

## Microbiome Information for: Gastroesophageal reflux disease (Gerd) including Barrett's esophagus

### For 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

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/>)

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

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

### Analysis Provided by Microbiome Prescription

A Microbiome Analysis Company

892 Lake Samish Rd, Bellingham WA 98229

Email: [Research@MicrobiomePrescription.com](mailto:Research@MicrobiomePrescription.com)

[Our Facebook Discussion Page](#)

## Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of Gastroesophageal reflux disease (Gerd) including Barrett's esophagus

*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 | Bacteria Name                   | Rank    | Shift | Taxonomy ID |
|--------------------|--------|-------|-------------|---------------------------------|---------|-------|-------------|
| Clostridia         | class  | Low   | 186801      | Rothia                          | genus   | High  | 508215      |
| Fusobacteriia      | class  | High  | 203490      | Streptococcus                   | genus   | Low   | 1301        |
| Mollicutes         | class  | Low   | 31969       | Veillonella                     | genus   | High  | 29465       |
| Spirochaetia       | class  | High  | 203692      | Bifidobacteriales               | order   | Low   | 85004       |
| Bifidobacteriaceae | family | Low   | 31953       | Alistipes putredinis            | species | High  | 28117       |
| Lachnospiraceae    | family | Low   | 186803      | Anaerobutyricum hallii          | species | Low   | 39488       |
| Rikenellaceae      | family | Low   | 171550      | Anaerostipes hadrus             | species | Low   | 649756      |
| Alternaria         | genus  | High  | 5598        | Bacteroides fragilis            | species | High  | 817         |
| Anaerobacillus     | genus  | High  | 704093      | Bacteroides stercoris           | species | High  | 46506       |
| Aspergillus        | genus  | High  | 5052        | Blautia obeum                   | species | Low   | 40520       |
| Campylobacter      | genus  | High  | 194         | Blautia wexlerae                | species | Low   | 418240      |
| Exserohilum        | genus  | High  | 91493       | Faecalibacterium prausnitzii    | species | High  | 853         |
| Fusobacterium      | genus  | High  | 848         | Fusicatenibacter saccharivorans | species | Low   | 1150298     |
| Granulicatella     | genus  | High  | 117563      | Fusobacterium nucleatum         | species | High  | 851         |
| Haemophilus        | genus  | High  | 724         | Helicobacter pylori             | species | High  | 210         |
| Helicobacter       | genus  | Low   | 209         | Lactobacillus gasseri           | species | Low   | 1596        |
| Lachnospira        | genus  | Low   | 28050       | Limosilactobacillus fermentum   | species | Low   | 1613        |
| Methanobrevibacter | genus  | Low   | 2172        | Limosilactobacillus reuteri     | species | Low   | 1598        |
| Moraxella          | genus  | Low   | 475         | Phocaeicola dorei               | species | High  | 357276      |
| Neisseria          | genus  | High  | 482         | Phocaeicola vulgatus            | species | High  | 821         |
| Rothia             | genus  | High  | 32207       | Streptococcus mitis             | species | High  | 28037       |
|                    |        |       |             | Veillonella dispar              | species | Low   | 39778       |

## 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.

Antibiotics annotated with [CFS] have been used with various degree of success with Myalgic Encephalomyelitis, Chronic Fatigue Syndrome, Chronic Lyme, Chronic Q-Fever and Long COVID conditions. Rotation of antibiotics with 3 weeks off between courses is recommended.

2-Amino-5-(carbamoylamino)pentanoic acid {Citrulline}

Aloe vera {True Aloe}

Azadirachta indica {Neem} 120 mg/day

cellulose

Epicatechin {Green tea polyphenol}

Ethyl alcohol {Grain alcohol}

Ferum {Iron Supplements} 400 mg/day

high-fat diets

High-protein diet {Atkins low-carbohydrate diet}

Latilactobacillus sakei {Lactobacillus sakei}

low protein diet

low-fat diets

Mycotoxins {Home Dampness}

Phyllanthus emblica {Chinese gall}

red wine 250 ml/day

Sodium Bicarbonate {Baking Soda}

steviol glycosides {Stevia} 800 mg/day

Tobacco consumption {Smoking}

**VANCOMYCIN (ANTIBIOTIC)[CFS]**

vegetarians

Zingiber officinale Roscoe {ginger}

## **Retail Probiotics**

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

Lanto Sinus

Bulk Probiotics / L. Sakei Probiotic Powder (Sinus Support)

Kimchi Power / Lactobacillus Sakei

Lanto Health / Lanto Sinus Probiotic Powder

NASOBIOTEX / L. SAKEI POWDER

**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.

|                                                              |                                                            |
|--------------------------------------------------------------|------------------------------------------------------------|
| (2->1)-beta-D-fructofuranan {Inulin}                         | Lactocaseibacillus casei {L. casei}                        |
| Avena sativa x Hordeum vulgare {barley,oat}                  | lactobacillus acidophilus {L. acidophilus}                 |
| bacillus                                                     | Lactobacillus plantarum {L. plantarum}                     |
| bacillus,lactobacillus,streptococcus,saccharomyces probiotic | lactobacillus rhamnosus gg,bifidobacterium animalis lactis |
| Bifidobacterium animalis {B. animalis}                       | ,lactobacillus paracasei {cvs maximum strength probiotic}  |
| bifidobacterium longum {B.Longum }                           | Limosilactobacillus reuteri {L. Reuteri}                   |
| Bovine Milk Products {Dairy}                                 | metronidazole [CFS]                                        |
| clarithromycin [CFS]                                         | oligosaccharides {oligosaccharides}                        |
| dietary fiber                                                | Outer Layers of Triticum aestivum {Wheat Bran}             |
| Fiber, total dietary                                         | Saccharomyces cerevisiae var boulardii {S. boulardii}      |
| fruit                                                        | Slow digestible carbohydrates. {Low Glycemic}              |
| fruit/legume fibre                                           | walnuts                                                    |
| High-fibre diet {Whole food diet}                            | wheat                                                      |
| Hordeum vulgare {Barley}                                     | whole-grain diet                                           |
|                                                              | yogurt                                                     |
|                                                              | Zinc {Zinc Supplements}                                    |

## Sample of Literature Used

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

[Impact of Esophageal Motility on Microbiome Alterations in Symptomatic Gastroesophageal Reflux Disease Patients With Negative Endoscopy: Exploring the Role of Ineffective Esophageal Motility and Contraction Reserve.](#)

**Journal of neurogastroenterology and motility** , Volume: 30 Issue: 3 2024 Jul 30

Authors Wong MW,Lo IH,Wu WK,Liu PY,Yang YT,Chen CY,Wu MS,Wong SH,Lei WY,Yi CH,Liu TT,Hung JS,Liang SW,Gyawali CP,Chen CL

[Investigating the causal relationship of gut microbiota with GERD and BE: a bidirectional mendelian randomization.](#)

**BMC genomics** , Volume: 25 Issue: 1 2024 May 14

Authors Liu Y,Yu J,Yang Y,Han B,Wang Q,Du S

[Causal effect between gut microbiota and gastroesophageal reflux disease: a bidirectional two-sample Mendelian randomization study.](#)

**European journal of gastroenterology & hepatology** , Volume: 36 Issue: 7 2024 Jul 1

Authors Liu J,Zhang T,Liu X,Wang Q,Zhang H

[Causal relationship between gut microbiota and risk of gastroesophageal reflux disease: a genetic correlation and bidirectional Mendelian randomization study.](#)

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

Authors Wang K,Wang S,Chen Y,Lu X,Wang D,Zhang Y,Pan W,Zhou C,Zou D

[Microbiota profiling in esophageal diseases: Novel insights into molecular staining and clinical outcomes.](#)

**Computational and structural biotechnology journal** , Volume: 23 2024 Dec

Authors Barchi A,Massimino L,Mandarino FV,Vespa E,Sinagra E,Almolla O,Passaretti S,Fasulo E,Parigi TL,Cagliani S,Spanò S,Ungaro F,Danese S

[Causal relationship between Helicobacter pylori antibodies and gastroesophageal reflux disease \(GERD\): A mendelian study.](#)

**PloS one** , Volume: 18 Issue: 12 2023

Authors Chen J,Zhang J,Ma X,Ren Y,Tang Y,Zhang Z,Ye W,Zhang X,Lin Z,Wang L,Li Z

[Analysis of the gut microbiota in children with gastroesophageal reflux disease using metagenomics and metabolomics.](#)

**Frontiers in cellular and infection microbiology** , Volume: 13 2023

Authors Ye X,Yu F,Zhou J,Zhao C,Wu J,Ni X

[Proton pump inhibitors induced fungal dysbiosis in patients with gastroesophageal reflux disease.](#)

**Frontiers in cellular and infection microbiology** , Volume: 13 2023

Authors Shi Y,Li J,Cai S,Zhao H,Zhao H,Sun G,Yang Y

[Analysis of gastric microbiota and Helicobacter pylori infection in gastroesophageal reflux disease.](#)

**Gut pathogens** , Volume: 14 Issue: 1 2022 Sep 13

Authors Sugihartono T,Fauzia KA,Miftahussurur M,Waskito LA,Rejeki PS,I'tishom R,Alfaray RI,Doohan D,Amalia R,Savitri CMA,Rezkiha YAA,Akada J,Matsumoto T,Yamaoka Y

[Exploring Esophageal Microbiomes in Esophageal Diseases: A Systematic Review.](#)

**Journal of neurogastroenterology and motility** , Volume: 26 Issue: 2 2020 Apr 30

Authors Park CH,Lee SK

[Associations of the microbiome and esophageal disease.](#)

**Journal of thoracic disease** , Volume: 11 Issue: Suppl 12 2019 Aug

Authors Okereke I,Hamilton C,Wenholz A,Jala V,Giang T,Reynolds S,Miller A,Pyles R

[Alteration of the esophageal microbiota in Barrett' s esophagus and esophageal adenocarcinoma.](#)

**World journal of gastroenterology** , Volume: 25 Issue: 18 2019 May 14

Authors Lv J,Guo L,Liu JJ,Zhao HP,Zhang J,Wang JH

[Changes in the distal esophageal microbiota in Chinese patients with reflux esophagitis.](#)

**Journal of digestive diseases** , Volume: 20 Issue: 1 2019 Jan

Authors Yu Y,Gao F,Chen X,Zheng S,Zhang J

[The Esophageal Microbiome in Health and Disease.](#)

