

Microbiome Information for: Primary sclerosing cholangitis

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

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Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of Primary sclerosing cholangitis

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
Alphaproteobacteria	class	High	28211	Rothia	genus	High	508215
Bacteroidia	class	High	200643	Ruminococcus	genus	Low	1263
Fusobacteriia	class	High	203490	Streptococcus	genus	High	1301
Gammaproteobacteria	class	High	1236	Succinivibrio	genus	Low	83770
Christensenellaceae	family	Low	990719	Veillonella	genus	High	29465
Lachnospiraceae	family	Low	186803	Eubacteriales	order	Low	186802
Sphingomonadaceae	family	High	41297	Hyphomicrobiales	order	High	356
Anaerostipes	genus	Low	207244	Lactobacillales	order	High	186826
Bacteroides	genus	High	816	Anaerostipes hadrus	species	Low	649756
Blautia	genus	Low	572511	Blautia obeum	species	Low	40520
Coprococcus	genus	Low	33042	Coprococcus catus	species	Low	116085
Desulfovibrio	genus	Low	872	Enterococcus faecium	species	High	1352
Enterococcus	genus	High	1350	Enterococcus gallinarum	species	High	1353
Faecalibacterium	genus	Low	216851	Faecalibacterium prausnitzii	species	Low	853
Fusobacterium	genus	High	848	Klebsiella pneumoniae	species	High	573
Haemophilus	genus	High	724	Mediterraneibacter gnavus	species	Low	33038
Holdemanella	genus	Low	1573535	Parabacteroides distasonis	species	Low	823
Lachnospirillum	genus	Low	1506553	Proteus mirabilis	species	High	584
Lactobacillus	genus	High	1578	Streptococcus parasanguinis	species	High	1318
Phascolarctobacterium	genus	Low	33024	Veillonella dispar	species	High	39778
Rothia	genus	High	32207	Veillonella parvula	species	High	29466

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.

Abstention from eating {Fasting}	
amaranthus {amaranth}	
Avena sativa {Oats}	
bacillus subtilis {B.Subtilis}	10 BCFU/day
Bovine Milk Products {Dairy}	
Camellia Linnaeus {camellia}	
candida albicans (prescription)	
colostrum	
d-galactose {milk sugar}	
Enterococcus faecalis {Streptococcus faecalis}	
Ethyl alcohol {Grain alcohol}	
Fagopyrum esculentum {Buckwheat}	
fat	
Fermented Brassica oleracea {Sauerkraut}	
Galacto-oligosaccharides {GOS}	
Grape Polyphenols {Grape Flavonoids}	
grapes	
Helianthus tuberosus {jerusalem artichoke}	40 gram/day
henopodium quinoa {Quinoa}	
high-fat diets	
High-protein diet {Atkins low-carbohydrate diet}	
high-saturated fat diet	
Lactobacillus Johnsonii {Lactobacillus Johnsonii}	10 BCFU/day
Lactobacillus plantarum {L. plantarum}	60 BCFU/day
Lactose {Milk Sugar}	
laminaria digitata {Oarweed}	
Malus domestica {apple}	
Mannan oligosaccharides {Mannooligosaccharide}	8 gram/day
methiazole,(prescription)	
Morus {Mulberry }	
N-(aminoiminomethyl)-N methyl glycine {Creatine}	
oolong teas	
polyphenols	3 gram/day
proton-pump inhibitors (prescription)	60 mg/day
pseudo-cereals {amaranth,quinoa, taro,buckwheat}	
raffinose {sugar beet}	
red wine	250 ml/day
red wine polyphenols	600 mg/day
resveratrol-pterostilbene {grapes, blueberries}	2 gram/day
resveratrol-pterostilbene x Quercetin {quercetin x resveratrol}	
Sesamum indicum {Sesame}	
synthetic disaccharide derivative of lactose {Lactulose}	
Tobacco consumption {Smoking}	
β-lactoglobulin {Whey}	60 gram/day

Retail Probiotics

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

jarow formula / ideal bowel support® Ip299v®
 Reduz melasma / Lactobacillus Johnsonii
 goodbelly drink
 ImmuneBiotech Medical Sweden AB / GutMagnific®
 HMF Metabolic
 CustomProbiotics.com / L. Plantarum Probiotic Powder
 UltraFlora® Immune Booster
 Bromatech (IT) / Adomelle
 Energybalance / ColoBiotica 28 Colon Support
 microbiome labs / hu58
 NaturalPharma / Profit Probiotics
 Bio Schwartz / Advance Strength Probiotics (40 BCFU)
 UltraFlora® Intensive Care
 Bulk Probiotics / L. Johnsonii Probiotic Powder (Acid Reflux Support)
 Floradapt Cardio
 Purica Probiotic Cardio
 Maple Life Science™ / Lactobacillus plantarum
 HLH BIOPHARMA(DE) / LACTOBACT ® LDL-CONTROL
 powerlabs (au) / ultra blend
 Immune Defense Daily Chewable Probiotic
 Bulk Probiotics / Bacillus Subtilis Probiotic
 aor / probiotic-3
 Metabolics / Lactobacillus Plantarum Powder
 Nature's Lab Cardio
 INVIVO THERAPEUTICS / Bio.Me IB +
 Ombre / Ultimate Immunity
 Purica Probiotic Intensive GI
 optibac / for your cholesterol
 SuperSmart / Lactobacillus Plantarum Postbiotic (Pasturized)
 Floradapt Gut Comfort
 SuperSmart / Bacillus Subtilis
 Nature's Lab Intensive GI
 Maple Life Science™ / Lactobacillus Johnsonii
 amy meyers / primal earth probiotic
 Jetson / Gut Prep
 Bulk Probiotics / L. Plantarum Probiotic Powder
 spain (es) / I3.1
 ferring / vsl#3
 Prescript-Assist®/SBO Probiotic

