietary Fiber Particle Size during Digestion In Vitro on Bile Acid, Faecal Bacteria and Short-Chain Fatty Acid Content.

**Plant foods for human nutrition (Dordrecht, Netherlands) , Volume: 71 Issue: 2 2016 Jun**

Authors Dziedzic K,Szwengiel A,Górecka D,Gujaska E,Kaczkowska J,Drozdzyńska A,Walkowiak J

Lactobacillus plantarum NCU116 attenuates cyclophosphamide-induced intestinal mucosal injury, metabolism and intestinal microbiota disorders in mice.

**Food & function , Volume: 7 Issue: 3 2016 Mar**

Authors Xie JH,Fan ST,Nie SP,Yu Q,Xiong T,Gong D,Xie MY

Manipulation of the gut microbiota using resistant starch is associated with protection against colitis-associated colorectal cancer in rats.

**Carcinogenesis , Volume: 37 Issue: 4 2016 Apr**

Authors Hu Y,Le Leu RK,Christophersen CT,Somashekar R,Conlon MA,Meng XQ,Winter JM,Woodman RJ,McKinnon R,Young GP

High Molecular Weight Barley  $\beta$ -Glucan Alters Gut Microbiota Toward Reduced Cardiovascular Disease Risk.

**Frontiers in microbiology , Volume: 7 2016**

Authors Wang Y,Ames NP,Tun HM,Tosh SM,Jones PJ,Khafipour E

Lingonberries reduce atherosclerosis in Apoe(-/-) mice in association with altered gut microbiota composition and improved lipid profile.

**Molecular nutrition & food research , Volume: 60 Issue: 5 2016 May**

Authors Matziouridou C,Marunguang N,Nguyen TD,Nyman M,Fåk F

Diets enriched with cranberry beans alter the microbiota and mitigate colitis severity and associated inflammation.

**The Journal of nutritional biochemistry , Volume: 28 2016 Feb**

Authors Monk JM,Lepp D,Zhang CP,Wu W,Zarepoor L,Lu JT,Pauls KP,Tsao R,Wood GA,Robinson LE,Power KA

Purification and characteristics of a novel bacteriocin produced by Enterococcus faecalis L11 isolated from Chinese traditional fermented cucumber.

**Biotechnology letters , Volume: 38 Issue: 5 2016 May**

Authors Gao Y,Li B,Li D,Zhang L

Oral versus intravenous iron replacement therapy distinctly alters the gut microbiota and metabolome in patients with IBD.

**Gut , Volume: 66 Issue: 5 2017 May**

Authors Lee T,Clavel T,Smirnov K,Schmidt A,Lagkouravdos I,Walker A,Lucio M,Michalke B,Schmitt-Kopplin P,Fedorak R,Haller D

High purity galacto-oligosaccharides enhance specific Bifidobacterium species and their metabolic activity in the mouse gut microbiome.

**Beneficial microbes , Volume: 7 Issue: 2 2016**

Authors Monteagudo-Mera A,Arthur JC,Jobin C,Keku T,Bruno-Barcena JM,Azcarate-Peril MA

The Effects of Inulin on Characteristics of Lactobacillus paracasei TD3 (IBRC-M 10784) as Probiotic Bacteria in vitro.

**Archives of Iranian medicine , Volume: 19 Issue: 2 2016 Feb**

Authors Mahboubi M,Kazempour N

All natural cellulose acetate-Lemongrass essential oil antimicrobial nanocapsules.

**International journal of pharmaceutics , Volume: 510 Issue: 2 2016 Aug 30**

Authors Liakos IL,D'aulilia F,Garzoni A,Bonferoni C,Scarpellini A,Brunetti V,Carzino R,Bianchini P,Pompa PP,Athanassiou A

Evaluation of probiotic properties of Lactobacillus plantarum WLPLO4 isolated from human breast milk.

**Journal of dairy science , Volume: 99 Issue: 3 2016 Mar**

Authors Jiang M,Zhang F,Wan C,Xiong Y,Shah NP,Wei H,Tao X

Growth of Ag-nanoparticles in an aqueous solution and their antimicrobial activities against Gram positive, Gram negative bacterial strains and Candida fungus.

**Bioprocess and biosystems engineering , Volume: 39 Issue: 4 2016 Apr**

Authors Aazam ES,Zaheer Z

Antibacterial Activity of Probiotic Lactobacillus plantarum HK01: Effect of Divalent Metal Cations and Food Additives on Production Efficiency of Antibacterial Compounds.

**Probiotics and antimicrobial proteins** , Volume: 5 Issue: 2 2013 Jun

Authors Sharafi H,Alidost L,Lababpour A,Shahbani Zahiri H,Abbasi H,Vali H,Akbari Noghabi K

Microbial Metabolism Shifts Towards an Adverse Profile with Supplementary Iron in the TIM-2 In vitro Model of the Human Colon.

**Frontiers in microbiology** , Volume: 6 2015

Authors Kortman GA,Dutilh BE,Maathuis AJ,Engelke UF,Boekhorst J,Keegan KP,Nielsen FG,Betley J,Weir JC,Kingsbury Z,Kluijtmans LA,Swinkels DW,Venema K,Tjalsma H

Probiotic Characteristics of Lactobacillus plantarum FH185 Isolated from Human Feces.

**Korean journal for food science of animal resources** , Volume: 35 Issue: 5 2015

Authors Park SY,Lim SD

Extrusion of barley and oat influence the fecal microbiota and SCFA profile of growing pigs.

**Food & function** , Volume: 7 Issue: 2 2016 Feb

Authors Moen B,Berget I,Rud I,Hole AS,Kjos NP,Sahlström S

The Effect of Lactobacillus casei 32G on the Mouse Cecum Microbiota and Innate Immune Response Is Dose and Time Dependent.

**PloS one** , Volume: 10 Issue: 12 2015

Authors Aktas B,De Wolfe TJ,Tandee K,Safdar N,Darien BJ,Steele JL

The human milk oligosaccharide 2'-fucosyllactose augments the adaptive response to extensive intestinal.

**American journal of physiology. Gastrointestinal and liver physiology** , Volume: 310 Issue: 6 2016 Mar 15

Authors Mezoff EA,Hawkins JA,Oilberding NJ,Karns R,Morrow AL,Helmrich MA

Dietary Isomers of Sialyllactose Increase Ganglioside Sialic Acid Concentrations in the Corpus Callosum and Cerebellum and Modulate the Colonic Microbiota of Formula-Fed Piglets.

**The Journal of nutrition** , Volume: 146 Issue: 2 2016 Feb

Authors Jacobi SK,Yatsunenkov T,Li D,Dasgupta S,Yu RK,Berg BM,Chichlowski M,Odle J

In vitro antibacterial, antioxidant activity and total phenolic content of some essential oils.

**Journal of environmental biology** , Volume: 36 Issue: 6 2015 Nov

Authors Srivastava U,Ojha S,Tripathi NN,Singh P

Changes in Gut and Plasma Microbiome following Exercise Challenge in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS).

**PloS one** , Volume: 10 Issue: 12 2015

Authors Shukla SK,Cook D,Meyer J,Vernon SD,Le T,Clevidence D,Robertson CE,Schrodi SJ,Yale S,Frank DN

Red wine polyphenols modulate fecal microbiota and reduce markers of the metabolic syndrome in obese patients.

**Food & function** , Volume: 7 Issue: 4 2016 Apr

Authors Moreno-Indias I,Sánchez-Alcoholado L,Pérez-Martínez P,Andrés-Lacueva C,Cardona F,Tinahones F,Queipo-Ortuño MI

Membrane filter method to study the effects of Lactobacillus acidophilus and Bifidobacterium longum on fecal microbiota.

**Microbiology and immunology** , Volume: 59 Issue: 11 2015 Nov

Authors Shimizu H,Benno Y

The Influence of Nonsteroidal Anti-Inflammatory Drugs on the Gut Microbiome

**Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases** , Volume: 22 Issue: 2 2015 Oct 16

Authors Rogers MA,Aronoff DM

Effect of Bacillus subtilis CGMCC 1.1086 on the growth performance and intestinal microbiota of broilers.

**Journal of applied microbiology** , Volume: 120 Issue: 1 2016 Jan

Authors Li Y,Xu Q,Huang Z,Lv L,Liu X,Yin C,Yan H,Yuan J

Brevibacillus laterosporus, a Pathogen of Invertebrates and a Broad-Spectrum Antimicrobial Species.

**Insects** , Volume: 4 Issue: 3 2013 Sep 5

Authors Ruiu L

Bacteriocin-producing strains of Lactobacillus plantarum inhibit adhesion of Staphylococcus aureus to extracellular matrix: quantitative insight and implications in antibacterial therapy.

**Journal of medical microbiology** , Volume: 64 Issue: 12 2015 Dec

Authors Mukherjee S,Ramesh A

Effects of dietary supplementation with lysine-yielding Bacillus subtilis on gut morphology, cecal microflora, and intestinal immune response of Linwu ducks.

**Journal of animal science** , Volume: 93 Issue: 7 2015 Jul

Authors Xing Y,Wang S,Fan J,Oso AO,Kim SW,Xiao D,Yang T,Liu G,Jiang G,Li Z,Li L,Zhang B

- Phenolic compounds from red wine and coffee are associated with specific intestinal microorganisms in allergic subjects.  
**Food & function** , Volume: 7 Issue: 1 2016 Jan  
 Authors Cuervo A,Hevia A,López P,Suárez A,Díaz C,Sánchez B,Margolles A,González S
- Enhanced butyrate formation by cross-feeding between *Faecalibacterium prausnitzii* and *Bifidobacterium adolescentis*.  
**FEMS microbiology letters** , Volume: 362 Issue: 21 2015 Nov  
 Authors Rios-Covian D,Gueimonde M,Duncan SH,Flint HJ,de los Reyes-Gavilan CG
- Microbial populations and fermentation profiles in rumen liquid and solids of Holstein cows respond differently to dietary barley processing.  
**Journal of applied microbiology** , Volume: 119 Issue: 6 2015 Dec  
 Authors Metzler-Zebeli BU,Khol-Parisini A,Gruber L,Zebeli Q
- Health-promoting value and food applications of black cumin essential oil: an overview.  
**Journal of food science and technology** , Volume: 52 Issue: 10 2015 Oct  
 Authors Hassanien MF,Assiri AM,Alzohairy AM,Oraby HF
- Lactobacillus rhamnosus* GG-supplemented formula expands butyrate-producing bacterial strains in food allergic infants.  
**The ISME journal** , Volume: 10 Issue: 3 2016 Mar  
 Authors Berni Canani R,Sangwan N,Stefka AT,Nocerino R,Paparo L,Aitoro R,Calignano A,Khan AA,Gilbert JA,Nagler CR
- Effect of Whole-Grain Barley on the Human Fecal Microbiota and Metabolome.  
**Applied and environmental microbiology** , Volume: 81 Issue: 22 2015 Nov  
 Authors De Angelis M,Montemurno E,Vannini L,Cosola C,Cavallo N,Gozzi G,Maranzano V,Di Cagno R,Gobbetti M,Gesualdo L
- Effects of pre-encapsulated and pro-encapsulated *Enterococcus faecalis* on growth performance, blood characteristics, and cecal microflora in broiler chickens.  
**Poultry science** , Volume: 94 Issue: 11 2015 Nov  
 Authors Zhang L,Li J,Yun TT,Qi WT,Liang XX,Wang YW,Li AK
- Antibacterial activity of cinnamaldehyde and clove oil: effect on selected foodborne pathogens in model food systems and watermelon juice.  
**Journal of food science and technology** , Volume: 52 Issue: 9 2015 Sep  
 Authors Siddiqua S,Anusha BA,Ashwini LS,Negi PS
- The effect of dietary resistant starch type 2 on the microbiota and markers of gut inflammation in rural Malawi children.  
**Microbiome** , Volume: 3 2015 Sep 3  
 Authors Ordiz MI,May TD,Mihindukulasuriya K,Martin J,Crowley J,Tarr PI,Ryan K,Mortimer E,Gopalsamy G,Maleta K,Mitreva M,Young G,Manary MJ
- Saccharomyces boulardii* CNCM I-745 supports regeneration of the intestinal microbiota after diarrheic dysbiosis - a review.  
**Clinical and experimental gastroenterology** , Volume: 8 2015  
 Authors Moré MI,Swidsinski A
- Probiotic *Bifidobacterium longum* alters gut luminal metabolism through modification of the gut microbial community.  
**Scientific reports** , Volume: 5 2015 Aug 28  
 Authors Sugahara H,Odumaki T,Fukuda S,Kato T,Xiao JZ,Abe F,Kikuchi J,Ohno H
- Equol status and changes in fecal microbiota in menopausal women receiving long-term treatment for menopause symptoms with a soy-isoflavone concentrate.  
**Frontiers in microbiology** , Volume: 6 2015  
 Authors Guadamuro L,Delgado S,Redruello B,Flórez AB,Suárez A,Martínez-Camblor P,Mayo B
- Characterization of the Intestinal *Lactobacilli* Community following Galactooligosaccharides and Polydextrose Supplementation in the Neonatal Piglet.  
**PloS one** , Volume: 10 Issue: 8 2015  
 Authors Hoeflinger JL,Kashtanov DO,Cox SB,Dowd SE,Jouni ZE,Donovan SM,Miller MJ
- TLC-Direct Bioautography as a Bioassay Guided Method for Investigation of Antibacterial Compounds in *Hypericum perforatum* L.  
**Journal of AOAC International** , Volume: 98 Issue: 4 2015 Jul-Aug  
 Authors Jesionek W,Móricz ÁM,Alberti Á,Ott PG,Kocsis B,Horváth G,Choma IM
- Effect of starch source (corn, oats or wheat) and concentration on fermentation by equine faecal microbiota in vitro.  
**Journal of applied microbiology** , Volume: 119 Issue: 5 2015 Nov  
 Authors Harlow BE,Donley TM,Lawrence LM,Flythe MD
- In vitro and in vivo examination of anticolonization of pathogens by *Lactobacillus paracasei* FJ861111.1  
**Journal of dairy science** , Volume: 98 Issue: 10 2015 Oct  
 Authors Deng K,Chen T,Wu Q,Xin H,Wei Q,Hu P,Wang X,Wang X,Wei H,Shah NP
- Sex differences in gut fermentation and immune parameters in rats fed an oligofructose-supplemented diet.  
**Biology of sex differences** , Volume: 6 2015  
 Authors Shastri P,McCarville J,Kalmokoff M,Brooks SP,Green-Johnson JM