**Current gastroenterology reports** , Volume: 20 Issue: 8 2018 Aug 1

Authors Corning B,Copland AP,Frye JW

[Gut Microbiota Composition Before and After Use of Proton Pump Inhibitors.](#)

**Digestive diseases and sciences** , Volume: 63 Issue: 11 2018 Nov

Authors Hojo M,Asahara T,Nagahara A,Takeda T,Matsumoto K,Ueyama H,Matsumoto K,Asaoka D,Takahashi T,Nomoto K,Yamashiro Y,Watanabe S

[Rationale for a Helicobacter pylori Test and Treatment Strategy in Gastroesophageal Reflux Disease.](#)

**Gastroenterology clinics of North America** , Volume: 44 Issue: 3 2015 Sep

Authors Vakil N

[Is Helicobacter pylori the usual suspect behind gastroesophageal reflux disease and dacryostenosis?](#)

**Medical hypotheses** , Volume: 81 Issue: 1 2013 Jul

Authors Kountouras J,Zavos C,Polyzos SA,Romiopoulos I,Stergiopoulos C,Tsiaousi E,Deretzi G,Giartza-Taxidou E,Vardaka E,Loli E,Kountouras C,Katsinelos P

[Inflammation and intestinal metaplasia of the distal esophagus are associated with alterations in the microbiome.](#)

**Gastroenterology** , Volume: 137 Issue: 2 2009 Aug

Authors Yang L,Lu X,Nossa CW,Francois F,Peek RM,Pei Z

[\[Helicobacter pylori infection and GERD\].](#)

**Nihon rinsho. Japanese journal of clinical medicine** , Volume: 65 Issue: 5 2007 May

Authors Haruma K,Manabe N,Kamada T,Shiotani A,Kusaka K

[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

[Dietary fiber modulates gut microbiota and lipid metabolism ameliorating Alzheimer's pathology in 5xFAD mice.](#)

**Scientific reports** , Volume: 15 Issue: 1 2025 Nov 26

Authors Zhao Y,Taylor CM,Lukiw WJ,Bazan NG

[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

[Fiber deprivation and insoluble corn-based fibrous co-products modulate gastrointestinal mucosa-associated microbiota, extracellular matrix remodeling, and intestinal morphology in growing pigs.](#)

**Journal of animal science** , 2025 Oct 16

Authors Miller HE,Sasser CN,Hernandez MS,Legako JF,Anderson CJ,Schmitz-Esser S,Ericsson AC,Broadway PR,Sanchez NCB,Carroll JA,Penn MJC,Petry AL

[Ethanol-Induced Dysbiosis and Systemic Impact: A Meta-Analytical Synthesis of Human and Animal Research.](#)

**Microorganisms** , Volume: 13 Issue: 9 2025 Aug 27

Authors Alexandrescu L,Tofolean IT,Tofolean DE,Nicoara AD,Twakor AN,Rusu E,Preotesoiu I,Dumitru E,Dumitru A,Tocia C,Herlo A,Alexandrescu DM,Popescu I,Cimpineanu B

[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

[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

[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

[Synbiotic Administration of d-Tagatose and Lactocaseibacillus 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

[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

[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 QJ,Xu HH,Huang YX,Zhao YW,Refaie A,Sun LH,Deng ZC

[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

[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

[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

[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

[Alcohol exposure alters the diversity and composition of oral microbiome.](#)**Frontiers in cellular and infection microbiology , Volume: 15 2025**

Authors Zhao Z,Li J,Liu J,Zhang X,Qie Y,Sun Y,Liu N,Liu Q

[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

[Pharmacological insights into Azadirachta indica fruit: GC-MS Profiling and evaluation of key bioactivities on experimental animals.](#)**Pakistan journal of pharmaceutical sciences , Volume: 38 Issue: 1 2025 Jan-Feb**

Authors Razzak M,Riaz A,Rajput MA,Wahid S,Alqahtani A,Saeed Khan S,Nawaz M,Ahmed A

[Continuous intake of galacto-oligosaccharides containing syrup contributes to maintaining the health of household cats by modulating their gut microbiota.](#)**Bioscience of microbiota, food and health , Volume: 44 Issue: 2 2025**

Authors Hokkyo A,Kakiyama S,Shiwa Y,Kaga C,Kobayashi T,Nomoto K,Harima-Mizusawa N

[Superior ability of dietary fiber utilization in obese breed pigs linked to gut microbial hydrogenotrophy.](#)**ISME communications , Volume: 5 Issue: 1 2025 Jan**

Authors Li X,Mu C,Wu H,Zoetendal EG,Huang R,Yu K,Zhu W

[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

[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

[The relationship between a high-fat diet, gut microbiome, and systemic chronic inflammation: insights from integrated multiomics analysis.](#)**The American journal of clinical nutrition , Volume: 121 Issue: 3 2025 Mar**

Authors Du Z,Liu X,Xie Z,Wang Q,Lv Z,Li L,Wang H,Xue D,Zhang 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

[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

[Open Label Vancomycin in Primary Sclerosing Cholangitis-Inflammatory Bowel Disease: Improved Colonic Disease Activity](#)



and Associations With Changes in Host-Microbiome-Metabolomic Signatures.

**Journal of Crohn's & colitis** , Volume: 19 Issue: 2 2025 Feb 4

Authors Quraishi MN,Cheesbrough J,Rimmer P,Mullish BH,Sharma N,Efstathiou E,Acharjee A,Gkoutus G,Patel A,Marchesi JR,Camuzeaux S,Chappell K,Valdivia-Garcia MA,Ferguson J,Brookes MJ,Walmsley M,Rossiter AE,van Schaik W,McInnes RS,Cooney R,Trauner M,Beggs AD,Iqbal TH,Trivedi PJ

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

Altered interaction network in the gut microbiota of current cigarette smokers.

**Engineering microbiology** , Volume: 4 Issue: 2 2024 Jun

Authors Zhu Z,Wang M,Guan Y,Li M,Peng Q,Zheng N,Ma W

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

Protective effects of insoluble dietary fiber from cereal bran against DSS-induced chronic colitis in mice: From inflammatory responses, oxidative stress, intestinal barrier, and gut microbiota.

**International journal of biological macromolecules** , Volume: 283 Issue: Pt 2 2024 Dec

Authors Li M,Wang Q,Niu M,Yang H,Zhao S

Daily intake of a dairy-based nutritional supplement improved self-reported gastrointestinal symptoms and modulated microbiota in adult Chinese volunteers.

**Scientific reports** , Volume: 14 Issue: 1 2024 Nov 19

Authors Borewicz K,Zhao Y,Zhu Y

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,Provas AA,Vaziri H,Fan N,Rosenberg DW,Gharaibeh RZ,Jobin C

Protective effect of a newly probiotic Lactobacillus reuteri LY2-2 on DSS-induced colitis.

**European journal of nutrition** , Volume: 64 Issue: 1 2024 Nov 15

Authors Yang Y,Qiao Y,Liu G,Yi G,Liu H,Zhang T,Tong 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

A Novel Synbiotic Protects Against DSS-Induced Colitis in Mice via Anti-inflammatory and Microbiota-Balancing Properties.

**Probiotics and antimicrobial proteins** , 2024 Nov 7

Authors Yang Y,Qiao Y,Liu G,Chen W,Zhang T,Liu J,Fan W,Tong M

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

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

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

Three Days of Oral Azithromycin Versus Five Days of Oral Clarithromycin in the Treatment of Campylobacter Enterocolitis in Children: A Prospective Study.

**Antibiotics (Basel, Switzerland) , Volume: 13 Issue: 10 2024 Oct 14**

Authors Kang HM,Cho YK,Kim YJ,Jeong DC,Yoo IH

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

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

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

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

Soybean oil induces neuroinflammatory response through brain-gut axis under high-fat diet.

**Journal of traditional and complementary medicine , Volume: 14 Issue: 5 2024 Sep**

Authors Liu X,Tao R,Guo F,Zhang L,Qu J,Li M,Wu X,Wang X,Zhu Y,Wen L,Wang J

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

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

Chitosan/gelatin coating loaded with ginger essential oil/ $\beta$ -cyclodextrin inclusion complex on quality and shelf life of blueberries.

**International journal of biological macromolecules , Volume: 279 Issue: Pt 4 2024 Nov**

Authors Hossen MA,Shimul IM,Sameen DE,Rasheed Z,Tanga W,Chen M,Liu Y

Examination of sex-specific interactions between gut microbiota and host metabolism after 12-week combined polyphenol supplementation in individuals with overweight or obesity.

**Gut microbes , Volume: 16 Issue: 1 2024 Jan-Dec**

Authors Jardon KM,Goossens GH,Most J,Galazzo G,Venema K,Penders J,Blaak EE

Role and mechanism of Lactobacillus casei in the modulation of alcohol preference in mice.

**International immunopharmacology , Volume: 141 2024 Nov 15**

Authors Li Y,Yang J,Guo L

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 JI,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

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

Combined analysis of the microbiome and metabolome to reveal the characteristics of saliva from different diets: a comparison among vegans, seafood-based omnivores, and red meat (beef and lamb) omnivores.

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

Authors Sun S,Zhang H,Ye L,Huang L,Du J,Liang X,Zhang X,Chen J,Jiang Y,Chen L

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

Aging Modulates the Effect of Dietary Glycemic Index on Gut Microbiota Composition in Mice.

**The Journal of nutrition** , Volume: 154 Issue: 9 2024 Sep

Authors Zhu Y,Yeo EN,Smith KM,Greenberg AS,Rowan S

The interplay between diet and the gut microbiome: implications for health and disease.

**Nature reviews. Microbiology** , 2024 Jul 15

Authors Ross FC,Patangia D,Grimaud G,Lavelle A,Dempsey EM,Ross RP,Stanton C

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

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

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

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

Prebiotic galactooligosaccharide improves piglet growth performance and intestinal health associated with alterations of the hindgut microbiota during the peri-weaning period.

**Journal of animal science and biotechnology** , Volume: 15 Issue: 1 2024 Jun 13

Authors Boston TE,Wang F,Lin X,Kim SW,Fellner V,Scott MF,Ziegler AL,Van Landeghem L,Blikslager AT,Odle J

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

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

Smoking induced salivary microbiome dysbiosis and is correlated with lipid biomarkers.