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}
allium sativum {garlic}	Lactocaseibacillus rhamnosus {l. rhamnosus}
amoxicillin [CFS]	long-term, moderate-intensity exercise {exercise}
ampicillin [CFS]	low protein diet
Amylum {Starch}	Menta × piperita {peppermint}
Azadirachta indica {Neem}	meropenem
bacillus,lactobacillus,streptococcus,saccharomyces probiotic	minocycline [CFS]
benzylpenicillin sodium (antibiotic)	Moringa Oleifera
bifidobacterium	Ocimum tenuiflorum {Tulsi}
Bifidobacterium animalis {B. animalis}	pectin {pectin}
bifidobacterium longum {B.Longum }	Pentahydroxypentane {Xylitol}
Capsicum annuum {Peppers} {Cayenne Pepper, Hot Pepper}	piperacillin-tazobactam
Cinnamomum zeylanicum {Ceylon Cinnamon}	Propolis {Bee glue}
ciprofloxacin [CFS]	resistant starch
Curcuma longa {Turmeric}	Rheum × hybridum {Rhubarb}
dietary fiber	rifaximin
Diferuloylmethane {Curcumin}	Saccharomyces cerevisiae var boulardii {S. boulardii}
Fiber, total dietary	Slow digestible carbohydrates. {Low Glycemic}
fruit	Sodium Chloride {Salt}
fruit/legume fibre	syzygium aromaticum {clove}
gentamicin	Thymus vulgaris {thyme}
Hericium erinaceus {Lion's Mane Mushroom }	vitamin d
Heyndrickxia coagulans {B. coagulans}	walnuts
High-fibre diet {Whole food diet}	wheat
Humulus lupulus compound {Xanthohumol}	whole-grain diet
imipenem	yogurt

Sample of Literature Used

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

[Consistent alterations in faecal microbiomes of patients with primary sclerosing cholangitis independent of associated colitis.](#)

Alimentary pharmacology & therapeutics , Volume: 50 Issue: 5 2019 Sep

Authors Rühlemann M,Liwinski T,Heinsen FA,Bang C,Zenouzi R,Kummen M,Thingholm L,Tempel M,Lieb W,Karlsen T,Lohse A,Hov J,Denk G,Lammert F,Krawczyk M,Schramm C,Franke A

[Fungi participate in the dysbiosis of gut microbiota in patients with primary sclerosing cholangitis.](#)

Gut , Volume: 69 Issue: 1 2020 Jan

Authors Lemoine S,Kemgang A,Ben Belkacem K,Straube M,Jegou S,Corpechot C,Saint-Antoine IBD Network,Chazouillères O,Housset C,Sokol H

[Gut pathobionts underlie intestinal barrier dysfunction and liver T helper 17 cell immune response in primary sclerosing cholangitis.](#)

Nature microbiology , Volume: 4 Issue: 3 2019 Mar

Authors Nakamoto N,Sasaki N,Aoki R,Miyamoto K,Suda W,Teratani T,Suzuki T,Koda Y,Chu PS,Taniki N,Yamaguchi A,Kanamori M,Kamada N,Hattori M,Ashida H,Sakamoto M,Atarashi K,Narushima S,Yoshimura A,Honda K,Sato T,Kanai T

[Distinct gut microbiota profiles in patients with primary sclerosing cholangitis and ulcerative colitis.](#)

World journal of gastroenterology , Volume: 23 Issue: 25 2017 Jul 7

Authors Bajer L,Kverka M,Kostovcik M,Macinga P,Dvorak J,Stehlikova Z,Brezina J,Wohl P,Spicak J,Drastich P

[Characterisation of the faecal microbiota in Japanese patients with paediatric-onset primary sclerosing cholangitis.](#)

Gut , Volume: 66 Issue: 7 2017 Jul

Authors Iwasawa K,Suda W,Tsunoda T,Oikawa-Kawamoto M,Umetu S,Inui A,Fujisawa T,Morita H,Sogo T,Hattori M

[Faecal microbiota profiles as diagnostic biomarkers in primary sclerosing cholangitis.](#)

Gut , Volume: 66 Issue: 4 2017 Apr

Authors Rühlemann MC,Heinsen FA,Zenouzi R,Lieb W,Franke A,Schramm C

[Primary sclerosing cholangitis is characterised by intestinal dysbiosis independent from IBD.](#)

Gut , Volume: 65 Issue: 10 2016 Oct

Authors Sabino J,Vieira-Silva S,Machiels K,Joossens M,Falony G,Ballet V,Ferrante M,Van Assche G,Van der Merwe S,Vermeire S,Raes J

[The gut microbial profile in patients with primary sclerosing cholangitis is distinct from patients with ulcerative colitis without biliary disease and healthy controls.](#)

Gut , Volume: 66 Issue: 4 2017 Apr

Authors Kummen M,Holm K,Anmarkrud JA,Nygård S,Vesterhus M,Hoivik ML,Trøseid M,Marschall HU,Schrumpf E,Moum B,Røsjo H,Aukrust P,Karlsen TH,Hov JR

[Effects of adding Bacillus coagulans to the diet on diarrhea, gut microbiota, and metabolites in yak.](#)

BMC veterinary research , 2025 Dec 16

Authors Zhang C,Luonan D,La Y,Ma X,Wu X,Chu M,Guo X,Pincuo Z,Liang C

[Activated vitamin D\(3\) improves the microbiota and intestinal barrier in type 2 diabetic mice via modulating AMPK activation.](#)

Scientific reports , Volume: 15 Issue: 1 2025 Dec 11

Authors Zhang L,Zhao L,Hu Y,Xiao M,Zheng Y,Wei X,Xiao C,Zhou Z

[Supplementation of Bacillus coagulans and Tributyrin to Danzhou Chickens: Effects on Growth Performance, Antioxidant Status, Immune Response, Intestinal Health, and Cecal Microbiome.](#)