[Effect of daily intake of pomegranate juice on fecal microbiota and feces metabolites from healthy volunteers.](#)

**Molecular nutrition & food research** , Volume: 59 Issue: 10 2015 Oct

Authors Mosele JI,Gosalbes MJ,Macià A,Rubió L,Vázquez-Castellanos JF,Jiménez Hernández N,Moya A,Latorre A,Motilva MJ

[Agave Inulin Supplementation Affects the Fecal Microbiota of Healthy Adults Participating in a Randomized, Double-Blind, Placebo-Controlled, Crossover Trial.](#)

**The Journal of nutrition** , Volume: 145 Issue: 9 2015 Sep

Authors Holscher HD,Bauer LL,Gourineni V,Pelkman CL,Fahey GC Jr,Swanson KS

[Pomegranate extract induces ellagitannin metabolite formation and changes stool microbiota in healthy volunteers.](#)

**Food & function** , Volume: 6 Issue: 8 2015 Aug

Authors Li Z,Henning SM,Lee RP,Lu QY,Summanen PH,Thames G,Corbett K,Downes J,Tseng CH,Finegold SM,Heber D

[Modulation of gut microbiota in rats fed high-fat diets by processing whole-grain barley to barley malt.](#)

**Molecular nutrition & food research** , Volume: 59 Issue: 10 2015 Oct

Authors Zhong Y,Nyman M,Fåk F

[Wheat and barley differently affect porcine intestinal microbiota.](#)

**Journal of the science of food and agriculture** , Volume: 96 Issue: 6 2016 Apr

Authors Weiss E,Aumiller T,Spindler HK,Rosenfelder P,Eklund M,Witzig M,Jørgensen H,Bach Knudsen KE,Mosenthin R

[In vitro probiotic characteristics of Lactobacillus plantarum ZDY 2013 and its modulatory effect on gut microbiota of mice.](#)

**Journal of dairy science** , Volume: 98 Issue: 9 2015 Sep

Authors Huang R,Tao X,Wan C,Li S,Xu H,Xu F,Shah NP,Wei H

[In vitro characterisation of the fermentation profile and prebiotic capacity of gold-fleshed kiwifruit.](#)

**Beneficial microbes** , Volume: 6 Issue: 6 2015

Authors Blatchford P,Bentley-Hewitt KL,Stoklosinski H,McGhie T,Gearry R,Gibson G,Ansell J

[In Vitro Effects of Dietary Inulin on Human Fecal Microbiota and Butyrate Production.](#)

**Journal of microbiology and biotechnology** , Volume: 25 Issue: 9 2015 Sep

Authors Jung TH,Jeon WM,Han KS

[Antimicrobial Activity of Pomegranate and Green Tea Extract on Propionibacterium Acnes, Propionibacterium Granulosum, Staphylococcus Aureus and Staphylococcus Epidermidis.](#)

**Journal of drugs in dermatology : JDD** , Volume: 14 Issue: 6 2015 Jun

Authors Li Z,Summanen PH,Downes J,Corbett K,Komoriya T,Henning SM,Kim J,Finegold SM

[Antimicrobial Impacts of Essential Oils on Food Borne-Pathogens.](#)

**Recent patents on food, nutrition & agriculture** , Volume: 7 Issue: 1 2015

Authors Ozogul Y,Kuley E,Ucar Y,Ozogul F

[Pomegranate ellagitannins stimulate growth of gut bacteria in vitro: Implications for prebiotic and metabolic effects.](#)

**Anaerobe** , Volume: 34 2015 Aug

Authors Li Z,Summanen PH,Komoriya T,Henning SM,Lee RP,Carlson E,Heber D,Finegold SM

[Antibacterial, Antifungal and antioxidant activities of some medicinal plants.](#)

**Pakistan journal of pharmaceutical sciences** , Volume: 27 Issue: 6 Spec No. 2014 Nov

Authors Wazir A,Mehjabeen -,Jahan N,Sherwani SK,Ahmad M

[Interactions between Diet, Bile Acid Metabolism, Gut Microbiota, and Inflammatory Bowel Diseases.](#)

**Digestive diseases (Basel, Switzerland)** , Volume: 33 Issue: 3 2015

Authors Devkota S,Chang EB

[Review article: dietary fibre-microbiota interactions.](#)

**Alimentary pharmacology & therapeutics** , Volume: 42 Issue: 2 2015 Jul

Authors Simpson HL,Campbell BJ

[Antimicrobial activity and chemical composition of the essential oils of Portuguese Foeniculum vulgare fruits.](#)

**Natural product communications** , Volume: 10 Issue: 4 2015 Apr

Authors Mota AS,Martins MR,Arantes S,Lopes VR,Bettencourt E,Pombal S,Gomes AC,Silva LA

[Bacillus coagulans GBI-30, 6086 Modulates Faecalibacterium prausnitzii in Older Men and Women.](#)

**The Journal of nutrition** , Volume: 145 Issue: 7 2015 Jul

Authors Nyangale EP,Farmer S,Cash HA,Keller D,Chernoff D,Gibson GR

[Design of a papain immobilized antimicrobial food package with curcumin as a crosslinker.](#)

**PloS one** , Volume: 10 Issue: 4 2015

Authors Manohar CM,Prabhawathi V,Sivakumar PM,Doble M

[Antimicrobial activity of bismuth subsalicylate on Clostridium difficile, Escherichia coli O157:H7, norovirus, and other common enteric pathogens.](#)

**Gut microbes** , Volume: 6 Issue: 2 2015

Authors Pitz AM,Park GW,Lee D,Boissy YL,Vinje J

[Effects of Probiotics on Gut Microbiota in Patients with Inflammatory Bowel Disease: A Double-blind, Placebo-controlled](#)

**Clinical Trial.**

**The Korean journal of gastroenterology = Taehan Sohwagi Hakhoe chi** , Volume: 65 Issue: 4 2015 Apr

Authors Shadnough M,Hosseini RS,Khalilnezhad A,Navai L,Goudarzi H,Vaezjalali M

Antifungal and antibacterial metabolites from a French poplar type propolis.

**Evidence-based complementary and alternative medicine : eCAM** , Volume: 2015 2015

Authors Boisard S,Le Ray AM,Landreau A,Kempf M,Cassisa V,Flurin C,Richomme P

Effects of two whole-grain barley varieties on caecal SCFA, gut microbiota and plasma inflammatory markers in rats consuming low- and high-fat diets.

**The British journal of nutrition** , Volume: 113 Issue: 10 2015 May 28

Authors Zhong Y,Marungruang N,Fåk F,Nyman M

Comparative in vitro fermentations of cranberry and grape seed polyphenols with colonic microbiota.

**Food chemistry** , Volume: 183 2015 Sep 15

Authors Sánchez-Patán F,Barroso E,van de Wiele T,Jiménez-Girón A,Martín-Alvarez PJ,Moreno-Arribas MV,Martínez-Cuesta MC,Peláez C,Requena T,Bartolomé B

Empirical prediction and validation of antibacterial inhibitory effects of various plant essential oils on common pathogenic bacteria.

**International journal of food microbiology** , Volume: 202 2015 Jun 2

Authors Akdemir Evrendilek G

Characteristics of Metroxylon sagu resistant starch type III as prebiotic substance.

**Journal of food science** , Volume: 80 Issue: 4 2015 Apr

Authors Zi-Ni T,Rosma A,Napisah H,Karim AA,Liong MT

Red wine consumption is associated with fecal microbiota and malondialdehyde in a human population.

**Journal of the American College of Nutrition** , Volume: 34 Issue: 2 2015

Authors Cuervo A,Reyes-Gavilán CG,Ruas-Madiedo P,Lopez P,Suarez A,Gueimonde M,González S

Effect of specific amino acids on hepatic lipid metabolism in fructose-induced non-alcoholic fatty liver disease.

**Clinical nutrition (Edinburgh, Scotland)** , Volume: 35 Issue: 1 2016 Feb

Authors Jegatheesan P,Beutheu S,Ventura G,Sarfati G,Nubret E,Kapel N,Waligora-Dupriet AJ,Bergheim I,Cynober L,De-Bandt JP

Cocktails of probiotics pre-adapted to multiple stress factors are more robust under simulated gastrointestinal conditions than their parental counterparts and exhibit enhanced antagonistic capabilities against Escherichia coli and Staphylococcus aureus.

**Gut pathogens** , Volume: 7 2015

Authors Mathipa MG,Thantsha MS

Pilot dietary intervention with heat-stabilized rice bran modulates stool microbiota and metabolites in healthy adults.

**Nutrients** , Volume: 7 Issue: 2 2015 Feb 16

Authors Sheflin AM,Borresen EC,Wdowik MJ,Rao S,Brown RJ,Heuberger AL,Broeckling CD,Weir TL,Ryan EP

Probiotic potential of lactobacillus strains isolated from sorghum-based traditional fermented food.

**Probiotics and antimicrobial proteins** , Volume: 7 Issue: 2 2015 Jun

Authors Rao KP,Chennappa G,Suraj U,Nagaraja H,Raj AP,Sreenivasa MY

Chemical composition and antibacterial activities of seven Eucalyptus species essential oils leaves.

**Biological research** , Volume: 48 Issue: 1 2015 Jan 19

Authors Sebei K,Sakouhi F,Herchi W,Khouja ML,Boukhchina S

In vitro fermentation of fructooligosaccharides with human gut bacteria.

**Food & function** , Volume: 6 Issue: 3 2015 Mar

Authors Mao B,Li D,Zhao J,Liu X,Gu Z,Chen YQ,Zhang H,Chen W

The impact of oral consumption of Lactobacillus plantarum P-8 on faecal bacteria revealed by pyrosequencing.

**Beneficial microbes** , Volume: 6 Issue: 4 2015

Authors Kwok LY,Guo Z,Zhang J,Wang L,Qiao J,Hou Q,Zheng Y,Zhang H

Fecal microbiota composition of breast-fed infants is correlated with human milk oligosaccharides consumed.

**Journal of pediatric gastroenterology and nutrition** , Volume: 60 Issue: 6 2015 Jun

Authors Wang M,Li M,Wu S,Lebrilla CB,Chapkin RS,Ivanov I,Donovan SM

Whole-grain wheat consumption reduces inflammation in a randomized controlled trial on overweight and obese subjects with unhealthy dietary and lifestyle behaviors: role of polyphenols bound to cereal dietary fiber.

**The American journal of clinical nutrition** , Volume: 101 Issue: 2 2015 Feb

Authors Vitaglione P,Mennella I,Ferracane R,Rivellese AA,Giacco R,Ercolini D,Gibbons SM,La Storia A,Gilbert JA,Jonnalagadda S,Thielecke F,Gallo MA,Scalfi L,Fogliano V

Orally disintegrating films containing propolis: properties and release profile.

**Journal of pharmaceutical sciences** , Volume: 104 Issue: 4 2015 Apr

Authors Borges JG,De Carvalho RA

Dietary *Enterococcus faecalis* LAB31 improves growth performance, reduces diarrhea, and increases fecal *Lactobacillus* number of weaned piglets.

**PloS one** , Volume: 10 Issue: 1 2015

Authors Hu Y,Dun Y,Li S,Zhang D,Peng N,Zhao S,Liang Y

Bioanalytical evaluation of *Cinnamomum zeylanicum* essential oil.

**Natural product research** , Volume: 29 Issue: 19 2015

Authors Saleem M,Bhatti HN,Jilani MI,Hanif MA

Modulation of the intestinal microbiota is associated with lower plasma cholesterol and weight gain in hamsters fed chardonnay grape seed flour.

**Journal of agricultural and food chemistry** , Volume: 63 Issue: 5 2015 Feb 11

Authors Kim H,Kim DH,Seo KH,Chon JW,Nah SY,Bartley GE,Arvik T,Lipson R,Yokoyama W

Metagenomic insights into the effects of fructo-oligosaccharides (FOS) on the composition of fecal microbiota in mice.

**Journal of agricultural and food chemistry** , Volume: 63 Issue: 3 2015 Jan 28

Authors Mao B,Li D,Zhao J,Liu X,Gu Z,Chen YQ,Zhang H,Chen W

Nanoliposomes containing *Eucalyptus citriodora* as antibiotic with specific antimicrobial activity.

**Chemical communications (Cambridge, England)** , Volume: 51 Issue: 13 2015 Feb 14

Authors Lin L,Cui H,Zhou H,Zhang X,Bortolini C,Chen M,Liu L,Dong M

Nature of the antimicrobial activity of *Lactobacillus casei*, *Bifidobacterium bifidum* and *Bifidobacterium animalis* against foodborne pathogenic and spoilage microorganisms.