**BMC oral health** , Volume: 24 Issue: 1 2024 May 25

Authors Mohammed LI,Razali R,Zakaria ZZ,Benslimane FM,Cyprian F,Al-Asmakh M

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,Hamood AN,Sang S,Neugebauer V

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

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

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

Antibiotic susceptibility pattern of Helicobacter pylori against eight antibiotics: A study from North India.**Helicobacter** , Volume: 29 Issue: 3 2024 May-Jun

Authors Arfi S,Sharma P,Kumar M,Mehra S,Das K,Das R,Setya A

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

Intestinal Barrier Impairment Induced by Gut Microbiome and Its Metabolites in School-Age Children with Zinc Deficiency.**Nutrients** , Volume: 16 Issue: 9 2024 Apr 26

Authors Chai X,Chen X,Yan T,Zhao Q,Hu B,Jiang Z,Guo W,Zhang Y

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 GM,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

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

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

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,Huszcz E,Poplonski J,Villar CJ,Lombó F

Lactobacillus acidophilus LA-5 Ameliorates Inflammation and Alveolar Bone Loss Promoted by A. actinomycetemcomitans and S. gordonii in Mice and Impacts Oral and Gut Microbiomes.**Microorganisms** , Volume: 12 Issue: 4 2024 Apr 22

Authors Bueno MR,Martins FH,Rocha CM,Kawamoto D,Ishikawa KH,Ando-Suguimoto ES,Carlucci AR,Arroteia LS,Casarin RV,Mayer MPA

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

Polygonatum kingianum Polysaccharides Enhance the Preventive Efficacy of Heat-Inactivated Limosilactobacillus reuteri WX-94 against High-Fat-High-Sucrose-Induced Liver Injury and Gut Dysbacteriosis.**Journal of agricultural and food chemistry** , Volume: 72 Issue: 17 2024 May 1

Authors Liu T,Zhou L,Li X,Song W,Liu Y,Wu S,Wang P,Dai X,Shi L

Effect of inulin, galacto-oligosaccharides, and polyphenols on the gut microbiota, with a focus on Akkermansia muciniphila.

**Food & function** , Volume: 15 Issue: 9 2024 May 7

Authors Tian R,Yu L,Tian F,Zhao J,Chen W,Zhai Q

[Antifungal mechanism of Lactiplantibacillus plantarum P10 against Aspergillus niger and its in-situ biopreservative application in Chinese steamed bread.](#)

**Food chemistry** , Volume: 449 2024 Aug 15

Authors Ma M,Li A,Feng J,Wang Z,Jia Y,Ma X,Ning Y

[Protective effect of cellulose and soluble dietary fiber from Saccharina japonica by-products on regulating inflammatory responses, gut microbiota, and SCFAs production in colitis mice.](#)

**International journal of biological macromolecules** , 2024 Apr 3

Authors Cao J,Qin L,Zhang L,Wang K,Yao M,Qu C,Miao J

[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

[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

[Lactobacillus reuteri mitigates hepatic ischemia/reperfusion injury by modulating gut microbiota and metabolism through the Nrf2/HO-1 signaling.](#)

**Biology direct** , Volume: 19 Issue: 1 2024 Mar 18

Authors Zhang L,Gong X,Tan J,Zhang R,Li M,Liu C,Wu C,Li X

[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

[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-Wurttemberg, 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

[The differential effect of two cereal foods on gut environment: a randomized, controlled, double-blind, parallel-group study.](#)

**Frontiers in nutrition** , Volume: 10 2023

Authors Yamauchi Y,Masutomi H,Ishihara K,Hartanto T,Lee CG,Fukuda 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

[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

[Perinatal Use of Citrulline Rescues Hypertension in Adult Male Offspring Born to Pregnant Uremic Rats.](#)

**International journal of molecular sciences** , Volume: 25 Issue: 3 2024 Jan 28

Authors Tain YL,Hou CY,Chang-Chien GP,Lin S,Hsu CN

[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**

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**

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**

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**

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**

Lactobacillus reuteri derived from horse alleviates Escherichia coli-induced diarrhea by modulating gut microbiota.

**Microbial pathogenesis , Volume: 188 2024 Mar**

**Authors Wang D,Zeng J,Wujin C,Ullah Q,Su Z**

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**

Dietary Milk or Isolated Legume Proteins Modulate Intestinal Microbiota Composition in Rats.

**Nutrients , Volume: 16 Issue: 1 2024 Jan 2**

**Authors Rubio LA**

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**

The Inhibitory Activity of Lactobacillus plantarum Supernatant against Enterobacteria, Campylobacter, and Tumor Cells.

**Bulletin of experimental biology and medicine , Volume: 176 Issue: 1 2023 Nov**

**Authors Danilova TA,Adzhieva AA,Mezentseva MV,Suetina IA,Danilina GA,Minko AG,Dmitrieva ML,Zhukhovitsky VG**

Anti-allergic effects of Ulva-derived polysaccharides, oligosaccharides and residues in a murine model of food allergy.

**Heliyon , Volume: 9 Issue: 12 2023 Dec**

**Authors Ou JY,Wei YJ,Liu FL,Huang CH**

A High-Fat Diet Increases the Characteristics of Gut Microbial Composition and the Intestinal Damage Associated with Non-Alcoholic Fatty Liver Disease.

**International journal of molecular sciences , Volume: 24 Issue: 23 2023 Nov 24**

**Authors Zhu X,Cai J,Wang Y,Liu X,Chen X,Wang H,Wu Z,Bao W,Fan H,Wu S**

Effects of Dietary Level of Corn Bran on Laying Performance and Cecum Microbial Communities in Laying Ducks.

**Animals : an open access journal from MDPI , Volume: 13 Issue: 23 2023 Nov 30**

**Authors Hou J,Zeng Q,Ding X,Bai S,Wang J,Peng H,Lv L,Xuan Y,Zeng T,Tian Y,Lu L,Zhang K**

Effects of metronidazole on colorectal cancer occurrence and colorectal cancer liver metastases by regulating Fusobacterium nucleatum in mice.

**Immunity, inflammation and disease , Volume: 11 Issue: 11 2023 Nov**

**Authors Wang M,Li Y,Yang X,Liu Z,Wang K,Gong D,Li J**

Early life exposure to broccoli sprouts confers stronger protection against enterocolitis development in an immunological mouse model of inflammatory bowel disease.

**mSystems , Volume: 8 Issue: 6 2023 Dec 21**

**Authors Holcomb L,Holman JM,Hurd M,Lavoie B,Colucci L,Hunt B,Hunt T,Kinney M,Pathak J,Mawe GM,Moses PL,Perry E,Stratigakis A,Zhang T,Chen G,Ishaq SL,Li 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

Analysis of the influence of host lifestyle (coffee consumption, drinking, and smoking) on Korean oral microbiome.

**Forensic science international. Genetics** , Volume: 68 2024 Jan

Authors Yu KM,Cho HS,Lee AM,Lee JW,Lim SK

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

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

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

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

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

Antibiotic Resistance Rates for Helicobacter pylori in Rural Arizona: A Molecular-Based Study.

**Microorganisms** , Volume: 11 Issue: 9 2023 Sep 12

Authors Monroy FP,Brown HE,Acevedo-Solis CM,Rodríguez-Galaviz A,Dholakia R,Pauli L,Harris RB

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

Longitudinal effects of oral administration of antimicrobial drugs on fecal microbiota of horses.

**Journal of veterinary internal medicine** , 2023 Sep 8

Authors Gomez D,Toribio R,Caddey B,Costa M,Vijan S,Dembek K

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

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

Comparing the Influences of Metformin and Berberine on the Intestinal Microbiota of Rats With Nonalcoholic Steatohepatitis.

**In vivo (Athens, Greece) , Volume: 37 Issue: 5 2023 Sep-Oct**

Authors Chen D,Xiong J,Chen G,Zhang Z,Liu Y,Xu J,Xu H

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

Probiotic containing Lactobacillus reuteri DSM 17648 as an adjunct treatment for Helicobacter pylori infection: A randomized, double-blind, placebo-controlled trial.

**Helicobacter , Volume: 28 Issue: 6 2023 Dec**

Authors Ismail NI,Nawawi KNM,Hsin DCC,Hao KW,Mahmood NRKN,Chearn GLC,Wong Z,Tamil AM,Joseph H,Raja Ali RA

Effects of dietary L-Citrulline supplementation on growth performance, meat quality, and fecal microbial composition in finishing pigs.

**Frontiers in microbiology , Volume: 14 2023**

Authors Du J,Gan M,Xie Z,Zhou C,Jing Y,Li M,Liu C,Wang M,Dai H,Huang Z,Chen L,Zhao Y,Niu L,Wang Y,Zhang S,Guo Z,Shen L,Zhu L

Association of cigarette smoking with risk of colorectal cancer subtypes classified by gut microbiota.

**Tobacco induced diseases , Volume: 21 2023**

Authors Cai JA,Zhang YZ,Yu ED,Ding WQ,Li ZS,Zhong L,Cai QC

Inhibitory activity of Limosilactobacillus reuteri isolated from camel milk against Helicobacter pylori effects in human gastric epithelial cells.