Animals : an open access journal from MDPI , Volume: 15 Issue: 23 2025 Nov 27

Authors Yu X,Xu F,Zhao D,Chai H,Yu Y,Peng W,Xu L,Wu H

[Resveratrol as an Adjunct Antiviral Agent in Pediatric Viral Infections: A Review on Mechanistic Insights and Gut Microbiota Modulation.](#)

International journal of molecular sciences , Volume: 26 Issue: 23 2025 Nov 24

Authors Leonardi R,Lo Bianco M,Spinello S,Betta P,Gagliano C,Calabrese V,Polizzi A,Malaguarnera G

[Impact of dietary supplementation of Bacillus subtilis on the metabolic profiles and microbial ecology of weanling pigs experimentally infected with a pathogenic Escherichia coli.](#)

Journal of animal science and biotechnology , Volume: 16 Issue: 1 2025 Dec 6

Authors Kim K,Park S,Jinno C,ji P,Liu Y

[Moderate increase in dietary fat induces alterations of microbiota and metabolome along the digestive tract prior to systemic metabolic changes: insights from a pig model.](#)

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

Authors Ranson A,Vazquez Gomez M,Alili R,Durrafourd J,Vitalis O,Taillandier P,Rebière C,Merabtene F,Belda E,Crespo-Piazuelo D,Gonzalez-Bulnes A,Marcelin G,Mardinoglu A,Chikh K,Le Roy T,Clément K

Effects of coarse corn or oat hulls on growth performance, intestinal health, and microbiota modulation in underperforming broilers.

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 23 2025 Dec

Authors Akram MZ,Sureda EA,Corion M,Comer L,Zhao H,Schroyen M,Everaert N

Increasing carbohydrates or nitrogenous compounds by cecal infusion leads to an opposite influence on colonic microbiota and host metabolism in a pig model.

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 23 2025 Dec

Authors Pi Y,Mu C,Gao K,Liu Z,Peng Y,Yu K,Su Y,Zhu W

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

BMC sports science, medicine & rehabilitation , 2025 Nov 29

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

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

Journal of dairy science , 2025 Nov 27

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

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

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

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

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

Unveiling the survivability of probiotic CA15 strain with and without fluconazole co-administration and its effect on gut microbiota and metabolome through SHIME® model.

Food research international (Ottawa, Ont.) , Volume: 222 Issue: Pt 2 2025 Dec

Authors Vaccalluzzo A,Celano G,Calabrese FM,Pino A,Caggia C,De Angelis M,Randazzo CL

Dominant Gut Commensals Enriched by Pectin with Low Esterification Degree Orchestrate the Amelioration of Acute Ulcerative Colitis.

Journal of agricultural and food chemistry , Volume: 73 Issue: 47 2025 Nov 26

Authors Tan H,Chen M,Yao H,Li S,Nie S

The regulatory effect of proton pump inhibitors combined with triple therapy on gut microbiota, visceral hypersensitivity and gastrointestinal hormone secretion disorders in elderly patients with non erosive gastroesophageal reflux disease.

Pakistan journal of pharmaceutical sciences , Volume: 38 Issue: 6 2025 Nov-Dec

Authors Nian K,Zhang D

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

Gut Microbiota Dysbiosis and Associated Gut Health Outcomes Among Alcohol Consumers in Musanze District of Rwanda: A Cross-Sectional Study.

The East African health research journal , Volume: 9 Issue: 1 2025

Authors Higiro C,Habyarimana T,Izere C,Yadufashije C,Niyonzima FN

Dual Mechanisms of Raffinose in Attenuating Alcoholic Liver Injury: Gut Microbiota Modulation and Microbiota-Independent Bile Acid Pool Reprogramming.

Journal of agricultural and food chemistry , 2025 Nov 9

Authors Hu L,Duan T,Hao Y,Wang C,Wang L,Xu P,Yang X,Yang X,Li T

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

Frontiers in aging neuroscience , Volume: 17 2025

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

Multi-Strain Probiotics Alleviate Alcoholic Liver Disease Via Microbiota-Metabolism Axis: A Randomized Controlled Study.

Probiotics and antimicrobial proteins , 2025 Nov 3

Authors Feng J,Wu J,Zhang M,Chen W,Zhao J,Lv Y,Lai R,Fang S,Li Y

Dietary composition and fasting regimens differentially impact the gut microbiome and short-chain fatty acid profile in a Pakistani cohort.

Frontiers in systems biology , Volume: 5 2025

Authors Gul F,Herrema H,Ameer A,Davids M,Nasir A,Gerasimidis K,Ijaz UZ,Javed S

Dietary Supplementation with Bacillus licheniformis and Bacillus subtilis Modulates Immunity, Serum Metabolome, and

Intestinal Homeostasis in Cats.**Animals : an open access journal from MDPI , Volume: 15 Issue: 20 2025 Oct 14**

Authors Zhang M,Xu H,Zhang T,Kang J,Xu Z,Wu P,Niu Y,Shi Y,Zhong Y,Yang C

Phytochemical analysis and bioactive potential of Moringa, Eucalyptus, and Nerium extracts against microbial, diabetic, inflammatory, and oxidative stress challenges.**3 Biotech , Volume: 15 Issue: 11 2025 Nov**

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

Effects of different intake levels of brown rice and whole wheat on the mental state of mice.**Food chemistry , Volume: 496 Issue: Pt 2 2025 Oct 9**

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

Impact of four-week rifaximin treatment on abdominal symptoms, psychological state and gut microbiome in diarrhea-predominant irritable bowel syndrome: a pilot study.**European journal of pharmacology , Volume: 1007 2025 Oct 18**

Authors Hong G,Zhao Y,Hou X

Effects of home-based exercise training on gut microbiota and possible relations with cognitive function and metabolic health in postmenopausal women with type 2 diabetes mellitus: a randomized control trial.**Diabetes research and clinical practice , Volume: 229 2025 Oct 17**

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

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

Exercise-induced modulation of gut microbiota in individuals with obesity and type 2 diabetes: a systematic review and meta-analysis.**Frontiers in microbiology , Volume: 16 2025**