**Natural product research** , Volume: 29 Issue: 22 2015

Authors de Oliveira CP,da Silva JA,de Siqueira-Júnior JP

In situ prebiotics for weaning piglets: in vitro production and fermentation of potato galacto-rhamnogalacturonan.

**Applied and environmental microbiology** , Volume: 81 Issue: 5 2015 Mar

Authors Strube ML,Ravn HC,Ingerslev HC,Meyer AS,Boye M

Antibacterial activity and mode of action of the *Artemisia capillaris* essential oil and its constituents against respiratory tract infection-causing pathogens.

**Molecular medicine reports** , Volume: 11 Issue: 4 2015 Apr

Authors Yang C,Hu DH,Feng Y

In-vitro screening of Malaysian honey from different floral sources for antibacterial activity on human pathogenic bacteria.

**African journal of traditional, complementary, and alternative medicines : AJTCAM** , Volume: 11 Issue: 2 2014

Authors Ng WJ,Ken KW,Kumar RV,Gunasagaran H,Chandramogan V,Lee YY

Arabinoxylan in wheat is more responsible than cellulose for promoting intestinal barrier function in weaned male piglets.

**The Journal of nutrition** , Volume: 145 Issue: 1 2015 Jan

Authors Chen H,Wang W,Degroote J,Possemiers S,Chen D,De Smet S,Michiels J

[The antibacterial activity of cinnamon oil on the selected gram-positive and gram-negative bacteria].

**Medycyna doświadczalna i mikrobiologia** , Volume: 66 Issue: 2 2014

Authors Urbaniak A,Głowacka A,Kowalczyk E,Lysakowska M,Sienkiewicz M

Chemically defined diet alters the protective properties of fructo-oligosaccharides and isomalto-oligosaccharides in HLA-B27 transgenic rats.

**PloS one** , Volume: 9 Issue: 11 2014

Authors Koleva P,Ketabi A,Valcheva R,Gänzle MG,Dieleman LA

In vitro fermentation of lactulose by human gut bacteria.

**Journal of agricultural and food chemistry** , Volume: 62 Issue: 45 2014 Nov 12

Authors Mao B,Li D,Zhao J,Liu X,Gu Z,Chen YQ,Zhang H,Chen W

Modulation of fecal Clostridiales bacteria and butyrate by probiotic intervention with *Lactobacillus paracasei* DG varies among healthy adults.

**The Journal of nutrition** , Volume: 144 Issue: 11 2014 Nov

Authors Ferrario C,Taverniti V,Milani C,Fiore W,Laureati M,De Noni I,Stuknyte M,Chouaia B,Riso P,Guglielmetti S

Prebiotic effect of an infant formula supplemented with galacto-oligosaccharides: randomized multicenter trial.

**Journal of the American College of Nutrition** , Volume: 33 Issue: 5 2014

Authors Giovannini M,Verduci E,Gregori D,Ballali S,Soldi S,Ghisleni D,Riva E,PLAGOS Trial Study Group.

Assessment of Bioautography and Spot Screening of TLC of Green Tea (*Camellia*) Plant Extracts as Antibacterial and Antioxidant Agents

**Indian Journal of Pharmaceutical Sciences** , Volume: 76 Issue: 4 2014 Jul-Aug

Authors Bashir S,Khan BM,Babar M,Andleeb S,Hafeez M,Ali S,Khan MF

Active dry *Saccharomyces cerevisiae* can alleviate the effect of subacute ruminal acidosis in lactating dairy cows.

**Journal of dairy science** , Volume: 97 Issue: 12 2014 Dec

Authors AlZahal O,Dionissopoulos L,Laarman AH,Walker N,McBride BW

Use of selected lactic acid bacteria in the eradication of Helicobacter pylori infection.

**Journal of microbiology (Seoul, Korea) , Volume: 52 Issue: 11 2014 Nov**

Authors Kim JE,Kim MS,Yoon YS,Chung MJ,Yum DY

Natural control of bacteria affecting meat quality by a neem (Azadirachta indica A. Juss) cake extract.

**Natural product research , Volume: 29 Issue: 10 2015**

Authors Del Serrone P,Failla S,Nicoletti M

Effect of Bacillus subtilis C-3102 spores as a probiotic feed supplement on growth performance, noxious gas emission, and intestinal microflora in broilers.

**Poultry science , Volume: 93 Issue: 12 2014 Dec**

Authors Jeong JS,Kim IH

Total Phenolic Content and Antibacterial Activity of Five Plants of Labiatae against Four Foodborne and Some Other Bacteria.

**Iranian journal of pharmaceutical research : IJPR , Volume: 13 Issue: 2 2014 Spring**

Authors Mahboubi A,Kamalinejad M,Ayatollahi AM,Babaeian M

Dietary supplementation with soybean oligosaccharides increases short-chain fatty acids but decreases protein-derived catabolites in the intestinal luminal content of weaned Huanjiang mini-piglets.

**Nutrition research (New York, N.Y.) , Volume: 34 Issue: 9 2014 Sep**

Authors Zhou XL,Kong XF,Lian GQ,Blachier F,Geng MM,Yin YL

Effect of prebiotics on the fecal microbiota of elderly volunteers after dietary supplementation of Bacillus coagulans GBI-30, 6086.

**Anaerobe , Volume: 30 2014 Dec**

Authors Nyangale EP,Farmer S,Keller D,Chernoff D,Gibson GR

In vitro antimicrobial activity of Pistacia lentiscus L. edible oil and phenolic extract.

**Natural product research , Volume: 29 Issue: 6 2015**

Authors Mezni F,Aouadhi C,Khouja ML,Khaldi A,Maaroufi A

Synbiotic Lactobacillus acidophilus NCFM and cellobiose does not affect human gut bacterial diversity but increases abundance of lactobacilli, bifidobacteria and branched-chain fatty acids: a randomized, double-blinded cross-over trial.

**FEMS microbiology ecology , Volume: 90 Issue: 1 2014 Oct**

Authors van Zanten GC,Krych L,Röytiö H,Forssten S,Lahtinen SJ,Abu Al-Soud W,Sørensen S,Svensson B,Jespersen L,Jakobsen M

Longitudinal shifts in bacterial diversity and fermentation pattern in the rumen of steers grazing wheat pasture.

**Anaerobe , Volume: 30 2014 Dec**

Authors Pitta DW,Pinchak WE,Dowd S,Dorton K,Yoon I,Min BR,Fulford JD,Wickersham TA,Malinowski DP

High-level antimicrobial efficacy of representative Mediterranean natural plant extracts against oral microorganisms.

**BioMed research international , Volume: 2014 2014**

Authors Karygianni L,Cecere M,Skaltsounis AL,Argyropoulou A,Hellwig E,Aligiannis N,Wittmer A,Al-Ahmad A

Effect of Feeding Bacillus subtilis natto on Hindgut Fermentation and Microbiota of Holstein Dairy Cows.

**Asian-Australasian journal of animal sciences , Volume: 27 Issue: 4 2014 Apr**

Authors Song DJ,Kang HY,Wang JQ,Peng H,Bu DP

Effect of oral consumption of probiotic Lactobacillus planatarum P-8 on fecal microbiota, SIgA, SCFAs, and TBAs of adults of different ages.

**Nutrition (Burbank, Los Angeles County, Calif.) , Volume: 30 Issue: 7-8 2014 Jul-Aug**

Authors Wang L,Zhang J,Guo Z,Kwok L,Ma C,Zhang W,Lv Q,Huang W,Zhang H

Effects of probiotic Enterococcus faecium and Saccharomyces cerevisiae on the faecal microflora of pet rabbits.

**The Journal of small animal practice , Volume: 55 Issue: 9 2014 Sep**

Authors Benato L,Hastie P,O`Shaughnessy P,Murray JA,Meredith A

Effects of diet on gut microbiota profile and the implications for health and disease.

**Bioscience of microbiota, food and health , Volume: 32 Issue: 1 2013**

Authors Lee YK

Exploring the effects of galacto-oligosaccharides on the gut microbiota of healthy adults receiving amoxicillin treatment.

**The British journal of nutrition , Volume: 112 Issue: 4 2014 Aug 28**

Authors Ladirat SE,Schoterman MH,Rahaoui H,Mars M,Schuren FH,Gruppen H,Nauta A,Schols HA

Analysis of interaction property of calycosin-7-O-β-D-glucoside with human gut microbiota.

**Journal of chromatography. B, Analytical technologies in the biomedical and life sciences , Volume: 963 2014 Jul 15**

Authors Zhang W,Jiang S,Qian D,Shang EX,Duan JA

Effects of natural honey on polymicrobial culture of various human pathogens.

**Archives of medical science : AMS , Volume: 10 Issue: 2 2014 May 12**

Authors Al-Waili NS,Al-Waili FS,Akmal M,Ali A,Salom KY,Al Ghamdi AA

Effect of methylglyoxal on multidrug-resistant *Pseudomonas aeruginosa*.

**Frontiers in microbiology** , Volume: 5 2014

Authors Hayashi K,Fukushima A,Hayashi-Nishino M,Nishino K

Efficacy of Papacarie(®) in reduction of residual bacteria in deciduous teeth: a randomized, controlled clinical trial.

**Clinics (Sao Paulo, Brazil)** , Volume: 69 Issue: 5 2014

Authors Motta LJ,Bussadori SK,Campanelli AP,Silva AL,Alfaya TA,Godoy CH,Navarro MF

Synergetic antimicrobial effects of mixtures of ethiopian honeys and ginger powder extracts on standard and resistant clinical bacteria isolates.

**Evidence-based complementary and alternative medicine : eCAM** , Volume: 2014 2014

Authors Ewnetu Y,Lemma W,Birhane N

Lactobacillus plantarum IFPL935 impacts colonic metabolism in a simulator of the human gut microbiota during feeding with red wine polyphenols.

**Applied microbiology and biotechnology** , Volume: 98 Issue: 15 2014 Aug

Authors Barroso E, Van de Wiele T, Jiménez-Girón A, Muñoz-González I, Martín-Alvarez PJ, Moreno-Arribas MV, Bartolomé B, Peláez C, Martínez-Cuesta MC, Requena T

Effects of resveratrol on gut microbiota and fat storage in a mouse model with high-fat-induced obesity.

**Food & function** , Volume: 5 Issue: 6 2014 Jun

Authors Qiao Y, Sun J, Xia S, Tang X, Shi Y, Le G

Anti-staphylococcal activity of C-methyl flavanones from propolis of Australian stingless bees (*Tetragonula carbonaria*) and fruit resins of *Corymbia torelliana* (Myrtaceae).

**Fitoterapia** , Volume: 95 2014 Jun

Authors Massaro CF, Katouli M, Grkovic T, Vu H, Quinn RJ, Heard TA, Carvalho C, Manley-Harris M, Wallace HM, Brooks P

454 pyrosequencing reveals changes in the faecal microbiota of adults consuming *Lactobacillus casei* Zhang.

**FEMS microbiology ecology** , Volume: 88 Issue: 3 2014 Jun

Authors Zhang J, Wang L, Guo Z, Sun Z, Gesudu Q, Kwok L, Menghebilige, Zhang H

Effects of *Lactobacillus plantarum* on production performance, immune characteristics, antioxidant status, and intestinal microflora of bursin-immunized broilers.

**Canadian journal of microbiology** , Volume: 60 Issue: 4 2014 Apr

Authors Shen X, Yi D, Ni X, Zeng D, Jing B, Lei M, Bian Z, Zeng Y, Li T, Xin J

A comparison of the anti-Staphylococcus aureus activity of extracts from commonly used medicinal plants.

**Journal of alternative and complementary medicine (New York, N.Y.)** , Volume: 20 Issue: 5 2014 May

Authors Snowden R, Harrington H, Morrill K, Jeane L, Garrity J, Orian M, Lopez E, Rezaie S, Hassberger K, Familoni D, Moore J, Virdee K, Albornoz-Sanchez L, Walker M, Cavins J, Russell T, Guse E, Reker M, Tschudy O, Wolf J, True T, Ukaegbu O, Ahaghotu E, Jones A, Polanco S, Rochon Y, Waters R, Langland J

Antibacterial effect of Iranian green-tea-containing mouthrinse vs chlorhexidine 0.2%: an in vitro study.

**Oral health & preventive dentistry** , Volume: 12 Issue: 2 2014

Authors Ardakani MR, Golmohammadi S, Ayremlou S, Taheri S, Daneshvar S, Meimandi M

Changes chemopreventive markers in colorectal cancer development after inulin supplementation.

**Bratislavske lekarske listy** , Volume: 115 Issue: 2 2014

Authors Hijova E, Szabadosova V, Strojny L, Bomba A

Evaluation of antibacterial activity of crude protein extracts from seeds of six different medical plants against standard bacterial strains.

**Saudi journal of biological sciences** , Volume: 21 Issue: 2 2014 Apr

Authors Al Akeel R, Al-Sheikh Y, Mateen A, Syed R, Janardhan K, Gupta VC

RNA-stable-isotope probing shows utilization of carbon from inulin by specific bacterial populations in the rat large bowel.

**Applied and environmental microbiology** , Volume: 80 Issue: 7 2014 Apr

Authors Tannock GW, Lawley B, Munro K, Sims IM, Lee J, Butts CA, Roy N

*Lactobacillus paracasei* subsp. *paracasei* LC01 positively modulates intestinal microflora in healthy young adults.