**Biotechnology and applied biochemistry , Volume: 70 Issue: 6 2023 Dec**

Authors Nia FF,Ghasemi A,Saeidi J,Mohdshami M

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

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

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

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

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

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

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

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

The Impact of Smoking on Microbiota: A Narrative Review.**Biomedicines** , Volume: 11 Issue: 4 2023 Apr 10

Authors Cicchinelli S, Rosa F, Manca F, Zanza C, Ojetti V, Covino M, Candelli M, Gasbarrini A, Franceschi F, Piccioni A

Combined effect of metabolites produced by a modified Lactobacillus casei and berry phenolic extract on Campylobacter and microbiome in chicken cecum contents.**Journal of food science** , Volume: 88 Issue: 6 2023 Jun

Authors Tabashsum Z, Alvarado-Martinez Z, Wall MJ, Aditya A, Biswas D

Lactobacillus reuteri strain 8008 attenuated the aggravation of depressive-like behavior induced by CUMS in high-fat diet-fed mice through regulating the gut microbiota.**Frontiers in pharmacology** , Volume: 14 2023

Authors Li C, Su Z, Chen Z, Cao J, Liu X, Xu F

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, Siveri K

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

Lactobacillus plantarum HF02 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

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

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

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

[Microbiome Alterations in Alcohol Use Disorder and Alcoholic Liver Disease.](#)

**International journal of molecular sciences** , Volume: 24 Issue: 3 2023 Jan 27

Authors Litwinowicz K, Gamian A

[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

[New regimens as first-line eradication therapy for Helicobacter pylori infection in patients allergic to penicillin: A randomized controlled trial.](#)

**Helicobacter** , Volume: 28 Issue: 2 2023 Apr

Authors Zhang Y, Suo B, Tian X, Zhang H, Lu H, Yao X, Li C, Ren X, Zhou L, Song Z

[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

[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

[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

[Effects of Dietary Protein Restriction on Colonic Microbiota of Finishing Pigs.](#)

**Animals : an open access journal from MDPI** , Volume: 13 Issue: 1 2022 Dec 20

Authors Liu S, Fan Z

[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

[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, Wettter AJV, Ward RE, Phatak S, Neal C, Armbrust T, Stewart EC, Thomas AJ, Benninghoff AD

[Effects of Polyphenols and Glucosinolates in Broccoli Extract on Human Gut Microorganisms Based on Simulation In Vitro.](#)

**ACS omega** , Volume: 7 Issue: 49 2022 Dec 13

Authors Zhang Y, Jiang C, Huang S, Sun J, Song X, Nishanbaev SZ, Benito MJ, Wu Y

[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

[Broccoli seed extract rich in polysaccharides and glucoraphanin ameliorates DSS-induced colitis via intestinal barrier protection and gut microbiota modulation in mice.](#)

**Journal of the science of food and agriculture** , Volume: 103 Issue: 4 2023 Mar 15

Authors Wu J, Guo W, Cui S, Tang X, Zhang Q, Lu W, Jin Y, Zhao J, Mao B, Chen W

[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

[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

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

Lactobacillus sakei MJM60958 as a Potential Probiotic Alleviated Non-Alcoholic Fatty Liver Disease in Mice Fed a High-Fat Diet by Modulating Lipid Metabolism, Inflammation, and Gut Microbiota.**International journal of molecular sciences** , Volume: 23 Issue: 21 2022 Nov 3

Authors Nguyen HT,Gu M,Werlinger P,Cho JH,Cheng J,Suh JW

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

Effects of Proteases from Pineapple and Papaya on Protein Digestive Capacity and Gut Microbiota in Healthy C57BL/6 Mice and Dose-Manner Response on Mucosal Permeability in Human Reconstructed Intestinal 3D Tissue Model.**Metabolites** , Volume: 12 Issue: 11 2022 Oct 26

Authors Kostiuhenko O,Kravchenko N,Markus J,Burleigh S,Fedkiv O,Cao L,Letasiova S,Skibo G,Fåk Hållenius F,Prykhodko O

Pear pomace soluble dietary fiber ameliorates the negative effects of high-fat diet in mice by regulating the gut microbiota and associated metabolites.**Frontiers in nutrition** , Volume: 9 2022

Authors Ji Y,Mao K,Gao J,Chitrakar B,Sadiq FA,Wang Z,Wu J,Xu C,Sang 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

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

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

Effects of low protein diet with a balanced amino acid pattern on growth performance, meat quality and cecal microflora of finishing pigs.**Journal of the science of food and agriculture** , Volume: 103 Issue: 2 2023 Jan 30

Authors Liu S,Xie J,Fan Z,Ma X,Yin Y

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

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

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

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

[Effects of short-term feeding with high fiber diets on growth, utilization of dietary fiber, and microbiota in pigs.](#)

**Frontiers in microbiology** , Volume: 13 2022

Authors Pu G,Hou L,Du T,Wang B,Liu H,Li K,Niu P,Zhou W,Huang R,Li P

[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

[Metagenomic Changes of Gut Microbiota following Treatment of Helicobacter pylori Infection with a Simplified Low-Dose Quadruple Therapy with Bismuth or Lactobacillus reuteri.](#)

**Nutrients** , Volume: 14 Issue: 14 2022 Jul 6

Authors Dore MP,Sau R,Niolu C,Abbondio M,Tanca A,Bibbò S,Loria M,Pes GM,Uzzau S

[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

[Lactobacillus plantarum Alleviates Obesity by Altering the Composition of the Gut Microbiota in High-Fat Diet-Fed Mice.](#)

**Frontiers in nutrition** , Volume: 9 2022

Authors Ma Y,Fei Y,Han X,Liu G,Fang J

[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

[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

[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

[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

[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

[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

[Detection and isolation of typical gut indigenous bacteria in ICR mice fed wheat bran and wheat straw fibre.](#)

**Food chemistry. Molecular sciences** , Volume: 4 2022 Jul 30

Authors Takei N,Kuda T,Handa N,Fujita S,Takahashi H,Kimura B

[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

[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

[Lactobacillus reuteri CCFM8631 Alleviates Hypercholesterolaemia Caused by the Paigen Atherogenic Diet by Regulating the Gut Microbiota.](#)

**Nutrients** , Volume: 14 Issue: 6 2022 Mar 17

Authors Wang Q,He Y,Li X,Zhang T,Liang M,Wang G,Zhao J,Zhang H,Chen W

[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

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

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

Effects of drinking water supplementation with Lactobacillus reuteri, and a mixture of reuterin and microcin J25 on the growth performance, caecal microbiota and selected metabolites of broiler chickens.**Journal of animal science and biotechnology** , Volume: 13 Issue: 1 2022 Mar 5

Authors Zhang L,Ben Said L,Hervé N,Zirah S,Diarra MS,Fliss I

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

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

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

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

Crosstalk between gut microbiota and host lipid metabolism in a mouse model of alcoholic liver injury by chronic baijiu or ethanol feeding.**Food & function** , Volume: 13 Issue: 2 2022 Jan 24

Authors Fang C,Zhou Q,Liu Q,Jia W,Xu Y

Comparison of Drug Resistance of Helicobacter pylori Between Children and Adults in Jilin, China.**The Turkish journal of gastroenterology : the official journal of Turkish Society of Gastroenterology** , Volume: 32 Issue: 12 2021 Dec

Authors Wang L,Zhang J,Hu M,Pang X

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

Increasing Helicobacter pylori clarithromycin resistance in Australia over 20 years.**Internal medicine journal** , 2021 Dec 5

Authors Schubert JP, Warner MS, Rayner CK, Roberts-Thomson IC, Mangoni AA, Costello S, Bryant RV

Gut microbiome and metabolome in a non-human primate model of chronic excessive alcohol drinking.**Translational psychiatry** , Volume: 11 Issue: 1 2021 Dec 1

Authors Piacentino D, Grant-Beurmann S, Vizioli C, Li X, Moore CF, Ruiz-Rodado V, Lee MR, Joseph PV, Fraser CM, Weerts EM, Leggio L

Mold, Mycotoxins and a Dysregulated Immune System: A Combination of Concern?**International journal of molecular sciences** , Volume: 22 Issue: 22 2021 Nov 12

Authors Kraft S,Buchenaue L,Polte T

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

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

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

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

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

Unravelling the collateral damage of antibiotics on gut bacteria.

**Nature** , Volume: 599 Issue: 7883 2021 Nov

Authors Maier L,Goemans CV,Wirbel J,Kuhn M,Eberl C,Pruteanu M,Müller P,Garcia-Santamarina S,Cacace E,Zhang B,Gekeler C,Banerjee T,Anderson EE,Milanesi A,Löber U,Forslund SK,Patil KR,Zimmermann M,Stecher B,Zeller G,Bork P,Typas A

Gut microbiota link dietary fiber intake and short-chain fatty acid metabolism with eating behavior.

**Translational psychiatry** , Volume: 11 Issue: 1 2021 Oct 1

Authors Medawar E,Haange SB,Rolle-Kampczyk U,Engelmann B,Dietrich A,Thieleking R,Wiegank C,Fries C,Horstmann A,Villringer A,von Bergen M,Fenske W,Veronica Witte A

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,Oliero M,Hajjar R,Gonzalez E,Santos MM

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

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* 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

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

Effects of Smoking on Inflammatory Markers in a Healthy Population as Analyzed via the Gut Microbiota.

**Frontiers in cellular and infection microbiology** , Volume: 11 2021

Authors Yan S,Ma Z,Jiao M,Wang Y,Li A,Ding S

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

Effects of Fermented Milk Containing *Lactocaseibacillus paracasei* Strain Shiota 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  
n-6 High Fat Diet Induces Gut Microbiome Dysbiosis and Colonic Inflammation.

**International journal of molecular sciences** , Volume: 22 Issue: 13 2021 Jun 28

**Authors** Selmin OI,Papoutsis AJ,Hazan S,Smith C,Greenfield N,Donovan MG,Wren SN,Doetschman TC,Snider JM,Snider AJ,Chow SH,Romagnolo DF

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

Effects of Lactobacillus rhamnosus and Enterococcus faecalis Supplementation as Direct-Fed Microbials on Rumen Microbiota of Boer and Speckled Goat Breeds.

**Veterinary sciences** , Volume: 8 Issue: 6 2021 Jun 7

**Authors** Maake TW,Aiyegoro OA,Adeleke MA

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

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 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

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

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,Rádková Ž,Kubánová L,Šardžíková S,Baranovicová E,Klucár L,Beke G,Grendar M,Kolisek M,Šoltys K,Bielik V

Tobacco Smoking and the Fecal Microbiome in a Large, Multi-ethnic Cohort.

**Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology** , Volume: 30 Issue: 7 2021 Jul

**Authors** Prakash A,Peters BA,Cobbs E,Beggs D,Choi H,Li H,Hayes RB,Ahn J

Effects of Whole-Grain and Sugar Content in Infant Cereals on Gut Microbiota at Weaning: A Randomized Trial.

**Nutrients** , Volume: 13 Issue: 5 2021 Apr 28

**Authors** Plaza-Díaz J,Bernal MJ,Schutte S,Chenoll E,Genovés S,Codoñer FM,Gil A,Sanchez-Siles LM

Co-delivery of hesperidin and clarithromycin in a nanostructured lipid carrier for the eradication of Helicobacter pylori in vitro.

**Bioorganic chemistry** , Volume: 112 2021 Jul

**Authors** Sharaf M,Arif M,Khan S,Abdalla M,Shabana S,Chi Z,Liu C

Effects of Protein Restriction and Subsequent Realimentation on Body Composition, Gut Microbiota and Metabolite Profiles in Weaned Piglets.