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

Regulation of resistant starch, non-starch polysaccharides, resistant oligosaccharides and lignin on the gut microbiota and association with their health benefits.**Food & function , 2025 Oct 9**

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

Lactocaseibacillus casei CB054 short-term supplementation effect on murine splenocyte cytokine transcription and the gut bacterial microbiota.**Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , 2025 Oct 8**

Authors Zorzi VSG,Ramos JV,Conrad NL,Piraine REA,Santos FDS,Leite FPL

Current understanding of starch-polyphenol complexes and their potential in vivo metabolism, impact on gut microbiota and treating diabetes.**Critical reviews in food science and nutrition , 2025 Oct 5**

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

Garlic essential oil alleviate oxidative stress, inflammation and microbiota dybiosis from small intestinal damage in lipopolysaccharide-challenged weaned piglets.**Porcine health management , Volume: 11 Issue: 1 2025 Sep 30**

Authors Chen Y,Song W,Sun C,Chen Y,Chen X,Chen S,Chen Q,Wang K

Lactobacillus johnsonii-derived extracellular vesicles restore mucosal immunity via taurine-linked Th17/Treg and IgA/IgG regulation in colitis.**Journal of nanobiotechnology , Volume: 23 Issue: 1 2025 Sep 29**

Authors Zhao H,Yue N,Mai Z,Zhang Y,Tian C,Kong C,Huang L,Shi R,Liang Y,Yao J,Nie Y,Li D,Nie B,Wang L

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

Dietary Mannan Oligosaccharides Enhance Lactational Performance, Nutrient Metabolism, Plasma Metabolomics, and Gut Microbiota in Dezhou Donkeys.**International journal of molecular sciences , Volume: 26 Issue: 18 2025 Sep 18**

Authors Wang T,Wang Y,Li P,Liu J,Mao X,Li Z,Wen Z,Yin Y,Li Y,Lin G,Zhang H,Qu H,Ma Q,Huang S

The multifaceted impact of a high-salt environment on the immune system and its contribution to salt-sensitive hypertension.**Biochemistry and biophysics reports , Volume: 44 2025 Dec**

Authors Wang L,Hu J,Ren K

[Multi-omics analysis of a prebiotic intervention with pectin in lipid transfer proteins \(LTPs\) allergic patients.](#)

Carbohydrate polymers , Volume: 369 2025 Dec 1

Authors Gómez F,Pérez-Sánchez N,Macías-Camero A,Núñez R,Contreras N,Cañas JA,Jiménez-Sánchez IM,Díez-Echave P,Barbas C,Guéant JL,Barber D,Vieths S,Scheurer S,Villaseñor A,Rodríguez-Nogales A,Mayorga C,Torres MJ

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

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

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

[Effect of Lactiplantibacillus plantarum LPJZ-658 on caecum microbiota and serum metabolomics of Luhua broiler.](#)

Frontiers in microbiology , Volume: 16 2025

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

[Mango by-Product-Based High-Fiber Confectionery Attenuates Liver Steatosis and Alters Gut Microbiota in High-Fat Diet-Fed Rats.](#)

Molecular nutrition & food research , 2025 Aug 30

Authors Barbosa Y,Gaytán-Martínez M,de Los Ríos-Arellano EA,Chavez-Santoscoy RA,Hinojosa-Alvarez S,Antunes-Ricardo M,Luzardo-Ocampo I,Ramírez-Jiménez AK

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

Food & function , 2025 Aug 29

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

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

Probiotics and antimicrobial proteins , 2025 Aug 29

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

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

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

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

[Dietary Jerusalem artichoke polysaccharide supplementation alters the growth performance, ruminal microbes and metabolites, muscle fatty acid and amino acid profiles in fattening lambs.](#)

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 22 2025 Sep

Authors Guo C,Ma D,Zhang C,Wang Y,Ullah F,Wang X,Lee Y,Zhang G

[High-calcium milk improves osteoporosis in postmenopausal women by regulating intestinal flora and steroid hormone biosynthesis.](#)

Frontiers in nutrition , Volume: 12 2025

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

[Complex probiotics can reduce diarrhea by boosting immunity and balancing gut microbiota in weaned piglets.](#)

Frontiers in immunology , Volume: 16 2025

Authors Wang M,Zhou X,Hübertz Birch Hansen L,Sheng Y,Yu B,He J,Yu J,Zheng P

[Lactobacillus johnsonii alleviates experimental colitis by restoring intestinal barrier function and reducing NET-mediated gut-liver inflammation.](#)

Communications biology , Volume: 8 Issue: 1 2025 Aug 14

Authors Liu HY,Yuan P,Li S,Ogamune KJ,Shi X,Zhu C,Ennab W,Hu P,Ahmed AA,Zhang Y,Kim IH,Cai D

[Oat Fiber Alleviates Loperamide-Induced Constipation in Mice by Modulating Intestinal Barrier Function.](#)

Nutrients , Volume: 17 Issue: 15 2025 Jul 29

Authors Shi Y,Han Y,Jiang J,Wang D,Li Z,Sun G,Wang S,Liao W,Xia H,Pan D,Yang L

[Tartary Buckwheat Flavonoids and 25-Hydroxyvitamin D\(3\) Mitigate Fatty Liver Syndrome in Laying Hens: Association with Cecal Microbiota Remodeling and Lipid Metabolic Homeostasis.](#)

Animals : an open access journal from MDPI , Volume: 15 Issue: 15 2025 Jul 27

Authors Li D,Chen B,Zhang Y,Huang Z,Huang Z,Chen X,Sun C,Qi Y,Hu Y,Chen T,Wang S

[Fagopyrum esculentum polysaccharides mitigate obesity by reshaping gut microbiota and enhancing lipid metabolism in high-fat diet-fed mice.](#)

International journal of biological macromolecules , Volume: 322 Issue: Pt 1 2025 Aug 6