**Journal of microbiology (Seoul, Korea)** , Volume: 51 Issue: 6 2013 Dec

Authors Zhang H, Sun J, Liu X, Hong C, Zhu Y, Liu A, Li S, Guo H, Ren F

Dietary supplementation with lactose or artificial sweetener enhances swine gut *Lactobacillus* population abundance.

**The British journal of nutrition** , Volume: 111 Suppl 1 2014 Jun

Authors Daly K, Darby AC, Hall N, Nau A, Bravo D, Shirazi-Beechey SP

Comparative evaluation of the activity of plant infusions against *Helicobacter pylori* strains by three methods.

**World journal of microbiology & biotechnology** , Volume: 30 Issue: 5 2014 May

Authors Boyanova L

Antibacterial potential of hydroalcoholic extracts of triphala components against multidrug-resistant uropathogenic bacteria-a preliminary report.

**Indian journal of experimental biology** , Volume: 51 Issue: 9 2013 Sep

Authors Bag A,Bhattacharyya SK,Pal NK

Antibacterial, antifungal and antioxidant activities of honey collected from Timergara (Dir, Pakistan).

**Pakistan journal of pharmaceutical sciences** , Volume: 27 Issue: 1 2014 Jan

Authors Zahoor M,Naz S,Sangeen M

Prebiotic effects of almonds and almond skins on intestinal microbiota in healthy adult humans.

**Anaerobe** , Volume: 26 2014 Apr

Authors Liu Z,Lin X,Huang G,Zhang W,Rao P,Ni L

Additional oligofructose/inulin does not increase faecal bifidobacteria in critically ill patients receiving enteral nutrition: a randomised controlled trial.

**Clinical nutrition (Edinburgh, Scotland)** , Volume: 33 Issue: 6 2014 Dec

Authors Majid HA,Cole J,Emery PW,Whelan K

Study on antibacterial effect of medlar and hawthorn compound extract in vitro.

**African journal of traditional, complementary, and alternative medicines : AJTCAM** , Volume: 10 Issue: 3 2013

Authors Niu Y,Nan Y,Yuan L,Wang R

Effects of a probiotic, Enterococcus faecium, on growth performance, intestinal morphology, immune response, and cecal microflora in broiler chickens challenged with Escherichia coli K88.

**Poultry science** , Volume: 92 Issue: 11 2013 Nov

Authors Cao GT,Zeng XF,Chen AG,Zhou L,Zhang L,Xiao YP,Yang CM

The impact of high dietary zinc oxide on the development of the intestinal microbiota in weaned piglets.

**FEMS microbiology ecology** , Volume: 87 Issue: 2 2014 Feb

Authors Starke IC,Pieper R,Neumann K,Zentek J,Vahjen W

Role of probiotics in the prevention and treatment of meticillin-resistant Staphylococcus aureus infections.

**International journal of antimicrobial agents** , Volume: 42 Issue: 6 2013 Dec

Authors Sikorska H,Smoragiewicz W

Antioxidant, antibacterial and ACE-inhibitory activity of four monofloral honeys in relation to their chemical composition.

**Food & function** , Volume: 4 Issue: 11 2013 Nov

Authors León-Ruiz V,González-Porto AV,Al-Habsi N,Vera S,San Andrés MP,Jauregi P

Probiotic features of two oral Lactobacillus isolates.

**Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology]** , Volume: 43 Issue: 1 2012 Jan

Authors Zavisic G,Petricevic S,Radulovic Z,Begovic J,Golic N,Topisirovic L,Strahinic I

Effects of inulin and di-D-fructose dianhydride-enriched caramels on intestinal microbiota composition and performance of broiler chickens.

**Animal : an international journal of animal bioscience** , Volume: 7 Issue: 11 2013 Nov

Authors Peinado MJ,Echávarri A,Ruiz R,Suárez-Pereira E,Ortiz Mellet C,García Fernández JM,Rubio LA

Utilization of major fucosylated and sialylated human milk oligosaccharides by isolated human gut microbes.

**Glycobiology** , Volume: 23 Issue: 11 2013 Nov

Authors Yu ZT,Chen C,Newburg DS

Kiwifruit (Actinidia deliciosa) changes intestinal microbial profile.

**Microbial ecology in health and disease** , Volume: 23 2012

Authors Lee YK,Low KY,Siah K,Drummond LM,Gwee KA

Functional ginger extracts from supercritical fluid carbon dioxide extraction via in vitro and in vivo assays: antioxidation, antimicroorganism, and mice xenografts models.

**TheScientificWorldJournal** , Volume: 2013 2013

Authors Lee CC,Chiou LY,Wang JY,Chou SY,Lan JC,Huang TS,Huang KC,Wang HM

Dietary grape seed extract ameliorates symptoms of inflammatory bowel disease in IL10-deficient mice.

**Molecular nutrition & food research** , Volume: 57 Issue: 12 2013 Dec

Authors Wang H,Xue Y,Zhang H,Huang Y,Yang G,Du M,Zhu MJ

Extraction, gas chromatography-mass spectrometry analysis and screening of fruits of Terminalia chebula Retz. for its antimicrobial potential.

**Pharmacognosy research** , Volume: 5 Issue: 3 2013 Jul

Authors Singh G,Kumar P

Lowbush wild blueberries have the potential to modify gut microbiota and xenobiotic metabolism in the rat colon.

**PloS one** , Volume: 8 Issue: 6 2013

Authors Lacombe A,Li RW,Klimis-Zacas D,Kristo AS,Tadepalli S,Krauss E,Young R,Wu VC

Effects of microencapsulated Enterococcus faecalis CG1.0007 on growth performance, antioxidation activity, and intestinal microbiota in broiler chickens.

**Journal of animal science** , Volume: 91 Issue: 9 2013 Sep

Authors Han W,Zhang XL,Wang DW,Li LY,Liu GL,Li AK,Zhao YX

[In vitro evaluation of Portuguese propolis and floral sources for antiprotozoal, antibacterial and antifungal activity.](#)

**Phytotherapy research : PTR** , Volume: 28 Issue: 3 2014 Mar

Authors Falcão SI,Vale N,Cos P,Gomes P,Freire C,Maes L,Vilas-Boas M

[Phytochemical Screening and Antimicrobial Activity of Some Medicinal Plants Against Multi-drug Resistant Bacteria from Clinical Isolates.](#)

**Indian journal of pharmaceutical sciences** , Volume: 74 Issue: 5 2012 Sep

Authors Dahiya P,Purkayastha S

[Effects of vanillin, quillaja saponin, and essential oils on in vitro fermentation and protein-degrading microorganisms of the rumen.](#)

**Applied microbiology and biotechnology** , Volume: 98 Issue: 2 2014 Jan

Authors Patra AK,Yu Z

[Effect of acute and chronic red wine consumption on lipopolysaccharide concentrations.](#)

**The American journal of clinical nutrition** , Volume: 97 Issue: 5 2013 May

Authors Clemente-Postigo M,Queipo-Ortuño MI,Boto-Ordoñez M,Coin-Aragüez L,Roca-Rodríguez MM,Delgado-Lista J,Cardona F,Andres-Lacueva C,Tinahones FJ

[Antibacterial activity and mode of action of ferulic and gallic acids against pathogenic bacteria.](#)

**Microbial drug resistance (Larchmont, N.Y.)** , Volume: 19 Issue: 4 2013 Aug

Authors Borges A,Ferreira C,Saavedra MJ,Simões M

[Grain-rich diets differently alter ruminal and colonic abundance of microbial populations and lipopolysaccharide in goats.](#)

**Anaerobe** , Volume: 20 2013 Apr

Authors Metzler-Zebeli BU,Schmitz-Esser S,Klevenhusen F,Podstatzky-Lichtenstein L,Wagner M,Zebeli Q

[Fecal microbial communities of healthy adult dogs fed raw meat-based diets with or without inulin or yeast cell wall extracts as assessed by 454 pyrosequencing.](#)

**FEMS microbiology ecology** , Volume: 84 Issue: 3 2013 Jun

Authors Beloshapka AN,Dowd SE,Suchodolski JS,Steiner JM,Duclos L,Swanson KS

[A diet high in resistant starch modulates microbiota composition, SCFA concentrations, and gene expression in pig intestine.](#)

**The Journal of nutrition** , Volume: 143 Issue: 3 2013 Mar

Authors Haenen D,Zhang J,Souza da Silva C,Bosch G,van der Meer IM,van Arkel J,van den Borne JJ,Pérez Gutiérrez O,Smidt H,Kemp B,Müller M,Hooiveld GJ

[Antibacterial and antimycotic activities of Slovenian honeys.](#)

**British journal of biomedical science** , Volume: 69 Issue: 4 2012

Authors Kuncic MK,Jaklic D,Lapanje A,Gunde-Cimerman N

[In vitro antimicrobial assessment of Cuban propolis extracts.](#)

**Memorias do Instituto Oswaldo Cruz** , Volume: 107 Issue: 8 2012 Dec

Authors Monzote L,Cuesta-Rubio O,Campo Fernandez M,Márquez Hernandez I,Fraga J,Pérez K,Kerstens M,Maes L,Cos P

[The inhibitory effect of polyphenols on human gut microbiota.](#)

**Journal of physiology and pharmacology : an official journal of the Polish Physiological Society** , Volume: 63 Issue: 5 2012 Oct

Authors Duda-Chodak A

[The ongoing battle against multi-resistant strains: in-vitro inhibition of hospital-acquired MRSA, VRE, Pseudomonas, ESBL E. coli and Klebsiella species in the presence of plant-derived antiseptic oils.](#)

**Journal of cranio-maxillo-facial surgery : official publication of the European Association for Cranio-Maxillo-Facial Surgery** , Volume: 41 Issue: 4 2013 Jun

Authors Warnke PH,Lott AJ,Sherry E,Wiltfang J,Podschun R

[Synergistic effects of honey and propolis toward drug multi-resistant Staphylococcus aureus, Escherichia coli and Candida albicans isolates in single and polymicrobial cultures.](#)

**International journal of medical sciences** , Volume: 9 Issue: 9 2012

Authors Al-Waili N,Al-Ghamdi A,Ansari MU,Al-Attal Y,Salom K

[Antibacterial activity of Greek and Cypriot honeys against Staphylococcus aureus and Pseudomonas aeruginosa in comparison to manuka honey.](#)

**Journal of medicinal food** , Volume: 16 Issue: 1 2013 Jan

Authors Anthimidou E,Mossialos D

[In vitro fermentation of commercial  \$\alpha\$ -gluco-oligosaccharide by faecal microbiota from lean and obese human subjects.](#)

**The British journal of nutrition** , Volume: 109 Issue: 11 2013 Jun

Authors Sarbini SR,Kolida S,Gibson GR,Rastall RA

[Effects of oat  \$\beta\$ -glucan and barley  \$\beta\$ -glucan on fecal characteristics, intestinal microflora, and intestinal bacterial metabolites](#)

in rats.

**Journal of agricultural and food chemistry** , Volume: 60 Issue: 45 2012 Nov 14

Authors Shen RL,Dang XY,Dong JL,Hu XZ

Antibacterial activity of various honey types of Algeria against Staphylococcus aureus and Streptococcus pyogenes.

**Asian Pacific journal of tropical medicine** , Volume: 5 Issue: 10 2012 Oct

Authors Moussa A,Nouredine D,Mohamed HS,Abdelmelek M,Saad A

Gut microbiome composition is linked to whole grain-induced immunological improvements.

**The ISME journal** , Volume: 7 Issue: 2 2013 Feb

Authors Martínez I,Lattimer JM,Hubach KL,Case JA,Yang J,Weber CG,Louk JA,Rose DJ,Kyureghian G,Peterson DA,Haub MD,Walter J

Effects of cereal  $\beta$ -glucans and enzyme inclusion on the porcine gastrointestinal tract microbiota.

**Anaerobe** , Volume: 18 Issue: 6 2012 Dec

Authors Murphy P,Bello FD,O'Doherty JV,Arendt EK,Sweeney T,Coffey A

Chemical composition, olfactory analysis and antibacterial activity of Thymus vulgaris chemotypes geraniol, 4-thujanol/terpinen-4-ol, thymol and linalool cultivated in southern France.

**Natural product communications** , Volume: 7 Issue: 8 2012 Aug

Authors Schmidt E,Wanner J,Hliferl M,Jirovetz L,Buchbauer G,Gochev V,Girova T,Stoyanova A,Geissler M

Fermented milk supplemented with probiotics and prebiotics can effectively alter the intestinal microbiota and immunity of host animals.

**Journal of dairy science** , Volume: 95 Issue: 9 2012 Sep

Authors Wang S,Zhu H,Lu C,Kang Z,Luo Y,Feng L,Lu X

Consumption of different soymilk formulations differentially affects the gut microbiomes of overweight and obese men.

**Gut microbes** , Volume: 3 Issue: 6 2012 Nov-Dec

Authors Fernandez-Raudales D,Hoeflinger JL,Bringe NA,Cox SB,Dowd SE,Miller MJ,Gonzalez de Mejia E

The inhibitory activity of tyfified propolis against Enterococcus species.

**Zeitschrift fur Naturforschung. C, Journal of biosciences** , Volume: 67 Issue: 5-6 2012 May-Jun

Authors Moncla BJ,Guevara PW,Wallace JA,Marcucci MC,Nor JE,Bretz WA

Low iron availability in continuous in vitro colonic fermentations induces strong dysbiosis of the child gut microbial consortium and a decrease in main metabolites.

**FEMS microbiology ecology** , Volume: 83 Issue: 1 2013 Jan

Authors Dostal A,Fehlbaum S,Chassard C,Zimmermann MB,Lacroix C

Enzyme deactivation treatments did not decrease the beneficial role of oat food in intestinal microbiota and short-chain fatty acids: an in vivo study.