**Animals : an open access journal from MDPI** , Volume: 11 Issue: 3 2021 Mar 4

**Authors** Hou L,Wang L,Qiu Y,Xiong Y,Xiao H,Yi H,Wen X,Lin Z,Wang Z,Yang X,Jiang Z

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

Sulfoquinovose is a select nutrient of prominent bacteria and a source of hydrogen sulfide in the human gut.

**The ISME journal** , 2021 Mar 31

**Authors** Hanson BT,Dimitri Kits K,Löffler J,Burrichter AG,Fiedler A,Denger K,Frommeyer B,Herbold CW,Rattei T,Karcher N,Segata N,Schleheck D,Loy A

Avenanthramide Metabotype from Whole-Grain Oat Intake is Influenced by Faecalibacterium prausnitzii in Healthy Adults.

**The Journal of nutrition** , Volume: 151 Issue: 6 2021 Jun 1

Authors Wang P,Zhang S,Yerke A,Ohland CL,Gharaibeh RZ,Fouladi F,Fodor AA,Jobin C,Sang S

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

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

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,Hahn KB

Uridine attenuates obesity, ameliorates hepatic lipid accumulation and modifies the gut microbiota composition in mice fed with a high-fat diet.

**Food & function** , Volume: 12 Issue: 4 2021 Mar 1

Authors Liu Y,Xie C,Zhai Z,Deng ZY,De Jonge HR,Wu X,Ruan Z

Probiotic consumption relieved human stress and anxiety symptoms possibly via modulating the neuroactive potential of the gut microbiota.

**Neurobiology of stress** , Volume: 14 2021 May

Authors Ma T,Jin H,Kwok LY,Sun Z,Liong MT,Zhang H

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

Wheat-durum pasta added of inactivated Bifidobacterium animalis decreases glucose and total cholesterol levels and modulates gut microbiota in healthy rats.

**International journal of food sciences and nutrition** , Volume: 72 Issue: 6 2021 Sep

Authors Almada CN,Almada-Érix CN,Costa WKA,Graça JS,Cabral L,Noronha MF,Gonçalves AESS,Santos AD,Lollo PC,Magnani M,Sant'Ana AS

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

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

Blueberry and cranberry anthocyanin extracts reduce bodyweight and modulate gut microbiota in C57BL/6 J 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

Flexibility of Gut Microbiota in Ageing Individuals during Dietary Fiber Long-Chain Inulin Intake.

**Molecular nutrition & food research** , Volume: 65 Issue: 4 2021 Feb

Authors Kiewiet MBG,Elderman ME,El Aidy S,Burgerhof JGM,Visser H,Vaughan EE,Faas MM,de Vos P

Dietary Fiber Intake Alters Gut Microbiota Composition but Does Not Improve Gut Wall Barrier Function in Women with Future Hypertensive Disorders of Pregnancy.

**Nutrients** , Volume: 12 Issue: 12 2020 Dec 17

Authors Tomsett KI,Barrett HL,Dekker EE,Callaway LK,McIntyre DH,Dekker Nitert M

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

Differential Responses to Dietary Protein and Carbohydrate Ratio on Gut Microbiome in Obese vs. Lean Cats.



**Frontiers in microbiology , Volume: 11 2020**

Authors Li Q,Pan Y

[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

[A High-Fat Diet Increases Gut Microbiota Biodiversity and Energy Expenditure Due to Nutrient Difference.](#)**Nutrients , Volume: 12 Issue: 10 2020 Oct 20**

Authors Wang B,Kong Q,Li X,Zhao J,Zhang H,Chen W,Wang G

[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

[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

[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

[Modulatory Effects of Triphala and Manjistha Dietary Supplementation on Human Gut Microbiota: A Double-Blind, Randomized, Placebo-Controlled Pilot Study.](#)**Journal of alternative and complementary medicine (New York, N.Y.) , 2020 Sep 18**

Authors Peterson CT,Pourang A,Dhaliwal S,Kohn JN,Uchitel S,Singh H,Mills PJ,Peterson SN,Sivamani RK

[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

[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

[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

[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 HJM

[Long-term Consumption of 2-O-?-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

[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

[Sulforaphane alter the microbiota and mitigate colitis severity on mice ulcerative colitis induced by DSS.](#)**AMB Express , Volume: 10 Issue: 1 2020 Jul 3**

Authors Zhang Y,Tan L,Li C,Wu H,Ran D,Zhang Z

[The ameliorative effect of Lactobacillus plantarum Y44 oral administration on inflammation and lipid metabolism in obese mice fed with a high fat diet.](#)**Food & function , Volume: 11 Issue: 6 2020 Jun 24**

Authors Liu Y,Gao Y,Ma F,Sun M,Mu G,Tuo Y

[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

[The \*in vitro\* Effect of Fibers With Different Degrees of Polymerization on Human Gut Bacteria.](#)

**Frontiers in microbiology , Volume: 11 2020**

Authors Chen M,Fan B,Liu S,Imam KMSU,Xie Y,Wen B,Xin F

[Low-Fat, High-Fiber Diet Reduces Markers of Inflammation and Dysbiosis and Improves Quality of Life in Patients With Ulcerative Colitis.](#)

**Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association , Volume: 19 Issue: 6 2021 Jun**

Authors Fritsch J,Garces L,Quintero MA,Pignac-Kobinger J,Santander AM,Fernández I,Ban YJ,Kwon D,Phillips MC,Knight K,Mao Q,Santaolalla R,Chen XS,Maruthamuthu M,Solis N,Damas OM,Kerman DH,Deshpande AR,Lewis JE,Chen C,Abreu MT

[Gut Microbiome and Metabolome Response of Pu-erh Tea on Metabolism Disorder Induced by Chronic Alcohol Consumption.](#)

**Journal of agricultural and food chemistry , Volume: 68 Issue: 24 2020 Jun 17**

Authors Liu Y,Luo Y,Wang X,Luo L,Sun K,Zeng L

[Antimicrobial Efficacy of Five Probiotic Strains Against \*Helicobacter pylori\*.](#)

**Antibiotics (Basel, Switzerland) , Volume: 9 Issue: 5 2020 May 11**

Authors Saracino IM,Pavoni M,Sacomanno L,Fiorini G,Pesci V,Foschi C,Piccirilli G,Bernardini G,Holton J,Figura N,Lazzarotto T,Borghi C,Vaira B

[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

[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

[Impact of smoking cessation, coffee and bread consumption on the intestinal microbial composition among Saudis: A cross-sectional study.](#)

**PloS one , Volume: 15 Issue: 4 2020**

Authors Harakeh S,Angelakis E,Karamitros T,Bachar D,Bahijri S,Ajabnoor G,Alfadul SM,Farraj SA,Al Amri T,Al-Hejin A,Ahmed A,Mirza AA,Didier R,Azhar El

[Lactobacillus reuteri NK33 and Bifidobacterium adolescentis NK98 alleviate Escherichia coli-induced depression and gut dysbiosis in mice.](#)

**Journal of microbiology and biotechnology , 2020 Apr 29**

Authors Han SK,Kim JK,Joo MK,Lee KE,Han SW,Kim DH

[A Soluble Fiber Diet Increases Bacteroides fragilis Group Abundance and Immunoglobulin A Production in the Gut.](#)

**Applied and environmental microbiology , Volume: 86 Issue: 13 2020 Jun 17**

Authors Nakajima A,Sasaki T,Itoh K,Kitahara T,Takema Y,Hiramatsu K,Ishikawa D,Shibuya T,Kobayashi O,Osada T,Watanabe S,Nagahara A

[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

[Effectiveness of an oral care tablet containing kiwifruit powder in reducing oral bacteria in tongue coating: A crossover trial.](#)

**Clinical and experimental dental research , Volume: 6 Issue: 2 2020 Apr**

Authors Matsumura Y,Hinode D,Fukui M,Yoshioka M,Asakuma H,Takii H

[Grape Extract Activates Brown Adipose Tissue Through Pathway Involving the Regulation of Gut Microbiota and Bile Acid.](#)

**Molecular nutrition & food research , 2020 Apr 5**

Authors Han X,Guo J,Yin M,Liu Y,You Y,Zhan J,Huang W

[Effect of Saccharomyces boulardii CNCM I-745 as complementary treatment of Helicobacter pylori infection on gut microbiome.](#)

**European journal of clinical microbiology & infectious diseases : official publication of the European Society of Clinical Microbiology , Volume: 39 Issue: 7 2020 Jul**

Authors Cárdenas PA,Garcés D,Prado-Vivar B,Flores N,Fornasini M,Cohen H,Salvador I,Cargua O,Baldeón ME

[Two apples a day modulate human: microbiome co-metabolic processing of polyphenols, tyrosine and tryptophan.](#)

**European journal of nutrition , 2020 Feb 26**

Authors Ulaszewska MM,Koutsos A,Trošt K,Stanstrup J,Garcia-Aloy M,Scholz M,Fava F,Natella F,Scaccini C,Vrhovsek U,Tuohy K,Lovegrove J,Mattivi F

[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

Chungkookjang, a soy food, fermented with *Bacillus amyloliquefaciens* protects gerbils against ischemic stroke injury, and post-stroke hyperglycemia.

**Food research international (Ottawa, Ont.) , Volume: 128 2020 Feb**

Authors Jeong DY,Jeong SY,Zhang T,Wu X,Qiu JY,Park S

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

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,Moscato L,Forte C

Phytochemical Profile, Bioactivity, and Prebiotic Potential of Bound Phenolics Released from Rice Bran Dietary Fiber during in Vitro Gastrointestinal Digestion and Colonic Fermentation.

**Journal of agricultural and food chemistry , Volume: 67 Issue: 46 2019 Nov 20**

Authors Zhang X,Zhang M,Dong L,Jia X,Liu L,Ma Y,Huang F,Zhang R

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

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 Carpiá F,Wojczyk BS,Annayajhala 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

*Lactobacillus reuteri* DSM 17938 feeding of healthy newborn mice regulates immune responses while modulating gut microbiota and boosting beneficial metabolites.

**American journal of physiology. Gastrointestinal and liver physiology , 2019 Sep 4**

Authors Liu Y,Tian X,He B,Hoang TK,Taylor CM,Blanchard E,Freeborn J,Park S,Luo M,Couturier J,Tran DQ,Roos S,Wu G,Rhoads JM

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

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

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

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,Taneri 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

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

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

High-fat diet reduces the level of secretory immunoglobulin A coating of commensal gut microbiota.