Authors Fang CY,Chen SY,Liao CC,Chen JD,Yen GC

[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

[Beneficial Effects of Apple Polyphenol Extract and Time-Restricted Feeding on Ulcerative Colitis and Accompanying Depression-like Behaviors Are Correlated with Gut-Brain Axis Modulation.](#)

Journal of agricultural and food chemistry , 2025 Aug 2

Authors Qian Q,Luan W,Ma J,Chen S,Xie Y,Wu Z,Yang H,Ma J,Shang S,Li J,Li X

[Impact of Heyndrickxia \(Bacillus\) coagulans GBI-30, 6086 \(BC30\) probiotic on gastrointestinal function in healthy adults: a randomised controlled trial.](#)

Beneficial microbes , 2025 Jul 22

Authors Gang H,Wei J,McFarland LV,Zahra R,Saez ME,Blanco-Rojo R,Millette M

[Alterations in Gut Microbiota and Stool Properties Following Treatment with Potassium-Competitive Acid Blocker and Proton Pump Inhibitor.](#)

Digestive diseases and sciences , 2025 Jul 24

Authors Dohi O,Yasuda T,Takagi T,Iwai N,Uchiyama K,Mizushima K,Inoue R,Naito Y,Itoh Y

[The impact of Bifidobacterium longum CCFM1112 on chronic constipation: a randomised, double-blind, placebo-controlled study.](#)

Beneficial microbes , 2025 Jul 21

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

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

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

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

[Synbiotic Administration of d-Tagatose and 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

[Lactobacillus rhamnosus LRa05 Alleviates Constipation via Triaxial Modulation of Gut Motility, Microbiota Dynamics, and SCFA Metabolism.](#)

Foods (Basel, Switzerland) , Volume: 14 Issue: 13 2025 Jun 28

Authors Zhang J,Li Q,Liu S,Wang N,Song Y,Wu T,Zhang M

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

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

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

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

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

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

[Impact of exercise-induced alterations on gut microbiota diversity and composition: comparing effects of different training modalities.](#)

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

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

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

Journal of agricultural and food chemistry , 2025 Jul 2

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

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

Nutrients , Volume: 17 Issue: 12 2025 Jun 17

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

[Oat Protein Isolate Mitigates High-Fat Diet-Induced Obesity in Rats Through Gut Microbiota, Glucose, and Lipid Control.](#)

Foods (Basel, Switzerland) , Volume: 14 Issue: 12 2025 Jun 10

Authors Chen X,Han X,Chen M,Li J,Zhou W,Li R

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

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

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

[Investigation of the Mitigating Mechanism of Bifidobacterium longum 300 in d-Galactose-Induced Cognitive Impairment in](#)

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

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

Enzymatic synthesis of β -galactosylated xylitol derivatives modulates gut microbiota and improves obesity-related metabolic parameters in mice.**Food & function** , 2025 Jun 13

Authors Sabater C, Buonaccorsi M, Delgado-Fernández P, Corzo N, de Las Rivas B, Muñoz R, Alba A, Utrilla P, Moreno FJ

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

Dietary supplementation with soluble corn fiber improved fecal score, microbiota, and SCFAs in dogs.**Frontiers in veterinary science** , Volume: 12 2025

Authors Liang D, Zhao S, Yin G

Lactobacillus plantarum and Galacto-Oligosaccharides Synbiotic Relieve Irritable Bowel Syndrome by Reshaping Gut Microbiota and Attenuating Mast Cell Hyperactivation.**Nutrients** , Volume: 17 Issue: 10 2025 May 14

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

Bifidobacterium animalis Supplementation Improves Intestinal Barrier Function and Alleviates Antibiotic-Associated Diarrhea in Mice.**Foods (Basel, Switzerland)** , Volume: 14 Issue: 10 2025 May 11

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

Suitability of Piperacillin-Tazobactam for Treating Dogs Infected with Extended-Spectrum β -Lactamase-Producing Enterobacterales: Pharmacokinetic and Pharmacodynamic Analysis.**Antibiotics (Basel, Switzerland)** , Volume: 14 Issue: 5 2025 Apr 23

Authors Harada K, Harada H, Kanao Y, Kusumoto M

Effects of Exercise on Gut Microbiome and Serum Metabolomics in Post-Traumatic Osteoarthritis Rats.**Metabolites** , Volume: 15 Issue: 5 2025 May 20

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

Impact of probiotic Lactobacillus plantarum GKM3 on gastrointestinal health in overweight and obese individuals: A randomized clinical trial.**Clinical nutrition ESPEN** , Volume: 68 2025 May 16

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

The protective effects of propolis against lipopolysaccharide-induced acute liver injury by modulating serum metabolites and gut flora.**Scientific reports** , Volume: 15 Issue: 1 2025 May 15

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

Synergistic Biocidal Effects of Curcumin, Chitosan, and Nickel Titanate-Based Nanohybrids for Enhanced Antibacterial and Anticancer Therapies.**ACS applied bio materials** , 2025 May 14

Authors Jeyasingh E, Panneerselvam HM, Chandrasekaran K, Moorthy S

Type 3 resistant starch prepared from euryale ferox alleviated the obesity symptoms via gut microbiota regulation.**International journal of biological macromolecules** , 2025 May 5

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

Inulin Modulates Gut Microbiota and Increases Short-Chain Fatty Acids Levels to Inhibit Colon Tumorigenesis in Rat Models: A Systematic Review and Meta-Analysis.**Journal of food science** , Volume: 90 Issue: 5 2025 May

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

Thyme oil-loaded chitosan microparticles: an antibacterial approach against pathogenic bacteria.**3 Biotech** , Volume: 15 Issue: 5 2025 May

Authors Thakur A, Sharma K

Poricoic Acid A Protects Against High-Salt-Diet Induced Renal Fibrosis by Modulating Gut Microbiota and SCFA Metabolism.**Plant foods for human nutrition (Dordrecht, Netherlands)** , Volume: 80 Issue: 2 2025 Apr 29

Authors Wang X, Xu Y, Wang Y, Xu Y, Tian Y, Wang Y, Wang M

Dietary resistant starch protects against post-antibiotic intestinal damage by restoring microbial homeostasis and preserving

intestinal barrier function in meat duck.