**Journal of the science of food and agriculture** , Volume: 93 Issue: 3 2013 Feb

Authors Hu X,Xing X,Zhen H

Effect of chito-oligosaccharide on growth performance, intestinal barrier function, intestinal morphology and cecal microflora in weaned pigs.

**Journal of animal science** , Volume: 90 Issue: 8 2012 Aug

Authors Yang CM,Ferket PR,Hong QH,Zhou J,Cao GT,Zhou L,Chen AG

Report: Studies on antibacterial activity of some traditional medicinal plants used in folk medicine.

**Pakistan journal of pharmaceutical sciences** , Volume: 25 Issue: 3 2012 Jul

Authors Israr F,Hassan F,Naqvi BS,Azhar I,Jabeen S,Hasan SM

Antagonistic Action of Lactobacilli and Bifidobacteria in Relation to Staphylococcus aureus and Their Influence on the Immune Response in Cases of Intravaginal Staphylococcosis in Mice.

**Probiotics and antimicrobial proteins** , Volume: 4 Issue: 2 2012 Jun

Authors Lazarenko L,Babenko L,Sichel LS,Pidgorskyi V,Mokrozub V,Voronkova O,Spivak M

Comparative antimicrobial activities of Emblica officinalis and Ocimum sanctum.

**Ancient science of life** , Volume: 27 Issue: 2 2007 Oct

Authors Vijayalakshmi S,Arunkumar V,Anju D,Gunasundari P,Moorthy P,Chandrasekharan AK

Influence of red wine polyphenols and ethanol on the gut microbiota ecology and biochemical biomarkers.

**The American journal of clinical nutrition** , Volume: 95 Issue: 6 2012 Jun

Authors Queipo-Ortuño MI,Boto-Ordóñez M,Murri M,Gomez-Zumaquero JM,Clemente-Postigo M,Estruch R,Cardona Diaz F,Andrés-Lacueva C,Tinahones FJ

The antimicrobial action of chitosan, low molar mass chitosan, and chitooligosaccharides on human colonic bacteria.

**Folia microbiologica** , Volume: 57 Issue: 4 2012 Jul

Authors Simunek J,Brandysová V,Koppová I,Simunek J Jr

Early administration of probiotic Lactobacillus acidophilus and/or prebiotic inulin attenuates pathogen-mediated intestinal inflammation and Smad 7 cell signaling.

**FEMS immunology and medical microbiology** , Volume: 65 Issue: 3 2012 Aug

Authors Foye OT,Huang IF,Chiou CC,Walker WA,Shi HN

[Effect of lactose on gut microbiota and metabolome of infants with cow's milk allergy.](#)

**Pediatric allergy and immunology : official publication of the European Society of Pediatric Allergy and Immunology** , Volume: 23 Issue: 5 2012 Aug

Authors Francavilla R,Calasso M,Calace L,Siragusa S,Ndagijimana M,Vernocchi P,Brunetti L,Mancino G,Tedeschi G,Guerzoni E,Indrio F,Laghi L,Miniello VL,Gobbetti M,De Angelis M

[Microbial composition and in vitro fermentation patterns of human milk oligosaccharides and prebiotics differ between formula-fed and sow-reared piglets.](#)

**The Journal of nutrition** , Volume: 142 Issue: 4 2012 Apr

Authors Li M,Bauer LL,Chen X,Wang M,Kuhlenschmidt TB,Kuhlenschmidt MS,Fahey GC Jr,Donovan SM

[Changes in gut microbiota in children with atopic dermatitis administered the bacteria \*Lactobacillus casei\* DN-114001.](#)

**Polish journal of microbiology** , Volume: 60 Issue: 4 2011

Authors Klewicka E,Cukrowska B,Libudzisz Z,Slizewska K,Motyl I

[Reduction of bacterial volatile sulfur compound production by licoricidin and licorisoflavan A from licorice.](#)

**Journal of breath research** , Volume: 6 Issue: 1 2012 Mar

Authors Tanabe S,Desjardins J,Bergeron C,Gafner S,Villinski JR,Grenier D

[Inulin and fructo-oligosaccharides have divergent effects on colitis and commensal microbiota in HLA-B27 transgenic rats.](#)

**The British journal of nutrition** , Volume: 108 Issue: 9 2012 Nov 14

Authors Koleva PT,Valcheva RS,Sun X,Gänzle MG,Dieleman LA

[Detection of the antibacterial effect of \*Nigella sativa\* ground seeds with water.](#)

**African journal of traditional, complementary, and alternative medicines : AJTCAM** , Volume: 8 Issue: 2 2011

Authors Bakathir HA,Abbas NA

[Grape antioxidant dietary fiber stimulates \*Lactobacillus\* growth in rat cecum.](#)

**Journal of food science** , Volume: 77 Issue: 2 2012 Feb

Authors Pozuelo MJ,Agis-Torres A,Hervet-Hernández D,Elvira López-Oliva M,Muñoz-Martínez E,Rotger R,Goñi I

[Antioxidant, antimicrobial activities and fatty acid components of flower, leaf, stem and seed of \*Hypericum scabrum\*.](#)

**Natural product communications** , Volume: 6 Issue: 11 2011 Nov

Authors Shafaghat A

[Increasing antibiotic activity against a multidrug-resistant \*Acinetobacter\* spp by essential oils of \*Citrus limon\* and](#)

[Cinnamomum zeylanicum.](#)

**Natural product research** , Volume: 26 Issue: 23 2012

Authors Guerra FQ,Mendes JM,Sousa JP,Morais-Braga MF,Santos BH,Melo Coutinho HD,Lima Ede O

[The antimicrobial activity of essential oils and extracts of some medicinal plants grown in Ash-shoubak region - South of Jordan.](#)

**Pakistan journal of pharmaceutical sciences** , Volume: 25 Issue: 1 2012 Jan

Authors Abu-Darwish MS,Al-Ramamneh EA,Kyslychenko VS,Karpiuk UV

[Effect of the oral intake of yogurt containing \*Bifidobacterium longum\* BB536 on the cell numbers of enterotoxigenic \*Bacteroides fragilis\* in microbiota.](#)

**Anaerobe** , Volume: 18 Issue: 1 2012 Feb

Authors Odamaki T,Sugahara H,Yonezawa S,Yaeshima T,Iwatsuki K,Tanabe S,Tominaga T,Togashi H,Benno Y,Xiao JZ

[Isoflavonoids and coumarins from \*Glycyrrhiza uralensis\*: antibacterial activity against oral pathogens and conversion of isoflavans into isoflavan-quinones during purification.](#)

**Journal of natural products** , Volume: 74 Issue: 12 2011 Dec 27

Authors Gafner S,Bergeron C,Villinski JR,Godejohann M,Kessler P,Cardellina JH,Ferreira D,Feghali K,Grenier D

[Six-week consumption of a wild blueberry powder drink increases bifidobacteria in the human gut.](#)

**Journal of agricultural and food chemistry** , Volume: 59 Issue: 24 2011 Dec 28

Authors Vendrame S,Guglielmetti S,Riso P,Arioli S,Klimis-Zacas D,Porrini M

[Effects of non-fermented and fermented soybean milk intake on faecal microbiota and faecal metabolites in humans.](#)

**International journal of food sciences and nutrition** , Volume: 63 Issue: 4 2012 Jun

Authors Inoguchi S,Ohashi Y,Narai-Kanayama A,Aso K,Nakagaki T,Fujisawa T

[Synergistic antimicrobial activities of natural essential oils with chitosan films.](#)

**Journal of agricultural and food chemistry** , Volume: 59 Issue: 23 2011 Dec 14

Authors Wang L,Liu F,Jiang Y,Chai Z,Li P,Cheng Y,Jing H,Leng X

[The effect of probiotics on faecal microbiota and genotoxic activity of faecal water in patients with atopic dermatitis: a randomized, placebo-controlled study.](#)

**Clinical nutrition (Edinburgh, Scotland)** , Volume: 31 Issue: 1 2012 Feb

Authors Roessler A,Forssten SD,Glei M,Ouwehand AC,Jahreis G

In-vitro antimicrobial activity and synergistic/ antagonistic effect of interactions between antibiotics and some spice essential oils.

**Journal of environmental biology** , Volume: 32 Issue: 1 2011 Jan

Authors Toroglu S

Influence of a probiotic soy product on fecal microbiota and its association with cardiovascular risk factors in an animal model.

**Lipids in health and disease** , Volume: 10 2011 Jul 29

Authors Cavallini DC,Suzuki JY,Abdalla DS,Vendramini RC,Pauly-Silveira ND,Roselino MN,Pinto RA,Rossi EA

Effect of liquid whey feeding on fecal microbiota of mature and growing pigs.

**Animal science journal = Nihon chikusan Gakkaiho** , Volume: 82 Issue: 4 2011 Aug

Authors Kobayashi Y,Itoh A,Miyawaki K,Koike S,Iwabuchi O,Iimura Y,Kobashi Y,Kawashima T,Wakamatsu J,Hattori A,Murakami H,Morimatsu F,Nakaebisu T,Hishinuma T

Wheat- and barley-based diets with or without additives influence broiler chicken performance, nutrient digestibility and intestinal microflora.

**Journal of the science of food and agriculture** , Volume: 92 Issue: 1 2012 Jan 15

Authors Rodríguez ML,Rebolé A,Velasco S,Ortiz LT,Treviño J,Alzueta C

Prebiotics: germinated barley foodstuff for the prevention of colitis-associated colon cancer?

**Journal of gastroenterology and hepatology** , Volume: 26 Issue: 8 2011 Aug

Authors Koh SJ,Kim JS

Antibacterial activity in spices and local medicinal plants against clinical isolates of Karachi, Pakistan.

**Pharmaceutical biology** , Volume: 49 Issue: 8 2011 Aug

Authors Ali NH,Faizi S,Kazmi SU

Prunus mume extract exhibits antimicrobial activity against pathogenic oral bacteria.

**International journal of paediatric dentistry** , Volume: 21 Issue: 4 2011 Jul

Authors Seneviratne CJ,Wong RW,Hägg U,Chen Y,Herath TD,Samaranayake PL,Kao R

Cytotoxicity, antiviral and antimicrobial activities of alkaloids, flavonoids, and phenolic acids.

**Pharmaceutical biology** , Volume: 49 Issue: 4 2011 Apr

Authors Özçelik B,Kartal M,Orhan I

Increased dietary zinc oxide changes the bacterial core and enterobacterial composition in the ileum of piglets.

**Journal of animal science** , Volume: 89 Issue: 8 2011 Aug

Authors Vahjen W,Pieper R,Zentek J

Effects of dietary polyphenol-rich grape products on intestinal microflora and gut morphology in broiler chicks.

**Poultry science** , Volume: 90 Issue: 3 2011 Mar

Authors Viveros A,Chamorro S,Pizarro M,Arija I,Centeno C,Brenes A

Antimicrobial activity of a combination of Mume fructus, Schizandrae fructus, and Coptidis rhizoma on enterohemorrhagic Escherichia coli O26, O111, and O157 and its effect on Shiga toxin releases.

**Foodborne pathogens and disease** , Volume: 8 Issue: 5 2011 May

Authors Lee JH,Stein BD

The effects of iron fortification on the gut microbiota in African children: a randomized controlled trial in Cote d'Ivoire.

**The American journal of clinical nutrition** , Volume: 92 Issue: 6 2010 Dec

Authors Zimmermann MB,Chassard C,Rohner F,N'goran EK,Nindjin C,Dostal A,Utzinger J,Ghattas H,Lacroix C,Hurrell RF

[Functional biostructure of colonic microbiota (central fermenting area, germinal stock area and separating mucus layer) in healthy subjects and patients with diarrhea treated with Saccharomyces boulardii].

**Gastroenterologie clinique et biologique** , Volume: 34 Suppl 1 2010 Sep

Authors Swidsinski A,Loening-Baucke V,Kirsch S,Doerffel Y

The antimicrobial efficacy of Fructus mume extract on orthodontic bracket: a monospecies-biofilm model study in vitro.

**Archives of oral biology** , Volume: 56 Issue: 1 2011 Jan

Authors Chen Y,Wong RW,Seneviratne CJ,Hägg U,McGrath C,Samaranayake LP,Kao R

Biodegradable gelatin-chitosan films incorporated with essential oils as antimicrobial agents for fish preservation.

**Food microbiology** , Volume: 27 Issue: 7 2010 Oct

Authors Gómez-Estaca J,López de Lacey A,López-Caballero ME,Gómez-Guillén MC,Montero P

Dominant and diet-responsive groups of bacteria within the human colonic microbiota.

**The ISME journal** , Volume: 5 Issue: 2 2011 Feb

Authors Walker AW,Ince J,Duncan SH,Webster LM,Holtrop G,Ze X,Brown D,Stares MD,Scott P,Bergerat A,Louis P,McIntosh F,Johnstone AM,Lobley GE,Parkhill J,Flint HJ

Preparation of selenium/zinc-enriched probiotics and their effect on blood selenium and zinc concentrations, antioxidant capacities, and intestinal microflora in canine.

**Biological trace element research** , Volume: 141 Issue: 1-3 2011 Jun

Authors Ren Z,Zhao Z,Wang Y,Huang K

Inhibitory effects of Japanese apricot (Prunus mume Siebold et Zucc.; Ume) on Helicobacter pylori-related chronic gastritis.