**Bioscience of microbiota, food and health** , Volume: 38 Issue: 2 2019

Authors Muhomah TA, Nishino N, Katsumata E, Haoming W, Tsuruta T

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, Jovicic B, Filipic B, Dinic M, Studholme DJ, Fira D, Cotter PD, Kojic M

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

Lactobacillus reuteri Reduces the Severity of Experimental Autoimmune Encephalomyelitis in Mice by Modulating Gut Microbiota.

**Frontiers in immunology** , Volume: 10 2019

Authors He B, Hoang TK, Tian X, Taylor CM, Blanchard E, Luo M, Bhattacharjee MB, Freeborn J, Park S, Couturier J, Lindsey JW, Tran DQ, Rhoads JM, Liu Y

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

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

The effect of drinking water pH on the human gut microbiota and glucose regulation: results of a randomized controlled cross-over intervention.

**Scientific reports** , Volume: 8 Issue: 1 2018 Nov 9

Authors Hansen TH, Thomassen MT, Madsen ML, Kern T, Bak EG, Kashani A, Allin KH, Hansen T, Pedersen O

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

[Long-term intake of Lactobacillus paracasei KW3110 prevents age-related chronic inflammation and retinal cell loss in physiologically aged mice.](#)

**Aging** , Volume: 10 Issue: 10 2018 Oct 19

Authors Morita Y,Jounai K,Sakamoto A,Tomita Y,Sugihara Y,Suzuki H,Ohshio K,Otake M,Fujiwara D,Kanauchi O,Maruyama M

[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

[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

[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 Bodt 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

[A Vegetarian Diet Is a Major Determinant of Gut Microbiota Composition in Early Pregnancy.](#)

**Nutrients** , Volume: 10 Issue: 7 2018 Jul 12

Authors Barrett HL, Gomez-Arango LF, Wilkinson SA, McIntyre HD, Callaway LK, Morrison M, Dekker Nitert M

[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

[Beneficial effects of the commercial lactic acid bacteria product, Vigis 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

[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, Korzhenkov AA, Samarov

NI, Shevchenko MA, Tepluk AV, Alexeev DG

[Role of <i>Lactobacillus reuteri</i> in Human Health and Diseases.](#)

**Frontiers in microbiology** , Volume: 9 2018

Authors Mu Q, Tavella VJ, Luo XM

[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

[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

[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

[A Walnut-Enriched Diet Affects Gut Microbiome in Healthy Caucasian Subjects: A Randomized, Controlled Trial.](#)

**Nutrients** , Volume: 10 Issue: 2 2018 Feb 22

Authors Bamberger C,Rossmeier A,Lechner K,Wu L,Waldmann E,Fischer S,Stark RG,Altenhofer J,Henze K,Parhofer KG

[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

[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

[Alfalfa-containing diets alter luminal microbiota structure and short chain fatty acid sensing in the caecal mucosa of pigs.](#)

**Journal of animal science and biotechnology** , Volume: 9 2018

Authors Wang J,Qin C,He T,Qiu K,Sun W,Zhang X,Jiao N,Zhu W,Yin J

[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

[The Relationship between Habitual Dietary Intake and Gut Microbiota in Young Japanese Women.](#)

**Journal of nutritional science and vitaminology** , Volume: 63 Issue: 6 2017

Authors Seura T,Yoshino Y,Fukuwatari T

[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

[Effects of fermented soymilk with Lactobacillus casei Shirota on skin condition and the gut microbiota: a randomised clinical pilot trial.](#)

**Beneficial microbes** , Volume: 9 Issue: 2 2018 Feb 27

Authors Nagino T,Kaga C,Kano M,Masuoka N,Anbe M,Moriyama K,Maruyama K,Nakamura S,Shida K,Miyazaki K

[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

[Effect of Probiotics on Pharmacokinetics of Orally Administered Acetaminophen in Mice.](#)

**Drug metabolism and disposition: the biological fate of chemicals** , Volume: 46 Issue: 2 2018 Feb

Authors Kim JK,Choi MS,Jeong JJ,Lim SM,Kim IS,Yoo HH,Kim DH

[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

[Gut Microbiome-Induced Shift of Acetate to Butyrate Positively Manages Dysbiosis in High Fat Diet.](#)

**Molecular nutrition & food research** , Volume: 62 Issue: 3 2018 Feb

Authors Si X,Shang W,Zhou Z,Strappe P,Wang B,Bird A,Blanchard C

[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**

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**

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**

Illumina Sequencing Approach to Characterize Thiamine Metabolism Related Bacteria and the Impacts of Thiamine Supplementation on Ruminant Microbiota in Dairy Cows Fed High-Grain Diets.

**Frontiers in microbiology , Volume: 8 2017**

**Authors Pan X,Xue F,Nan X,Tang Z,Wang K,Beckers Y,Jiang L,Xiong B**

Prebiotics Mediate Microbial Interactions in a Consortium of the Infant Gut Microbiome.

**International journal of molecular sciences , Volume: 18 Issue: 10 2017 Oct 4**

**Authors Medina DA,Pinto F,Ovalle A,Thomson P,Garrido 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**

Dietary pomegranate extract and inulin affect gut microbiome differentially in mice fed an obesogenic diet.

**Anaerobe , Volume: 48 2017 Dec**

**Authors Zhang S,Yang J,Henning SM,Lee R,Hsu M,Grojean E,Pisegna R,Ly A,Heber D,Li Z**

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**

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**

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**

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**

Temporal microbiota changes of high-protein diet intake in a rat model.

**Anaerobe , Volume: 47 2017 Oct**

**Authors Mu C,Yang Y,Luo Z,Zhu W**

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**

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

[Dietary High Zinc Oxide Modulates the Microbiome of Ileum and Colon in Weaned Piglets.](#)

**Frontiers in microbiology , Volume: 8 2017**

Authors Yu T,Zhu C,Chen S,Gao L,Lv H,Feng R,Zhu Q,Xu J,Chen Z,Jiang Z

[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

[The effects of micronutrient deficiencies on bacterial species from the human gut microbiota.](#)

**Science translational medicine , Volume: 9 Issue: 390 2017 May 17**

Authors Hibberd MC,Wu M,Rodionov DA,Li X,Cheng J,Griffin NW,Barratt MJ,Giannone RJ,Hettich RL,Osterman AL,Gordon JI

[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

[Effect of <i>Bacillus subtilis</i> and <i>Bacillus licheniformis</i> 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

[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

[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

[Consumption of a diet rich in Brassica vegetables is associated with a reduced abundance of sulphate-reducing bacteria: A randomised crossover study.](#)

**Molecular nutrition & food research , Volume: 61 Issue: 9 2017 Sep**

Authors Kellingray L,Tapp HS,Saha S,Doleman JF,Narbad A,Mithen RF

[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

[Key bacterial families \(Clostridiaceae, Erysipelotrichaceae and Bacteroidaceae\) are related to the digestion of protein and energy in dogs.](#)

**PeerJ , Volume: 5 2017**

Authors Bermingham EN,Maclean P,Thomas DG,Cave NJ,Young W

[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

[Kodo millet whole grain and bran supplementation prevents high-fat diet induced derangements in a lipid profile, inflammatory status and gut bacteria in mice.](#)

**Food & function , Volume: 8 Issue: 3 2017 Mar 22**

Authors Sarma SM,Khare P,Jagtap S,Singh DP,Baboota RK,Podili K,Boparai RK,Kaur J,Bhutani KK,Bishnoi M,Kondepudi KK

[Substituting whole grains for refined grains in a 6-wk randomized trial has a modest effect on gut microbiota and immune and inflammatory markers of healthy adults.](#)

**The American journal of clinical nutrition , Volume: 105 Issue: 3 2017 Mar**

Authors Vanegas SM,Meydani M,Barnett JB,Goldin B,Kane A,Rasmussen H,Brown C,Vangay P,Knights D,Jonnalagadda



S,Koecher K,Karl JP,Thomas M,Dolnikowski G,Li L,Saltzman E,Wu D,Meydani SN

Association of Dietary Patterns With Risk of Colorectal Cancer Subtypes Classified by *Fusobacterium nucleatum* in Tumor Tissue.

**JAMA oncology** , Volume: 3 Issue: 7 2017 Jul 1

Authors Mehta RS,Nishihara R,Cao Y,Song M,Mima K,Qian ZR,Nowak JA,Kosumi K,Hamada T,Masugi Y,Bullman S,Drew DA,Kostic AD,Fung TT,Garrett WS,Huttenhower C,Wu K,Meyerhardt JA,Zhang X,Willett WC,Giovannucci EL,Fuchs CS,Chan AT,Ogino S

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

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

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

Effects of long-term *Bacillus subtilis* CGMCC 1.921 supplementation on performance, egg quality, and fecal and cecal microbiota of laying hens.

**Poultry science** , Volume: 96 Issue: 5 2017 May 1

Authors Guo JR,Dong XF,Liu S,Tong JM

Fucosyllactose and L-fucose utilization of infant *Bifidobacterium longum* and *Bifidobacterium kashiwanohense*.

**BMC microbiology** , Volume: 16 Issue: 1 2016 Oct 26

Authors Bunesova V,Lacroix C,Schwab C

Oral supplementation of healthy adults with 2'-O-fucosyllactose and lacto-N-neotetraose is well tolerated and shifts the intestinal microbiota.

**The British journal of nutrition** , Volume: 116 Issue: 8 2016 Oct

Authors Elison E,Vigsnæs LK,Rindom Krosgaard L,Rasmussen J,Sørensen N,McConnell B,Hennet T,Sommer MO,Bytzer P

Short- and long-term effects of oral vancomycin on the human intestinal microbiota.

**The Journal of antimicrobial chemotherapy** , Volume: 72 Issue: 1 2017 Jan

Authors Isaac S,Scher JU,Djukovic A,Jiménez N,Littman DR,Abramson SB,Pamer EG,Ubeda C

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,Evolino E,Palioto DB,Souza SL,Taba M Jr,Novaes AB Jr,Messora MR

The Human Milk Oligosaccharide 2'-Fucosyllactose Quenches *Campylobacter jejuni*-Induced Inflammation in Human Epithelial Cells HEp-2 and HT-29 and in Mouse Intestinal Mucosa.