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

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

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

Microorganisms , Volume: 13 Issue: 4 2025 Apr 7

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

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

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

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

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

Associations of alcohol with the human gut microbiome and prospective health outcomes in the FINRISK 2002 cohort.

European journal of nutrition , Volume: 64 Issue: 4 2025 Apr 11

Authors Koponen K,McDonald D,Jousilahti P,Meri G,Inoue M,Lahti L,Niranen T,Männistö S,Havulinna A,Knight R,Salomaa V

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

Probiotics and antimicrobial proteins , 2025 Apr 9

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

Galacto-oligosaccharides alleviate experimental lactose intolerance associated with gut microbiota in mice.

Frontiers in microbiology , Volume: 16 2025

Authors Li Q,Wang X,Guo S,Wang T,Cao H,Cao Y,Dong B

Effects of dietary fiber on the composition, function, and symbiotic interactions of intestinal microbiota in pre-weaned calves.

Frontiers in microbiology , Volume: 16 2025

Authors Lu W,Yi X,Ge Y,Zhang X,Shen K,Zhuang H,Deng Z,Liu D,Cao J,Ma C

Lactobacillus Johnsonii YH1136 alleviates schizophrenia-like behavior in mice: a gut-microbiota-brain axis hypothesis study.

BMC microbiology , Volume: 25 Issue: 1 2025 Apr 2

Authors Zheng L,Xin J,Ye H,Sun N,Gan B,Gong X,Bao S,Xiang M,Wang H,Ni X,Li H,Zhang T

Gut dysbiosis induced by a high-salt diet aggravates atherosclerosis by increasing the absorption of saturated fatty acids in ApoE-deficient mice.

Journal of clinical biochemistry and nutrition , Volume: 76 Issue: 2 2025 Mar

Authors Yoshimura T,Okamura T,Yuge H,Hosomi Y,Kimura T,Ushigome E,Nakanishi N,Sasano R,Ogata T,Hamaguchi M,Fukui M

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

Curcumin Ameliorated Glucocorticoid-Induced Osteoporosis While Modulating the Gut Microbiota and Serum Metabolome.

Journal of agricultural and food chemistry , 2025 Mar 26

Authors Li S,Zhang Y,Ding S,Chang J,Liu G,Hu S

Impact of a High-Fat Diet on the Gut Microbiome: A Comprehensive Study of Microbial and Metabolite Shifts During Obesity.

Cells , Volume: 14 Issue: 6 2025 Mar 20

Authors Mamun MAA,Rakib A,Mandal M,Singh UP

Behavioral alterations in antibiotic-treated mice associated with gut microbiota dysbiosis: insights from 16S rRNA and metabolomics.

Frontiers in neuroscience , Volume: 19 2025

Authors Bibi A,Zhang F,Shen J,Din AU,Xu Y

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

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

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

Combination of dietary fiber and exercise training improves fat loss in mice, but does not ameliorate MASLD more than exercise alone.

American journal of physiology. Gastrointestinal and liver physiology , 2025 Mar 4

Authors Kovynev A,Charchuta MM,Begtašević A,Ducarmon QR,Rensen PCN,Schönke M

Intermittent fasting regulates gut microbiota and serum metabolome profiles in middle-aged mice fed high-fat diet.

Nutrition & metabolism , Volume: 22 Issue: 1 2025 Feb 25

Authors Li Z,Chen S,Yin B,Wei J,Wang D,Zhou H,Sun Z

[Correlation between daily physical activity and intestinal microbiota in perimenopausal women.](#)**Sports medicine and health science , Volume: 7 Issue: 3 2025 May**

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

[Effects of supplementation with vitamin D\(3\) on growth performance, lipid metabolism and cecal microbiota in broiler chickens.](#)**Frontiers in veterinary science , Volume: 12 2025**

Authors Li J,Li X,Tian J,Xu L,Chen Y,Jiang S,Zhang G,Lu J

[Effect of dietary supplementation of Bacillus subtilis QST 713 on constipation, reproductive performance and offspring growth performance of sows.](#)**Animal reproduction science , Volume: 274 2025 Mar**

Authors Li F,Wu D,Ma K,Wei T,Wu J,Zhou S,Xiang S,Zhu Z,Zhang X,Tan C,Luo H,Deng J

[Dairy Consumption and the Colonic Mucosa-Associated Gut Microbiota in Humans-A Preliminary Investigation.](#)**Nutrients , Volume: 17 Issue: 3 2025 Feb 2**

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

[Isolated White Lupin Proteins Beneficially Modulate the Intestinal Microbiota Composition in Rats.](#)**Nutrients , Volume: 17 Issue: 3 2025 Jan 31**

Authors Rubio LA,Chiesa G

[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 effect of high-fiber diet based on gut microbiota in patients with chronic heart failure.](#)**Physiological genomics , Volume: 57 Issue: 3 2025 Mar 1**

Authors Li L,Yang L,Liu M

[Chemical Characterization and Antimicrobial Activity of Green Propolis from the Brazilian Caatinga Biome.](#)**Plants (Basel, Switzerland) , Volume: 13 Issue: 24 2024 Dec 21**

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

[Curcumin Mitigates Gut Dysbiosis and Enhances Gut Barrier Function to Alleviate Metabolic Dysfunction in Obese, Aged Mice.](#)**Biology , Volume: 13 Issue: 12 2024 Nov 21**

Authors Lamichhane G,Olawale F,Liu J,Lee DY,Lee SJ,Chaffin N,Alake S,Lucas EA,Zhang G,Egan JM,Kim Y

[Gut microbiota involvement in the effect of water-soluble dietary fiber on fatty liver and fibrosis.](#)**Bioscience of microbiota, food and health , Volume: 44 Issue: 1 2025**