**European journal of clinical nutrition** , Volume: 64 Issue: 7 2010 Jul

Authors Enomoto S,Yanaoka K,Utsunomiya H,Niwa T,Inada K,Deguchi H,Ueda K,Mukoubayashi C,Inoue I,Maekita T,Nakazawa K,Iguchi M,Arii K,Tamai H,Yoshimura N,Fujishiro M,Oka M,Ichinose M

Dietary cellulose, fructooligosaccharides, and pectin modify fecal protein catabolites and microbial populations in adult cats.

**Journal of animal science** , Volume: 88 Issue: 9 2010 Sep

Authors Barry KA,Wojcicki BJ,Middelbos IS,Vester BM,Swanson KS,Fahey GC Jr

The influence of pomegranate by-product and punicalagins on selected groups of human intestinal microbiota.

**International journal of food microbiology** , Volume: 140 Issue: 2-3 2010 Jun 15

Authors Bialonska D,Ramnani P,Kasimsetty SG,Muntha KR,Gibson GR,Ferreira D

Low levels of faecal lactobacilli in women with iron-deficiency anaemia in south India.

**The British journal of nutrition** , Volume: 104 Issue: 7 2010 Oct

Authors Balamurugan R,Mary RR,Chittaranjan S,Jancy H,Shobana Devi R,Ramakrishna BS

Consumption of human milk oligosaccharides by gut-related microbes.

**Journal of agricultural and food chemistry** , Volume: 58 Issue: 9 2010 May 12

Authors Marcobal A,Barboza M,Froehlich JW,Block DE,German JB,Lebrilla CB,Mills DA

Feed supplementation of Lactobacillus plantarum PCA 236 modulates gut microbiota and milk fatty acid composition in dairy goats—a preliminary study.

**International journal of food microbiology** , Volume: 141 Suppl 1 2010 Jul 31

Authors Maragkoudakis PA,Mountzouris KC,Rosu C,Zoumpopoulou G,Papadimitriou K,Dalaka E,Hadjipetrou A,Theofanous G,Strozzi GP,Carlini N,Zervas G,Tsakalidou E

Effect of apple intake on fecal microbiota and metabolites in humans.

**Anaerobe** , Volume: 16 Issue: 5 2010 Oct

Authors Shinohara K,Ohashi Y,Kawasumi K,Terada A,Fujisawa T

In vitro antimicrobial activity and chemical composition of the essential oil of Foeniculum vulgare Mill.

**Revista medico-chirurgicala a Societatii de Medici si Naturalisti din Iasi** , Volume: 112 Issue: 3 2008 Jul-Sep

Authors Aprotosoia AC,Hancianu M,Poiata A,Tuchilus C,Spac A,Cioana O,Gille E,Stanescu U

In vitro evaluation of the prebiotic properties of almond skins (Amygdalus communis L.).

**FEMS microbiology letters** , Volume: 304 Issue: 2 2010 Mar

Authors Mandalari G,Faulks RM,Bisignano C,Waldron KW,Narbad A,Wickham MS

Probiotics have clinical, microbiologic, and immunologic efficacy in acute infectious diarrhea.

**The Pediatric infectious disease journal** , Volume: 29 Issue: 2 2010 Feb

Authors Chen CC,Kong MS,Lai MW,Chao HC,Chang KW,Chen SY,Huang YC,Chiu CH,Li WC,Lin PY,Chen CJ,Li TY

Evaluation of antimicrobial efficacy of herbal alternatives (Triphala and green tea polyphenols), MTAD, and 5% sodium hypochlorite against Enterococcus faecalis biofilm formed on tooth substrate: an in vitro study.

**Journal of endodontics** , Volume: 36 Issue: 1 2010 Jan

Authors Prabhakar J,Senthilkumar M,Priya MS,Mahalakshmi K,Sehgal PK,Sukumaran VG

Antimicrobial properties of green tea catechins.

**Food science and technology bulletin** , Volume: 2 2005

Authors Taylor PW,Hamilton-Miller JM,Stapleton PD

Comparisons of subgingival microbial profiles of refractory periodontitis, severe periodontitis, and periodontal health using the human oral microbe identification microarray.

**Journal of periodontology** , Volume: 80 Issue: 9 2009 Sep

Authors Colombo AP,Boches SK,Cotton SL,Goodson JM,Kent R,Haffajee AD,Socransky SS,Hasturk H,Van Dyke TE,Dewhirst F,Paster BJ

Characterization and antimicrobial spectrum of bacteriocins produced by lactic acid bacteria isolated from traditional Bulgarian dairy products.

**Journal of applied microbiology** , Volume: 106 Issue: 2 2009 Feb

Authors Simova ED,Beshkova DB,Dimitrov ZhP

Splenda alters gut microflora and increases intestinal p-glycoprotein and cytochrome p-450 in male rats.

**Journal of toxicology and environmental health. Part A** , Volume: 71 Issue: 21 2008

Authors Abou-Donia MB,El-Masry EM,Abdel-Rahman AA,McLendon RE,Schiffman SS

Antioxidant, antihypertensive, and antibacterial properties of endophytic Pestalotiopsis species from medicinal plants.

**Canadian journal of microbiology** , Volume: 54 Issue: 9 2008 Sep

Authors Tejesvi MV,Kini KR,Prakash HS,Subbiah V,Shetty HS

Antibacterial cannabinoids from Cannabis sativa: a structure-activity study.

**Journal of natural products** , Volume: 71 Issue: 8 2008 Aug

**Authors** Appendino G, Gibbons S, Giana A, Pagani A, Grassi G, Stavri M, Smith E, Rahman MM

In vitro effects of selected synbiotics on the human faecal microbiota composition.

**FEMS microbiology ecology** , Volume: 66 Issue: 3 2008 Dec

**Authors** Saulnier DM, Gibson GR, Kolida S

In vitro inhibitory effect of cranberry (*Vaccinium macrocarpum* Ait.) juice on pathogenic microorganisms.

**Prikladnaia biokhimiia i mikrobiologiya** , Volume: 44 Issue: 3 2008 May-Jun

**Authors** Magariños HL, Sahr C, Selaive SD, Costa ME, Figuerola FE, Pizarro OA

Therapeutic potential of two probiotics in inflammatory bowel disease as observed in the trinitrobenzene sulfonic acid model of colitis.

**Diseases of the colon and rectum** , Volume: 51 Issue: 12 2008 Dec

**Authors** Amit-Romach E, Uni Z, Reifen R

Effect of thymol on microbial diversity in the porcine jejunum.

**International journal of food microbiology** , Volume: 126 Issue: 1-2 2008 Aug 15

**Authors** Janczyk P, Trevisi P, Souffrant WB, Bosi P

Exopolysaccharides produced by intestinal *Bifidobacterium* strains act as fermentable substrates for human intestinal bacteria.

**Applied and environmental microbiology** , Volume: 74 Issue: 15 2008 Aug

**Authors** Salazar N, Gueimonde M, Hernández-Barranco AM, Ruas-Madiedo P, de los Reyes-Gavilán CG

Potential prebiotic properties of almond (*Amygdalus communis* L.) seeds.

**Applied and environmental microbiology** , Volume: 74 Issue: 14 2008 Jul

**Authors** Mandalari G, Nueno-Palop C, Bisignano G, Wickham MS, Narbad A

Potential prebiotic properties of almond (*Amygdalus communis* L.) seeds.

**Applied and environmental microbiology** , Volume: 74 Issue: 14 2008 Jul

**Authors** Mandalari G, Nueno-Palop C, Bisignano G, Wickham MS, Narbad A

In vitro fermentation of oat and barley derived beta-glucans by human faecal microbiota.

**FEMS microbiology ecology** , Volume: 64 Issue: 3 2008 Jun

**Authors** Hughes SA, Shewry PR, Gibson GR, McCleary BV, Rastall RA

Exploring of Antimicrobial Activity of Triphala Mashi-an Ayurvedic Formulation.

**Evidence-based complementary and alternative medicine : eCAM** , Volume: 5 Issue: 1 2008 Mar

**Authors** Biradar YS, Jagatap S, Khandelwal KR, Singhanian SS

Synergistic antibacterial activity between *Thymus vulgaris* and *Pimpinella anisum* essential oils and methanol extracts.

**Journal of ethnopharmacology** , Volume: 116 Issue: 3 2008 Mar 28

**Authors** Al-Bayati FA

Antibacterial activity of guava (*Psidium guajava* L.) and Neem (*Azadirachta indica* A. Juss.) extracts against foodborne pathogens and spoilage bacteria.

**Foodborne pathogens and disease** , Volume: 4 Issue: 4 2007 Winter

**Authors** Mahfuzul Hoque MD, Bari ML, Inatsu Y, Juneja VK, Kawamoto S

Inhibitory effect of Gram-negative and Gram-positive microorganisms against *Helicobacter pylori* clinical isolates.

**The Journal of antimicrobial chemotherapy** , Volume: 61 Issue: 1 2008 Jan

**Authors** López-Brea M, Alarcón T, Domingo D, Díaz-Regañón J

Antibacterial effect of five Zingiberaceae essential oils.

**Molecules (Basel, Switzerland)** , Volume: 12 Issue: 8 2007 Aug 23

**Authors** Norajit K, Laohakunjit N, Kerdchoechuen O

Inhibitory effect of cranberry polyphenol on biofilm formation and cysteine proteases of *Porphyromonas gingivalis*.

**Journal of periodontal research** , Volume: 42 Issue: 6 2007 Dec

**Authors** Yamanaka A, Kouchi T, Kasai K, Kato T, Ishihara K, Okuda K

Modifying effects of fermented brown rice on fecal microbiota in rats.

**Anaerobe** , Volume: 13 Issue: 5-6 2007 Oct-Dec

**Authors** Kataoka K, Kibe R, Kuwahara T, Hagiwara M, Arimochi H, Iwasaki T, Benno Y, Ohnishi Y

Whole-grain wheat breakfast cereal has a prebiotic effect on the human gut microbiota: a double-blind, placebo-controlled, crossover study.

**The British journal of nutrition** , Volume: 99 Issue: 1 2008 Jan

**Authors** Costabile A, Klinder A, Fava F, Napolitano A, Fogliano V, Leonard C, Gibson GR, Tuohy KM

Brazilian green propolis on *Helicobacter pylori* infection. a pilot clinical study.

**Helicobacter** , Volume: 12 Issue: 5 2007 Oct

**Authors** Coelho LG, Bastos EM, Resende CC, Paula e Silva CM, Sanches BS, de Castro FJ, Moretzsohn LD, Vieira WL, Trindade OR

Chemical composition and biological activity of a new type of Brazilian propolis: red propolis.

**Journal of ethnopharmacology** , Volume: 113 Issue: 2 2007 Sep 5

Authors Alencar SM,Oldoni TL,Castro ML,Cabral IS,Costa-Neto CM,Cury JA,Rosalen PL,Ikegaki M

[Berry anthocyanins as novel antioxidants in human health and disease prevention.](#)

**Molecular nutrition & food research** , Volume: 51 Issue: 6 2007 Jun

Authors Zafra-Stone S,Yasmin T,Bagchi M,Chatterjee A,Vinson JA,Bagchi D

[Arabino-galactan proteins from Pistacia lentiscus var. chia: isolation, characterization and biological function.](#)

**Amino acids** , Volume: 34 Issue: 3 2008 Apr

Authors Kottakis F,Lamari F,Matragkou Ch,Zachariadis G,Karamanos N,Choli-Papadopoulou T

[Vapor-phase activities of cinnamon, thyme, and oregano essential oils and key constituents against foodborne microorganisms.](#)

**Journal of agricultural and food chemistry** , Volume: 55 Issue: 11 2007 May 30

Authors López P,Sanchez C,Batlle R,Nerín C

[Jerusalem artichoke and chicory inulin in bakery products affect faecal microbiota of healthy volunteers.](#)

**The British journal of nutrition** , Volume: 98 Issue: 3 2007 Sep

Authors Kleessen B,Schwarz S,Boehm A,Fuhrmann H,Richter A,Henle T,Krueger M

[Impact of consumption of different levels of Bifidobacterium lactis HN019 on the intestinal microflora of elderly human subjects.](#)

**The journal of nutrition, health & aging** , Volume: 11 Issue: 1 2007 Jan-Feb

Authors Ahmed M,Prasad J,Gill H,Stevenson L,Gopal P

[Supplementation of baby formula with native inulin has a prebiotic effect in formula-fed babies.](#)

**Asia Pacific journal of clinical nutrition** , Volume: 16 Issue: 1 2007

Authors Kim SH,Lee DH,Meyer D

[Physiological effects of extraction juices from apple, grape, and red beet pomaces in rats.](#)

**Journal of agricultural and food chemistry** , Volume: 54 Issue: 26 2006 Dec 27

Authors Sembries S,Dongowski G,Mehrländer K,Will F,Dietrich H

[In vitro and in vivo activities of Chios mastic gum extracts and constituents against Helicobacter pylori.](#)

**Antimicrobial agents and chemotherapy** , Volume: 51 Issue: 2 2007 Feb

Authors Paraschos S,Magiatis P,Mitakou S,Petraki K,Kalliaropoulos A,Maragkoudakis P,Mentis A,Sgouras D,Skaltsounis AL

[Effect of the folk remedy, Bainiku-ekisu, a concentrate of Prunus mume juice, on Helicobacter pylori infection in humans.](#)

**Helicobacter** , Volume: 11 Issue: 6 2006 Dec

Authors Nakajima S,Fujita K,Inoue Y,Nishio M,Seto Y

[Effect of tea phenolics and their aromatic fecal bacterial metabolites on intestinal microbiota.](#)