**The Journal of nutrition** , Volume: 146 Issue: 10 2016 Oct

Authors Yu ZT,Nanthakumar NN,Newburg DS

Consumption of a high-fat diet alters the seminal fluid and gut microbiomes in male mice.

**Reproduction, fertility, and development** , Volume: 29 Issue: 8 2017 Aug

Authors Javurek AB,Spollen WG,Johnson SA,Bivens NJ,Bromert KH,Givan SA,Rosenfeld CS

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 effects of sodium bicarbonate buffer on rumen fermentation, levels of lipopolysaccharide and biogenic amine, and composition of rumen microbiota.

**Journal of the science of food and agriculture** , Volume: 97 Issue: 4 2017 Mar

Authors Mao S,Huo W,Liu J,Zhang R,Zhu W

Ecophysiological consequences of alcoholism on human gut microbiota: implications for ethanol-related pathogenesis of colon cancer.

**Scientific reports** , Volume: 6 2016 Jun 13

Authors Tsuruya A,Kuwahara A,Saito Y,Yamaguchi H,Tsubo T,Suga S,Inai M,Aoki Y,Takahashi S,Tsutsumi E,Suwa Y,Morita H,Kinoshita K,Totsuka Y,Suda W,Oshima K,Hattori M,Mizukami T,Yokoyama A,Shimoyama T,Nakayama T

[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 Rios-Covián D,Sánchez B,Martínez N,Cuesta I,Hernández-Barranco AM,de Los Reyes-Gavilán CG,Gueimonde M

[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

[Effect of probiotic yoghurt on animal-based diet-induced change in gut microbiota: an open, randomised, parallel-group study.](#)

**Beneficial microbes** , Volume: 7 Issue: 4 2016 Sep

Authors Odamaki T,Kato K,Sugahara H,Xiao JZ,Abe F,Benno Y

[Effect of Formula Containing Lactobacillus reuteri DSM 17938 on Fecal Microbiota of Infants Born by Cesarean-Section.](#)

**Journal of pediatric gastroenterology and nutrition** , Volume: 63 Issue: 6 2016 Dec

Authors Garcia Rodenas CL,Lepage M,Ngom-Bru C,Fotiau A,Papagaroufalos K,Berger B

[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

[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

[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

[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

[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,Lagkouvardos I,Walker A,Lucio M,Michalke B,Schmitt-Kopplin P,Fedorak R,Haller D

[The Colonic Microbiome and Epithelial Transcriptome Are Altered in Rats Fed a High-Protein Diet Compared with a Normal-Protein Diet.](#)

**The Journal of nutrition** , Volume: 146 Issue: 3 2016 Mar

Authors Mu C,Yang Y,Luo Z,Guan L,Zhu W

[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

[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

[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

[Effects of the dietary protein level on the microbial composition and metabolomic profile in the hindgut of the pig.](#)

**Anaerobe** , Volume: 38 2016 Apr

Authors Zhou L,Fang L,Sun Y,Su Y,Zhu W

[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

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

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

Stability of saliva microbiota during moderate consumption of red wine.**Archives of oral biology** , Volume: 60 Issue: 12 2015 Dec

Authors Barroso E,Martín V,Martínez-Cuesta MC,Peláez C,Requena T

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

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

In vitro fermentation of lupin seeds (Lupinus albus) and broad beans (Vicia faba): dynamic modulation of the intestinal microbiota and metabolomic output.**Food & function** , Volume: 6 Issue: 10 2015 Oct

Authors Gullón P,Gullón B,Tavaria F,Vasconcelos M,Gomes AM

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

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 MJ,Jørgensen H,Bach Knudsen KE,Mosenthin R

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

Review article: dietary fibre-microbiota interactions.**Alimentary pharmacology & therapeutics** , Volume: 42 Issue: 2 2015 Jul

Authors Simpson HL,Campbell BJ

Oral Microbiota Shift after 12-Week Supplementation with Lactobacillus reuteri DSM 17938 and PTA 5289; A Randomized Control Trial.**PloS one** , Volume: 10 Issue: 5 2015

Authors Romani Vestman N,Chen T,Lif Holgersson P,Öhman C,Johansson I

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

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

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

High amount of dietary fiber not harmful but favorable for Crohn disease.**The Permanente journal** , Volume: 19 Issue: 1 2015 Winter

**Authors** Chiba M,Tsuiji T,Nakane K,Komatsu M

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 oats improve insulin sensitivity and plasma cholesterol profile and modify gut microbiota composition in C57BL/6J mice.

**The Journal of nutrition** , Volume: 145 Issue: 2 2015 Feb

**Authors** Zhou AL,Hergert N,Rompato G,Lefevre M

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

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

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

Effects of the probiotic Enterococcus faecium NCIMB 10415 on selected lactic acid bacteria and enterobacteria in co-culture.

**Beneficial microbes** , Volume: 6 Issue: 3 2015

**Authors** Starke IC,Zentek J,Vahjen W

Antimicrobial Effect of Lactobacillus reuteri on Cariogenic Bacteria Streptococcus gordonii, Streptococcus mutans, and Periodontal Diseases Actinomyces naeslundii and Tannerella forsythia.

**Probiotics and antimicrobial proteins** , Volume: 7 Issue: 1 2015 Mar

**Authors** Baca-Castañón ML,De la Garza-Ramos MA,Alcázar-Pizaña AG,Grondin Y,Coronado-Mendoza A,Sánchez-Najera RI,Cárdenas-Estrada E,Medina-De la Garza CE,Escamilla-García E

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

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 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

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

Effect of traditional leafy vegetables on the growth of lactobacilli and bifidobacteria.

**International journal of food sciences and nutrition** , Volume: 65 Issue: 8 2014 Dec

**Authors** Kassim MA,Bajjnath H,Odhav B

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

[Coexpression and secretion of endoglucanase and phytase genes in Lactobacillus reuteri.](#)

**International journal of molecular sciences , Volume: 15 Issue: 7 2014 Jul 21**

Authors Wang L,Yang Y,Cai B,Cao P,Yang M,Chen Y

[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

[Fermentable non-starch polysaccharides increases the abundance of Bacteroides-Prevotella-Porphyromonas in ileal microbial community of growing pigs.](#)

**Animal : an international journal of animal bioscience , Volume: 8 Issue: 11 2014 Nov**

Authors Ivarsson E,Roos S,Liu HY,Lindberg JE

[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

[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

[The inhibitory effect of a fermented papaya preparation on growth, hydrophobicity, and acid production of Streptococcus mutans, Streptococcus mitis, and Lactobacillus acidophilus: its implications in oral health improvement of diabetics.](#)

**Food science & nutrition , Volume: 1 Issue: 6 2013 Nov**

Authors Somanah J,Bourdon E,Bahorun T,Aruoma OI

[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

[Lactobacillus sakei modulates mule duck microbiota in ileum and ceca during overfeeding.](#)

**Poultry science , Volume: 93 Issue: 4 2014 Apr**

Authors Vasai F,Ricaud KB,Cauquil L,Daniel P,Peillod C,Gontier K,Tizaoui A,Bouchez O,Combes S,Davail S

[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

[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

[In vitro activity of tigecycline and comparators against Gram-positive and Gram-negative isolates collected from the Middle East and Africa between 2004 and 2011.](#)

**International journal of antimicrobial agents , Volume: 43 Issue: 2 2014 Feb**

Authors Kanj SS,Whitelaw A,Dowzicky MJ

[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

[Association of dietary type with fecal microbiota in vegetarians and omnivores in Slovenia.](#)

**European journal of nutrition , Volume: 53 Issue: 4 2014 Jun**

Authors Matijašić BB,Obermajer T,Lipoglavšek L,Grabnar I,Avguštin G,Rogelj I

[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

[Strict vegetarian diet improves the risk factors associated with metabolic diseases by modulating gut microbiota and reducing intestinal inflammation.](#)

**Environmental microbiology reports , Volume: 5 Issue: 5 2013 Oct**

Authors Kim MS,Hwang SS,Park EJ,Bae JW

[High-fat diet alters gut microbiota physiology in mice.](#)

**The ISME journal , Volume: 8 Issue: 2 2014 Feb**

Authors Daniel H,Gholami AM,Berry D,Desmarchelier C,Hahne H,Loh G,Mondot S,Lepage P,Rothballer M,Walker A,Böhm C,Wenning M,Wagner M,Blaut M,Schmitt-Kopplin P,Kuster B,Haller D,Clavel T

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

Effects of dietary supplementation of *Bacillus amyloliquefaciens* CECT 5940 and *Enterococcus faecium* CECT 4515 in adult healthy dogs.

**Archives of animal nutrition** , Volume: 67 Issue: 5 2013

Authors González-Ortiz G,Castillejos L,Mallo JJ,Àngels Calvo-Torras M,Dolores Baucells M

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

Fatty liver accompanies an increase in lactobacillus species in the hind gut of C57BL/6 mice fed a high-fat diet.

**The Journal of nutrition** , Volume: 143 Issue: 5 2013 May

Authors Zeng H,Liu J,Jackson MI,Zhao FQ,Yan L,Combs GF Jr

Comparative analysis of microbial profiles in cow rumen fed with different dietary fiber by tagged 16S rRNA gene pyrosequencing.

**Current microbiology** , Volume: 67 Issue: 2 2013 Aug

Authors Thoetkiattikul H,Mhuantong W,Laathanachareon T,Tangphatsornruang S,Pattarajinda V,Eurwilaichitr L,Champreda V

In vitro fermentation of commercial a-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

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

The principal fucosylated oligosaccharides of human milk exhibit prebiotic properties on cultured infant microbiota.

**Glycobiology** , Volume: 23 Issue: 2 2013 Feb

Authors Yu ZT,Chen C,Kling DE,Liu B,McCoy JM,Merighi M,Heidtman M,Newburg DS

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

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

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

Grape antioxidant dietary fiber stimulates *Lactobacillus* growth in rat cecum.

**Journal of food science** , Volume: 77 Issue: 2 2012 Feb

Authors Pozuelo MJ,Agís-Torres A,Hervet-Hernández D,Elvira López-Oliva M,Muñoz-Martínez E,Rotger R,Goñi I

Faecal microbiota composition in vegetarians: comparison with omnivores in a cohort of young women in southern India.