Authors Sato S,Iino C,Chinda D,Sasada T,Soma G,Tateda T,Furusawa K,Yoshida K,Sawada K,Mikami T,Nakaji S,Sakuraba H,Fukuda S

[Inulin alleviates chronic ketamine-induced impairments in memory and prepulse inhibition by regulating the gut microbiota, inflammation, and kynurenine pathway.](#)**International journal of biological macromolecules , Volume: 294 2025 Mar**

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

[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

[Structural Characterization of Water-Soluble Pectin from the Fruit of Diospyros lotus L. and Its Protective Effects against DSS-Induced Colitis in Mice.](#)**Journal of agricultural and food chemistry , Volume: 73 Issue: 2 2025 Jan 15**

Authors Zhang J,Sun Z,Cheng L,Kang J,Liu Y,Zhao Y,Xiao M,Liu H,Zhu Q,Guo Q,Lin C

[Resveratrol and \$\beta\$ -hydroxy- \$\beta\$ -methylbutyric acid supplementation promotes ileal development and digestive function by altering microbial community abundance and metabolites in Tibetan sheep.](#)**Frontiers in veterinary science , Volume: 11 2024**

Authors Gan J, Ji Q, Su Q, Hou S, Gui L

[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

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

Brazilian journal of biology = Revista brasleira de biología , Volume: 84 2024

Authors Obeidat M,Haddad MA,Ghnamat SA

Urinary microbiome profiling as a non-invasive tool for identifying biomarkers in systemic lupus erythematosus and lupus nephritis.

Frontiers in cellular and infection microbiology , Volume: 14 2024

Authors Shi B,Chen F,Gong J,Khan A,Qian X,Xu Z,Yang P

Gut Microbiota: Association with Fiber Intake, Ultra-Processed Food Consumption, Sex, Body Mass Index, and Socioeconomic Status in Medical Students.

Nutrients , Volume: 16 Issue: 23 2024 Dec 9

Authors Moreno-Altamirano L,Robles-Rivera K,Castelán-Sánchez HG,Vaca-Paniagua F,Iñarritu Pérez MDC,Hernández-Valencia SE,Cruz-Casarrubias C,García-García JJ,Ruiz de la Cruz M,Martínez-Gregorio H,Díaz Velásquez CE,Soto-Estrada G,Navarro-Ocaña A,Carrillo-Medina S

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

Nutrients , Volume: 16 Issue: 23 2024 Nov 30

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

Weizmannia coagulans BC99 Enhances Intestinal Barrier Function by Modulating Butyrate Formation to Alleviate Acute Alcohol Intoxication in Rats.

Nutrients , Volume: 16 Issue: 23 2024 Nov 29

Authors Li C,Zhai S,Duan M,Cao L,Zhang J,Wang Y,Wu Y,Gu S

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

Nutrients , Volume: 16 Issue: 23 2024 Nov 29

Authors Thongwong P,Wattanathorn J,Thukham-Mee W

Dietary fiber pectin alters the gut microbiota and diminishes the inflammatory immune responses in an experimental peach allergy mouse model.

Scientific reports , Volume: 14 Issue: 1 2024 Dec 16

Authors Steigerwald H,Albrecht M,Blissenbach B,Krause M,Wangorsch A,Schott M,Gonzalez-Menendez I,Quintanilla-Martinez L,Toda M,Vieths S,Krut O,Scheurer S,Blanco-Pérez F

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

Food chemistry , Volume: 468 2025 Mar 15

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

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

Evaluation of the Anti-biofilm Activity of Vitamins Against Acinetobacter baumannii and Klebsiella pneumoniae Recovered From Clinical Specimens: An In Vitro and In Silico Analysis.

Cureus , Volume: 16 Issue: 10 2024 Oct

Authors Ganjo AR

Lactobacillus johnsonii GLJ001 prevents DSS-induced colitis in mice by inhibiting M1 macrophage polarization via gut microbiota-SCFAs axis.

International immunopharmacology , Volume: 144 2025 Jan 10

Authors Cai Y,Huang Y,Wang Y,Lin C,Qiu L,Wei H

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

Consumption of resistant potato starch produces changes in gut microbiota that correlate with improvements in abnormal bowel symptoms: a secondary analysis of a clinical trial.

BMC nutrition , Volume: 10 Issue: 1 2024 Nov 27

Authors Bush JR,Alfa MJ

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

Anaerobe , Volume: 91 2024 Nov 26

Authors Kadera M,Nakamura K,Yokoyama S

Effect of Postbiotic Bifidobacterium longum CECT 7347 on Gastrointestinal Symptoms, Serum Biochemistry, and Intestinal

Microbiota in Healthy Adults: A Randomised, Parallel, Double-Blind, Placebo-Controlled Pilot Study.**Nutrients** , Volume: 16 Issue: 22 2024 Nov 19

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

Probiotic-Loaded Bacterial Cellulose as an Alternative to Combat Carbapenem-Resistant Bacterial Infections.**Antibiotics (Basel, Switzerland)** , Volume: 13 Issue: 11 2024 Oct 25

Authors Gutiérrez-Fernández J,Cerezo-Collado L,Garcés V,Alarcón-Guijo P,Delgado-López JM,Dominguez-Vera JM

Lactacaseibacillus rhamnosus LRa05 alleviates cyclophosphamide-induced immunosuppression and intestinal microbiota disorder in mice.**Journal of food science** , Volume: 89 Issue: 12 2024 Dec

Authors Zhu M,Yang L,Kong S,Bai Y,Zhao B

Tea Polyphenols Reduced Obesity by Modulating Gut Microbiota-SCFAs-Barrier and Inflammation in High-Fat Diet-Induced Mice.**Molecular nutrition & food research** , Volume: 68 Issue: 24 2024 Dec

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

Supplementation with inulin reverses cognitive flexibility alterations and modulates the gut microbiota in high-fat-fed mice.**Frontiers in behavioral neuroscience** , Volume: 18 2024