**Research in microbiology** , Volume: 157 Issue: 9 2006 Nov

Authors Lee HC,Jenner AM,Low CS,Lee YK

[Susceptibility of Prevotella intermedia/Prevotella nigrescens \(and Porphyromonas gingivalis\) to propolis \(bee glue\) and other antimicrobial agents.](#)

**Anaerobe** , Volume: 8 Issue: 1 2002 Feb

Authors Santos FA,Bastos EM,Rodrigues PH,de Uzeda M,de Carvalho MA,Farias Lde M,Moreira ES

[Antibacterial activity of the soy isoflavone genistein.](#)

**Journal of basic microbiology** , Volume: 46 Issue: 4 2006

Authors Hong H,Landauer MR,Foriska MA,Ledney GD

[Antimicrobial effect of mastic gum methanolic extract against Porphyromonas gingivalis.](#)

**Journal of medicinal food** , Volume: 9 Issue: 2 2006 Summer

Authors Sterer N

[Bioassay-guided purification and identification of antimicrobial components in Chinese green tea extract.](#)

**Journal of chromatography. A** , Volume: 1125 Issue: 2 2006 Sep 1

Authors Si W,Gong J,Tsao R,Kalab M,Yang R,Yin Y

[Antagonistic activity of probiotic lactobacilli and bifidobacteria against entero- and uropathogens.](#)

**Journal of applied microbiology** , Volume: 100 Issue: 6 2006 Jun

Authors Hütt P,Shchepetova J,Löivukene K,Kullisaar T,Mikelsaar M

[Antimicrobial and antiplasmid activities of essential oils.](#)

**Fitoterapia** , Volume: 77 Issue: 4 2006 Jun

Authors Schelz Z,Molnar J,Hohmann J

[A new effect of acetylsalicylic acid? Significantly lower prevalence of nasal carriage of Staphylococcus aureus among patients receiving orally administered acetylsalicylic acid.](#)

**Infection control and hospital epidemiology** , Volume: 27 Issue: 3 2006 Mar

Authors Karabay O,Arinc H,Gunduz H,Tamer A,Ozhan H,Uyan C

[Effects of combining extracts \(from propolis or Zingiber officinale\) with clarithromycin on Helicobacter pylori.](#)

**Phytotherapy research : PTR** , Volume: 20 Issue: 3 2006 Mar

**Authors Nostro A, Cellini L, Di Bartolomeo S, Cannatelli MA, Di Campi E, Procopio F, Grande R, Marzio L, Alonzo V**

Screening for antimicrobial activity of ten medicinal plants used in Colombian folkloric medicine: a possible alternative in the treatment of non-nosocomial infections.

**BMC complementary and alternative medicine** , Volume: 6 2006 Feb 17

**Authors Rojas JJ, Ochoa VJ, Ocampo SA, Muñoz JF**

Multifactorial aspects of antimicrobial activity of propolis.

**Microbiological research** , Volume: 161 Issue: 4 2006

**Authors Scazzocchio F, D'Auria FD, Alessandrini D, Pantanella F**

The protective role of topical propolis on experimental keratitis via nitric oxide levels in rabbits.

**Molecular and cellular biochemistry** , Volume: 281 Issue: 1-2 2006 Jan

**Authors Duran N, Koc A, Oksuz H, Tamer C, Akaydin Y, Kozlu T, Celik M**

In vitro susceptibility of Helicobacter pylori to botanical extracts used traditionally for the treatment of gastrointestinal disorders.

**Phytotherapy research : PTR** , Volume: 19 Issue: 11 2005 Nov

**Authors Mahady GB, Pendland SL, Stoia A, Hamill FA, Fabricant D, Dietz BM, Chadwick LR**

Isoflavones and functional foods alter the dominant intestinal microbiota in postmenopausal women.

**The Journal of nutrition** , Volume: 135 Issue: 12 2005 Dec

**Authors Clavel T, Fallani M, Lepage P, Levenez F, Mathey J, Rochet V, Sérézat M, Sutren M, Henderson G, Bennetau-Pelissero C, Tondou F, Blaut M, Doré J, Coxam V**

Red wine polyphenols influence carcinogenesis, intestinal microflora, oxidative damage and gene expression profiles of colonic mucosa in F344 rats.

**Mutation research** , Volume: 591 Issue: 1-2 2005 Dec 11

**Authors Dolara P, Luceri C, De Filippo C, Femia AP, Giovannelli L, Caderni G, Cecchini C, Silvi S, Orpianesi C, Cresci A**

Chemical composition and antibacterial activity of the essential oil and the gum of Pistacia lentiscus Var. chia.

**Journal of agricultural and food chemistry** , Volume: 53 Issue: 20 2005 Oct 5

**Authors Koutsoudaki C, Krsek M, Rodger A**

Propolis: anti-Staphylococcus aureus activity and synergism with antimicrobial drugs.

**Memorias do Instituto Oswaldo Cruz** , Volume: 100 Issue: 5 2005 Aug

**Authors Fernandes Júnior A, Balestrin EC, Betoni JE, Orsi Rde O, da Cunha Mde L, Montelli AC**

Effect of propolis in the treatment of experimental Staphylococcus aureus keratitis in rabbits.

**Ophthalmic research** , Volume: 37 Issue: 6 2005 Nov-Dec

**Authors Oksuz H, Duran N, Tamer C, Cetin M, Silici S**

Antibacterial activity of propolis against Staphylococcus aureus.

**International journal of food microbiology** , Volume: 102 Issue: 2 2005 Jul 15

**Authors Lu LC, Chen YW, Chou CC**

Antibacterial effect of plant extracts against Helicobacter pylori.

**Phytotherapy research : PTR** , Volume: 19 Issue: 3 2005 Mar

**Authors Nostro A, Cellini L, Di Bartolomeo S, Di Campi E, Grande R, Cannatelli MA, Marzio L, Alonzo V**

Chemical compositions and antimicrobial activities of four different Anatolian propolis samples.

**Microbiological research** , Volume: 160 Issue: 2 2005

**Authors Uzel A, Sorkun K, Onçag O, Cogulu D, Gençay O, Salih B**

Chemical composition and antibacterial activity of propolis collected by three different races of honeybees in the same region.

**Journal of ethnopharmacology** , Volume: 99 Issue: 1 2005 May 13

**Authors Silici S, Kutluca S**

Activity of Bulgarian propolis against 94 Helicobacter pylori strains in vitro by agar-well diffusion, agar dilution and disc diffusion methods.

**Journal of medical microbiology** , Volume: 54 Issue: Pt 5 2005 May

**Authors Boyanova L, Gergova G, Nikolov R, Derejian S, Lazarova E, Katsarov N, Mitov I, Krastev Z**

Mixture of honey, beeswax and olive oil inhibits growth of Staphylococcus aureus and Candida albicans.

**Archives of medical research** , Volume: 36 Issue: 1 2005 Jan-Feb

**Authors Al-Waili NS**

[Antimicrobial properties of bee preparations in ointment form].

**Mikrobiolohichnyi zhurnal (Kiev, Ukraine : 1993)** , Volume: 66 Issue: 6 2004 Nov-Dec

**Authors Postoienko VO, Senchuhova NA, Postoienko OM, Patyka VP**

Molecular and microbiological analysis of caecal microbiota in rats fed with diets supplemented either with prebiotics or probiotics.

**International journal of food microbiology** , Volume: 98 Issue: 3 2005 Feb 15

*Authors Montesi A,García-Albiach R,Pozuelo MJ,Pintado C,Goñi I,Rotger R*

Propolis extract as an adjuvant to periodontal treatment.

**Oral health & preventive dentistry , Volume: 1 Issue: 1 2003**

*Authors Gebaraa EC,Pustiglioni AN,de Lima LA,Mayer MP*

Microbiological effects of consuming a synbiotic containing Bifidobacterium bifidum, Bifidobacterium lactis, and oligofructose in elderly persons, determined by real-time polymerase chain reaction and counting of viable bacteria.

**Clinical infectious diseases : an official publication of the Infectious Diseases Society of America , Volume: 40 Issue: 1 2005 Jan 1**

*Authors Bartosch S,Woodmansey EJ,Paterson JC,McMurdo ME,Macfarlane GT*

Chemical compositions and antibacterial effects of essential oils of Turkish oregano (*Origanum minutiflorum*), bay laurel (*Laurus nobilis*), Spanish lavender (*Lavandula stoechas* L.), and fennel (*Foeniculum vulgare*) on common foodborne pathogens.

**Journal of agricultural and food chemistry , Volume: 52 Issue: 26 2004 Dec 29**

*Authors Dadalioglu I,Evrendilek GA*

Inhibition of *Helicobacter pylori* in vitro by various berry extracts, with enhanced susceptibility to clarithromycin.

**Molecular and cellular biochemistry , Volume: 265 Issue: 1-2 2004 Oct**

*Authors Chatterjee A,Yasmin T,Bagchi D,Stohs SJ*

Growth inhibition of foodborne pathogens and food spoilage organisms by select raw honeys.

**International journal of food microbiology , Volume: 97 Issue: 1 2004 Dec 1**

*Authors Mundo MA,Padilla-Zakour OI,Worobo RW*

Anticariogenic activity of some tropical medicinal plants against *Streptococcus mutans*.

**Fitoterapia , Volume: 75 Issue: 6 2004 Sep**

*Authors Hwang JK,Shim JS,Chung JY*

Contribution of acetate to butyrate formation by human faecal bacteria.

**The British journal of nutrition , Volume: 91 Issue: 6 2004 Jun**

*Authors Duncan SH,Holtrop G,Lobley GE,Calder AG,Stewart CS,Flint HJ*

[Antibacterial activity of essential oils on microorganisms isolated from urinary tract infection].

**Revista de saude publica , Volume: 38 Issue: 2 2004 Apr**

*Authors Pereira RS,Sumita TC,Furlan MR,Jorge AO,Ueno M*

Antibacterial activity of honey and propolis from *Apis mellifera* and *Tetragonisca angustula* against *Staphylococcus aureus*.

**Journal of applied microbiology , Volume: 95 Issue: 5 2003**

*Authors Miorin PL,Levy Junior NC,Custodio AR,Bretz WA,Marcucci MC*

Enteral feeding of premature infants with *Saccharomyces boulardii*.

**Early human development , Volume: 74 Issue: 2 2003 Nov**

*Authors Costalos C,Skouteri V,Gounaris A,Sevastiadou S,Triandafillidou A,Ekonomidou C,Kontaxaki F,Petrochilou V*

Resveratrol and red wine extracts inhibit the growth of CagA+ strains of *Helicobacter pylori* in vitro.

**The American journal of gastroenterology , Volume: 98 Issue: 6 2003 Jun**

*Authors Mahady GB,Pendland SL,Chadwick LR*

Antimicrobial properties of commercial annatto extracts against selected pathogenic, lactic acid, and spoilage microorganisms.

**Journal of food protection , Volume: 66 Issue: 6 2003 Jun**

*Authors Galindo-Cuspinera V,Westhoff DC,Rankin SA*

Dietary fiber-rich barley products beneficially affect the intestinal tract of rats.

**The Journal of nutrition , Volume: 132 Issue: 12 2002 Dec**

*Authors Dongowski G,Huth M,Gebhardt E,Flamme W*

Antibacterial activity of extracts from some edible plants commonly consumed in Asia.

**International journal of food microbiology , Volume: 80 Issue: 3 2003 Feb 15**

*Authors Alzoreky NS,Nakahara K*

Antimicrobial activity of licorice flavonoids against methicillin-resistant *Staphylococcus aureus*.

**Fitoterapia , Volume: 73 Issue: 6 2002 Oct**

*Authors Fukai T,Marumo A,Kaitou K,Kanda T,Terada S,Nomura T*

Improvement of the probiotic effect of micro-organisms by their combination with maltodextrins, fructo-oligosaccharides and polyunsaturated fatty acids.

**The British journal of nutrition , Volume: 88 Suppl 1 2002 Sep**

*Authors Bomba A,Nemcová R,Gancarcíková S,Herich R,Guba P,Mudronová D*

Anti-*Helicobacter pylori* flavonoids from licorice extract.

**Life sciences , Volume: 71 Issue: 12 2002 Aug 9**

*Authors Fukai T,Marumo A,Kaitou K,Kanda T,Terada S,Nomura T*

Aberrant composition of gut microbiota of allergic infants: a target of bifidobacterial therapy at weaning?

**Gut** , Volume: 51 Issue: 1 2002 Jul

Authors Kirjavainen PV,Arvola T,Salminen SJ,Isolauri E

Activity of *Ocimum sanctum* (the traditional Indian medicinal plant) against the enteric pathogens.

**Indian journal of medical sciences** , Volume: 55 Issue: 8 2001 Aug

Authors Geeta,Vasudevan DM,Kedlaya R,Deepa S,Ballal M

Evaluation of N-acetylchitooligosaccharides as the main carbon sources for the growth of intestinal bacteria.

**FEMS microbiology letters** , Volume: 209 Issue: 1 2002 Mar 19

Authors Chen HC,Chang CC,Mau WJ,Yen LS

Screening of the antibacterial effects of a variety of essential oils on respiratory tract pathogens, using a modified dilution assay method.

**Journal of infection and chemotherapy : official journal of the Japan Society of Chemotherapy** , Volume: 7 Issue: 4 2001 Dec

Authors Inouye S,Yamaguchi H,Takizawa T

Prebiotic treatment of experimental colitis with germinated barley foodstuff: a comparison with probiotic or antibiotic treatment.