**The British journal of nutrition** , Volume: 108 Issue: 6 2012 Sep 28

Authors Kabeerdoss J,Devi RS,Mary RR,Ramakrishna BS

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

High-level dietary fibre up-regulates colonic fermentation and relative abundance of saccharolytic bacteria within the human faecal microbiota in vitro.

**European journal of nutrition** , Volume: 51 Issue: 6 2012 Sep

Authors Shen Q,Zhao L,Tuohy KM

The antimicrobial resistance pattern of cultured human methanogens reflects the unique phylogenetic position of archaea.

**The Journal of antimicrobial chemotherapy** , Volume: 66 Issue: 9 2011 Sep

Authors Dridi B,Fardeau ML,Ollivier B,Raoult D,Drancourt M

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

Investigations into the antiadhesive activity of herbal extracts against Campylobacter jejuni.

**Phytotherapy research : PTR** , Volume: 25 Issue: 8 2011 Aug

Authors Bensch K,Tiralongo J,Schmidt K,Matthias A,Bone KM,Lehmann R,Tiralongo E

Development of biosensor-based assays to identify anti-infective oligosaccharides.

**Analytical biochemistry** , Volume: 410 Issue: 2 2011 Mar 15

Authors Lane JA,Mehra RK,Carrington SD,Hickey RM

[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

A new macrocyclic antibiotic, fidaxomicin (OPT-80), causes less alteration to the bowel microbiota of Clostridium difficile-infected patients than does vancomycin.

**Microbiology (Reading, England)** , Volume: 156 Issue: Pt 11 2010 Nov

Authors Tannock GW,Munro K,Taylor C,Lawley B,Young W,Byrne B,Emery J,Louie T

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

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

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

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

Human gut bacterial communities are altered by addition of cruciferous vegetables to a controlled fruit- and vegetable-free diet.

**The Journal of nutrition** , Volume: 139 Issue: 9 2009 Sep

Authors Li F,Hullar MA,Schwarz Y,Lampe JW

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

Antibiotic-induced perturbations of the intestinal microbiota alter host susceptibility to enteric infection.

**Infection and immunity** , Volume: 76 Issue: 10 2008 Oct

Authors Sekirov I,Tam NM,Jogova M,Robertson ML,Li Y,Lupp C,Finlay BB

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

Metabolism of prebiotic products containing beta(2-1) fructan mixtures by two Lactobacillus strains.

**Anaerobe** , Volume: 14 Issue: 3 2008 Jun

Authors Bañuelos O,Fernández L,Corral JM,Valdivieso-Ugarte M,Adrio JL,Velasco J

Effect of Aloe vera whole leaf extract on short chain fatty acids production by Bacteroides fragilis, Bifidobacterium infantis and Eubacterium limosum.

**Letters in applied microbiology** , Volume: 46 Issue: 5 2008 May

Authors Pogrigna M,Freeman JP,Paine D,Boudreau MD

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

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

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

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

Increase of faecal bifidobacteria due to dietary oligosaccharides induces a reduction of clinically relevant pathogen germs in the faeces of formula-fed preterm infants.

**Acta paediatrica (Oslo, Norway : 1992). Supplement , Volume: 94 Issue: 449 2005 Oct**

Authors Knol J, Boehm G, Lidestri M, Negretti F, Jelinek J, Agosti M, Stahl B, Marini A, Mosca F

Emerging resistance among bacterial pathogens in the intensive care unit—a European and North American Surveillance study (2000-2002).

**Annals of clinical microbiology and antimicrobials , Volume: 3 2004 Jul 29**

Authors Jones ME, Draghi DC, Thornsberry C, Karlowsky JA, Sahm DF, Wenzel RP

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, Lohley GE, Calder AG, Stewart CS, Flint HJ

Antimicrobial susceptibility of the pathogens of bacteraemia in the UK and Ireland 2001-2002: the BSAC Bacteraemia Resistance Surveillance Programme.

**The Journal of antimicrobial chemotherapy , Volume: 53 Issue: 6 2004 Jun**

Authors Reynolds R, Potz N, Colman M, Williams A, Livermore D, MacGowan A, BSAC Extended Working Party on Bacteraemia Resistance Surveillance.

Argentinean collaborative multicenter study on the in vitro comparative activity of piperacillin-tazobactam against selected bacterial isolates recovered from hospitalized patients.

**Diagnostic microbiology and infectious disease , Volume: 47 Issue: 3 2003 Nov**

Authors Casellas JM, Torné G, Bantar C, Bertolini P, Blázquez N, Borda N, Couto E, Cudmani N, Guerrera J, Juárez MJ, López T, Littvik A, Méndez E, Notario R, Ponce G, Quinteros M, Salamone F, Sparo M, Sutich E, Vaylet S, Wolff L

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

Interaction between probiotic lactic acid bacteria and canine enteric pathogens: a risk factor for intestinal Enterococcus faecium colonization?

**Veterinary microbiology , Volume: 92 Issue: 1-2 2003 Mar 20**

Authors Rinkinen M, Jalava K, Westermarck E, Salminen S, Ouwehand AC

Culture-independent microbial community analysis reveals that inulin in the diet primarily affects previously unknown bacteria in the mouse cecum.

**Applied and environmental microbiology , Volume: 68 Issue: 10 2002 Oct**

Authors Apajalahti JH, Kettunen H, Kettunen A, Holben WE, Nurminen PH, Rautonen N, Mutanen M

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

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

Applicability of zinc complex of L-carnosine for medical use.

**Biochemistry. Biokhimiia , Volume: 65 Issue: 7 2000 Jul**

Authors Matsukura T, Tanaka H

Helicobacter pylori eradication treatment reduces the severity of rosacea.

**Journal of the American Academy of Dermatology , Volume: 40 Issue: 3 1999 Mar**

Authors Utas S, Ozbakir O, Turasan A, Utas C

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

Increased growth of Bifidobacterium and Eubacterium by germinated barley foodstuff, accompanied by enhanced butyrate production in healthy volunteers.



**International journal of molecular medicine** , Volume: 3 Issue: 2 1999 Feb

Authors Kanauchi O,Fujiyama Y,Mitsuyama K,Araki Y,Ishii T,Nakamura T,Hitomi Y,Agata K,Saiki T,Andoh A,Toyonaga A,Bamba T

[Microbiological examinations and in-vitro testing of different antibiotics in therapeutic endoscopy of the biliary system.](#)

**Endoscopy** , Volume: 30 Issue: 8 1998 Oct

Authors Lorenz R,Herrmann M,Kassem AM,Lehn N,Neuhaus H,Classen M

[\[Susceptibilities of bacteria isolated from patients with lower respiratory infectious diseases to antibiotics \(1996\)\].](#)

**The Japanese journal of antibiotics** , Volume: 51 Issue: 7 1998 Jul

Authors Ikemoto H,Watanabe K,Mori T,Igari J,Oguri T,Shimizu Y,Terao T,Inoue H,Nakadate T,Ito C,Yoshida T,Ohno I,Tanno

Y,Arakawa M,Igarashi K,Okada M,Ozaki K,Aoki N,Kitamura N,Sekine O,Suzuki Y,Nakata K,Nakatani T,Inagawa H,Kusano N

[Antibiotic susceptibility of potentially probiotic Bifidobacterium isolates from the human gastrointestinal tract.](#)

**Letters in applied microbiology** , Volume: 26 Issue: 5 1998 May

Authors Charteris WP,Kelly PM,Morelli L,Collins JK

[Metronidazole. A therapeutic review and update.](#)

**Drugs** , Volume: 54 Issue: 5 1997 Nov

Authors Freeman CD,Klutman NE,Lamp KC

[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

[In vitro evaluation of activities of nitazoxanide and tizoxanide against anaerobes and aerobic organisms.](#)

**Antimicrobial agents and chemotherapy** , Volume: 40 Issue: 10 1996 Oct

Authors Dubreuil L,Houcke I,Mouton Y,Rosignol JF

[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

[In vitro susceptibility of anaerobic bacteria to nitroimidazoles.](#)

**Scandinavian journal of infectious diseases. Supplementum** , Volume: 26 1981

Authors Olsson-Liljequist B,Nord CE

[Metronidazole: in vitro activity, pharmacology and efficacy in anaerobic bacterial infections.](#)

**Pharmacotherapy** , Volume: 1 Issue: 1 1981 Jul-Aug

Authors Tally FP,Sullivan CE

[Influence of different dietary regimens upon the composition of the human fecal flora.](#)

**Progress in food & nutrition science** , Volume: 7 Issue: 3-4 1983

Authors Noack-Loebel C,Küster E,Rusch V,Zimmermann K

[Influence of diets low in protein or lysine on the cecal flora of rats with reference to cecal contents.](#)

**Journal of nutritional science and vitaminology** , Volume: 29 Issue: 5 1983 Oct

Authors Takahashi M,Kametaka M,Mitsuoka T

[Comparison of populations of human faecal bacteria before and after in vitro incubation with plant cell wall substrates.](#)

**The Journal of applied bacteriology** , Volume: 62 Issue: 3 1987 Mar

Authors Slade AP,Wyatt GM,Bayliss CE,Waite WM

[Diet and faecal flora in the newborn: iron.](#)

**Archives of disease in childhood** , Volume: 66 Issue: 12 1991 Dec

Authors Balmer SE,Wharton BA

[In vitro activities of 36 antimicrobial agents against clinically isolated Bacteroides fragilis.](#)

**Journal of the Formosan Medical Association = Taiwan yi zhi** , Volume: 90 Issue: 8 1991 Aug

Authors Teng LJ,Ho SW,Chang SC,Luh KT,Hsieh WC

[Infectious Disease and Antibacterial Agents](#)

**antimicrobe: Infectious Disease and Antibacterial Agents** , Volume:

Authors E-Sun Technologies

[Additional sources and private correspondence](#)

**Private Correspondance** , Volume: 1 Issue: 2018

[Curated database of commensal, symbiotic and pathogenic microbiota](#)

**Generative Bioinformatics** , Volume: Issue: 2014 Jun

Authors D'Adamo Peter

## Additional APriori Analysis Available

Available at: <https://microbiomeprescription.com/Library/PubMed>

Abdominal Aortic Aneurysm

Acne

Addison's Disease (hypocortisolism)

ADHD

Age-Related Macular Degeneration and Glaucoma

Allergic Rhinitis (Hay Fever)

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

cdk15 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  
Type 1 Diabetes  
Type 2 Diabetes  
Ulcerative colitis  
Unhealthy Ageing  
Vitiligo