**International journal of molecular medicine** , Volume: 9 Issue: 1 2002 Jan

Authors Fukuda M,Kanauchi O,Araki Y,Andoh A,Mitsuyama K,Takagi K,Toyonaga A,Sata M,Fujiyama Y,Fukuoka M,Matsumoto Y,Bamba T

Oligofructose and long-chain inulin: influence on the gut microbial ecology of rats associated with a human faecal flora.

**The British journal of nutrition** , Volume: 86 Issue: 2 2001 Aug

Authors Kleessen B,Hartmann L,Blaut M

Probiotic activities of *Lactobacillus casei rhamnosus*: in vitro adherence to intestinal cells and antimicrobial properties.

**Research in microbiology** , Volume: 152 Issue: 2 2001 Mar

Authors Forestier C,De Champs C,Vatoux C,Joly B

Egyptian propolis: 1-antimicrobial activity and chemical composition of Upper Egypt propolis.

**Zeitschrift fur Naturforschung. C, Journal of biosciences** , Volume: 56 Issue: 1-2 2001 Jan-Feb

Authors Hegazi AG,El Hady FK

Phenolic compounds from Brazilian propolis with pharmacological activities.

**Journal of ethnopharmacology** , Volume: 74 Issue: 2 2001 Feb

Authors Marcucci MC,Ferreres F,García-Viguera C,Bankova VS,De Castro SL,Dantas AP,Valente PH,Paulino N

Probiotics in foods not containing milk or milk constituents, with special reference to *Lactobacillus plantarum* 299v.

**The American journal of clinical nutrition** , Volume: 73 Issue: 2 Suppl 2001 Feb

Authors Molin G

A high molecular mass constituent of cranberry juice inhibits helicobacter pylori adhesion to human gastric mucus.

**FEMS immunology and medical microbiology** , Volume: 29 Issue: 4 2000 Dec

Authors Burger O,Ofek I,Tabak M,Weiss EI,Sharon N,Neeman I

Study on propolis quality from China and Uruguay.

**Zeitschrift fur Naturforschung. C, Journal of biosciences** , Volume: 55 Issue: 9-10 2000 Sep-Oct

Authors Serra Bonvehí J,Ventura Coll F

Seasonal effect on Brazilian propolis antibacterial activity.

**Journal of ethnopharmacology** , Volume: 73 Issue: 1-2 2000 Nov

Authors Sforcin JM,Fernandes A Jr,Lopes CA,Bankova V,Funari SR

Applicability of zinc complex of L-carnosine for medical use.

**Biochemistry. Biokhimiia** , Volume: 65 Issue: 7 2000 Jul

Authors Matsukura T,Tanaka H

Screening of some Palestinian medicinal plants for antibacterial activity.

**Journal of ethnopharmacology** , Volume: 70 Issue: 3 2000 Jun

Authors Essawi T,Srouf M

Chemical composition and antimicrobial activity of European propolis.

**Zeitschrift fur Naturforschung. C, Journal of biosciences** , Volume: 55 Issue: 1-2 2000 Jan-Feb

Authors Hegazi AG,Abd El Hady FK,Abd Allah FA

On the in-vitro antimicrobial activity of oleuropein and hydroxytyrosol.

**The Journal of pharmacy and pharmacology** , Volume: 51 Issue: 8 1999 Aug

Authors Bisignano G,Tomaino A,Lo Cascio R,Crisafi G,Uccella N,Saija A

Antimicrobial activity of essential oils and other plant extracts.

**Journal of applied microbiology** , Volume: 86 Issue: 6 1999 Jun

Authors Hammer KA,Carson CF,Riley TV

Changes in fecal microflora induced by intubation of mice with *Bacillus subtilis* (natto) spores are dependent upon dietary

components.

**Canadian journal of microbiology** , Volume: 45 Issue: 1 1999 Jan

Authors Hosoi T,Ametani A,Kiuchi K,Kaminogawa S

Effect on cell surface hydrophobicity and susceptibility of Helicobacter pylori to medicinal plant extracts.

**FEMS microbiology letters** , Volume: 172 Issue: 1 1999 Mar 1

Authors Annuk H,Hirno S,Türi E,Mikelsaar M,Arak E,Wadström T

Does probiotics administration decrease serum endotoxin levels in infants?

**Journal of pediatric surgery** , Volume: 34 Issue: 2 1999 Feb

Authors Urao M,Fujimoto T,Lane GJ,Seo G,Miyano T

The effect of consumption of milk fermented by Lactobacillus casei strain Shirota on the intestinal microflora and immune parameters in humans.

**European journal of clinical nutrition** , Volume: 52 Issue: 12 1998 Dec

Authors Spanhaak S,Havenaar R,Schaafsma G

Continuous culture selection of bifidobacteria and lactobacilli from human faecal samples using fructooligosaccharide as selective substrate.

**Journal of applied microbiology** , Volume: 85 Issue: 4 1998 Oct

Authors Sghir A,Chow JM,Mackie RI

The colonization of a simulator of the human intestinal microbial ecosystem by a probiotic strain fed on a fermented oat bran product: effects on the gastrointestinal microbiota.

**Applied microbiology and biotechnology** , Volume: 50 Issue: 2 1998 Aug

Authors Kontula P,Jaskari J,Nollet L,De Smet I,von Wright A,Poutanen K,Mattila-Sandholm T

Effects of lactulose and lactitol on colonic microflora and enzymatic activity.

**Scandinavian journal of gastroenterology. Supplement** , Volume: 222 1997

Authors Ballongue J,Schumann C,Quignon P

Effects of inulin and lactose on fecal microflora, microbial activity, and bowel habit in elderly constipated persons.

**The American journal of clinical nutrition** , Volume: 65 Issue: 5 1997 May

Authors Kleessen B,Sykura B,Zunft HJ,Blaut M

Antimicrobial evaluation of some plants used in Mexican traditional medicine for the treatment of infectious diseases.

**Journal of ethnopharmacology** , Volume: 53 Issue: 3 1996 Sep

Authors Navarro V,Villarreal ML,Rojas G,Lozoya X

In vitro antimicrobial activity of Pistacia lentiscus L. extracts: preliminary report.

**Journal of chemotherapy (Florence, Italy)** , Volume: 8 Issue: 3 1996 Jun

Authors Iauk L,Ragusa S,Rapisarda A,Franco S,Nicolosi VM

Antimicrobial and antioxidant activities of unripe papaya.

**Life sciences** , Volume: 53 Issue: 17 1993

Authors Osato JA,Santiago LA,Remo GM,Cuadra MS,Mori A

The effect of a probiotic on faecal and liver lipid classes in rats.

**The British journal of nutrition** , Volume: 73 Issue: 5 1995 May

Authors Fukushima M,Nakano M

[Effect of propolis on Staphylococcus aureus strains resistant to antibiotics].

**Antibiotiki** , Volume: 26 Issue: 4 1981 Apr

Authors Shub TA,Kagrananova KA,Voropaeva SD,Kivman GI

Influence of dietary lactose on the gut flora of chicks.

**British poultry science** , Volume: 23 Issue: 4 1982 Jul

Authors Morishita Y,Fuller R,Coates ME

The fermentation of lactulose by colonic bacteria.

**Journal of general microbiology** , Volume: 128 Issue: 2 1982 Feb

Authors Sahota SS,Bramley PM,Menzies IS

[Effect of carrageenan, galactose and 2,4-dinitrophenol on leukocyte phagocytosis of Staphylococcus aureus and E. coli].

**Allergie und Immunologie** , Volume: 30 Issue: 4 1984

Authors Stelzner A,Schleef H,Kunze M

Effect of saccharin on growth and acid production of glucose-grown pathogenic and oral bacteria.

**Microbios** , Volume: 42 Issue: 169-170 1985

Authors Linke HA,Doyle GA

Factors affecting growth and lipase production by meat lactobacilli strains and Brochothrix thermosphacta.

**The Journal of applied bacteriology** , Volume: 64 Issue: 2 1988 Feb

Authors Papon M,Talon R

Effect of rice fiber on human fecal microflora.

**Microbiology and immunology** , Volume: 33 Issue: 5 1989

Authors Benno Y,Endo K,Miyoshi H,Okuda T,Koishi H,Mitsuoka T

In vitro antimicrobial activity of bismuth subsalicylate and other bismuth salts.

**Reviews of infectious diseases** , Volume: 12 Suppl 1 1990 Jan-Feb

Authors Manhart MD

In vitro antibacterial activity of bismuth subsalicylate.

**Reviews of infectious diseases** , Volume: 12 Suppl 1 1990 Jan-Feb

Authors Cornick NA,Silva M,Gorbach SL

Studies on the antimicrobial activity of Nigella sativa seed (black cumin).

**Journal of ethnopharmacology** , Volume: 34 Issue: 2-3 1991 Sep

Authors Hanafy MS,Hatem ME

Diet and faecal flora in the newborn: iron.

**Archives of disease in childhood** , Volume: 66 Issue: 12 1991 Dec

Authors Balmer SE,Wharton BA

[Selective effect of propolis in the isolation of Listeria monocytogenes (author's transl)].

**Nordisk veterinaermedicin** , Volume: 29 Issue: 10 1977 Oct

Authors Aspoy E

Additional sources and private correspondance

**Private Correspondance** , Volume: 1 Issue: 2018

Effects of probiotic Enterococcus faecium NCIMB 11181 administration on swine fecal microbiota diversity and composition using barcoded pyrosequencing

**Animal Feed Science and Technology** , Volume: 201 2015 Mar

Authors Edward Alain B.Pajarillo,Dae-Kyung Kang,Chan-Soo Park,Hyeun Bum Kim,Marilen P Balolong

Curated database of commensal, symbiotic and pathogenic microbiota

**Generative Bioinformatics** , Volume: Issue: 2014 Jun

Authors D'Adamo Peter

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Available at: <https://microbiomeprescription.com/Library/PubMed>

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Allergies

Allergy to milk products

Alopecia (Hair Loss)

Alzheimer's disease

Amyotrophic lateral sclerosis (ALS) Motor Neuron

Ankylosing spondylitis

Anorexia Nervosa

Antiphospholipid syndrome (APS)

Asthma

Atherosclerosis

Atrial fibrillation

Autism

Autoimmune Disease

Barrett esophagus cancer

benign prostatic hyperplasia

Biofilm

Bipolar Disorder

Brain Trauma

Breast Cancer

Cancer (General)

Carcinoma  
cdkl5 deficiency disorder  
Celiac Disease  
Cerebral Palsy  
Chronic Fatigue Syndrome  
Chronic Kidney Disease  
Chronic Lyme  
Chronic Obstructive Pulmonary Disease (COPD)  
Chronic Urticaria (Hives)  
Coagulation / Micro clot triggering bacteria  
Cognitive Function  
Colorectal Cancer  
Constipation  
Coronary artery disease  
COVID-19  
Crohn's Disease  
Cushing's Syndrome (hypercortisolism)  
cystic fibrosis  
d-lactic acidosis (one form of brain fog)  
deep vein thrombosis  
Denture Wearers Oral Shifts  
Depression  
Dermatomyositis  
Eczema  
Endometriosis  
Eosinophilic Esophagitis  
Epilepsy  
erectile dysfunction  
Fibromyalgia  
Food Allergy  
Functional constipation / chronic idiopathic constipation  
gallstone disease (gsd)  
Gastroesophageal reflux disease (Gerd) including Barrett's esophagus  
Generalized anxiety disorder  
giant cell arteritis  
Glioblastoma  
Gout  
Graves' disease  
Gulf War Syndrome  
Halitosis  
Hashimoto's thyroiditis  
Heart Failure  
hemorrhagic stroke  
Hemorrhoidal disease, Hemorrhoids, Piles  
Hidradenitis Suppurativa  
High Histamine/low DAO  
hypercholesterolemia (High Cholesterol)  
hyperglycemia  
Hyperlipidemia (High Blood Fats)  
hypersomnia  
hypertension (High Blood Pressure)  
Hypothyroidism  
Hypoxia  
IgA nephropathy (IgAN)  
Inflammatory Bowel Disease  
Insomnia  
Intelligence  
Intracranial aneurysms

Irritable Bowel Syndrome  
ischemic stroke  
Juvenile idiopathic arthritis  
Liver Cirrhosis  
liver fibrosis  
Long COVID  
Low bone mineral density  
Lung Cancer  
Lymphoma  
Mast Cell Issues / mastitis  
ME/CFS with IBS  
ME/CFS without IBS  
membranous nephropathy  
Menopause  
Metabolic Syndrome  
Mood Disorders  
multiple chemical sensitivity [MCS]  
Multiple Sclerosis  
Multiple system atrophy (MSA)  
myasthenia gravis  
neuropathic pain  
Neuropathy (all types)  
neuropsychiatric disorders (PANDAS, PANS)  
Nonalcoholic Fatty Liver Disease (nafld) Nonalcoholic  
NonCeliac Gluten Sensitivity  
Obesity  
obsessive-compulsive disorder  
Osteoarthritis  
Osteoporosis  
pancreatic cancer  
Parkinson's Disease  
Peanut Allergy  
Polycystic ovary syndrome  
Postural orthostatic tachycardia syndrome  
Premenstrual dysphoric disorder  
primary biliary cholangitis  
Primary sclerosing cholangitis  
Psoriasis  
rheumatoid arthritis (RA),Spondyloarthritis (SpA)  
Rosacea  
Schizophrenia  
scoliosis  
sensorineural hearing loss  
Sjögren syndrome  
Sleep Apnea  
Slow gastric motility / Gastroparesis  
Small Intestinal Bacterial Overgrowth (SIBO)  
Stress / posttraumatic stress disorder  
Systemic Lupus Erythematosus  
Tic Disorder  
Tourette syndrome  
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