Authors González-Velázquez G,Aguirre-Garrido JF,Oros-Pantoja R,Salinas-Velarde ID,Contreras I,Estrada JA,Soto-Piña AE

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

Improvement and Recovery of Intestinal Flora Disorder Caused by Ciprofloxacin Using Lactic Acid Bacteria.**Probiotics and antimicrobial proteins** , 2024 Nov 20

Authors Su X,Su L,Cao M,Sun Y,Dai J,He Y,Li W,Ge W,Lv X,Zhang Q,Cui S,Chen J,Yang B

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

Bifidobacterium longumBL-19 inhibits oxidative stress and inflammatory damage in the liver of mice with NAFLD by regulating the production of butyrate in the intestine.**Food science & nutrition** , Volume: 12 Issue: 9 2024 Sep

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

PK/PD modelling and simulation of longitudinal meropenem in vivo effects against Escherichia coli and Klebsiella pneumoniae strains with high MICs.**International journal of antimicrobial agents** , Volume: 64 Issue: 6 2024 Dec

Authors Saporta R,Nielsen EI,Hansen JU,Liepinsh E,Minichmayr IK,Friberg LE

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

Timing Matters: Late, but Not Early, Exercise Training Ameliorates MASLD in Part by Modulating the Gut-Liver Axis in Mice.**Journal of pineal research** , Volume: 76 Issue: 8 2024 Dec

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

The Impact of Fermented Milk Products Containing Bifidobacterium longum BB536 on the Gut Environment: A Randomized Double-Blind Placebo-Controlled Trial.**Nutrients** , Volume: 16 Issue: 21 2024 Oct 22

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

Pediococcus pentosaceus RC007 and Saccharomyces boulardii RC009 as antibiotic alternatives for gut health in post-weaning pigs.**Journal of applied microbiology** , 2024 Nov 5

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

Integrated Small Intestine Microbiota and Serum Metabolomics Reveal the Potential Mechanisms of Wine Steaming in Alleviating Rhubarb-Induced Diarrhea.**Journal of inflammation research** , Volume: 17 2024

Authors Bai YY,Tian R,Qian Y,Zhang Q,Zhao CB,Yan YG,Zhang L,Yue SJ,Tang YP

Microbiota-Focused Dietary Approaches to Support Health: A Systematic Review.**The Journal of nutrition** , Volume: 155 Issue: 2 2025 Feb

Authors Hindle VK,Veasley NM,Holscher HD

Apple Polyphenol Extracts Attenuated Depressive-Like Behaviors of High-Sucrose Diet Feeding Mice by Farnesoid X Receptor-Mediated Modulation of Bile Acid Circulation within the Liver-Gut-Brain Axis.

Journal of agricultural and food chemistry , Volume: 72 Issue: 45 2024 Nov 13

Authors Xie Y,Shang S,Luan W,Ma J,Yang H,Qian Q,Wu Z,Li X

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

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

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

Comparison of the Gut Microbiota of Patients Who Improve with Antibiotic Combination Therapy for Ulcerative Colitis and Those Who Do Not: Investigation by Fecal Metagenomic Analyses.

Nutrients , Volume: 16 Issue: 20 2024 Oct 16

Authors Ohkusa T,Kato K,Sekizuka T,Sugiyama T,Sato N,Kuroda M

Impact of Long-term Fasting on Breath Volatile Sulphur Compounds, Inflammatory Markers and Saliva Microbiota Composition.

Oral health & preventive dentistry , Volume: 22 2024 Oct 24

Authors Loumé A,Grundler F,Wilhelmi de Toledo F,Giannopoulou C,Mesnager R

The effect of antibiotics on the intestinal microbiota in children - a systematic review.

Frontiers in allergy , Volume: 5 2024

Authors Wurm J,Curtis N,Zimmermann P

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

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

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

Quinoa ameliorates polycystic ovary syndrome via regulating gut microbiota through PI3K/AKT/mTOR pathway and autophagy.

Nutrition & metabolism , Volume: 21 Issue: 1 2024 Oct 11

Authors Dou J,Wu Y,Hu R,Liu J,Zhang Y,Zhen X,Wu T,Zhang C,Liu Y,Zheng R,Jiang G

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

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

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

Salivary microbiota composition before and after use of proton pump inhibitors in patients with laryngopharyngeal reflux: a self-control study.

BMC oral health , Volume: 24 Issue: 1 2024 Oct 8

Authors Cui X,Yin L,Zhang Y,Jiang X,Li L,Bi X

Garlic Bioconverted by Bacillus subtilis Stimulates the Intestinal Immune System and Modulates Gut Microbiota Composition.

Molecular nutrition & food research , Volume: 68 Issue: 20 2024 Oct

Authors Tonog G,Yu H,Moon SK,Lee S,Jeong H,Kim HS,Kim KB,Suh HJ,Kim H

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

Probiotics and antimicrobial proteins , 2024 Oct 1

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

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

Synthesis of Tellurium Nanoparticles Using Moringa oleifera Extract, and Their Antibacterial and Antibiofilm Effects against Bacterial Pathogens.

Microorganisms , Volume: 12 Issue: 9 2024 Sep 6

Authors Ao B,Jiang H,Cai X,Liu D,Tu J,Shi X,Wang Y,He F,Lv J,Li J,Hu Y,Xia X,Hou J

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

Determinants of raffinose family oligosaccharide use in Bacteroides species.

Journal of bacteriology , Volume: 206 Issue: 10 2024 Oct 24

Authors Basu A,Adams AND,Degnan PH,Vanderpool CK

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

[In vitro and ex vivo metabolism of chemically diverse fructans by bovine rumen Bifidobacterium and Lactobacillus species.](#)

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

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

[Differential growth enhancement followed by notable microbiota modulation in growing-finishing pigs by Bacillus subtilis strains ps4060, ps4100, and a 50:50 strain mixture.](#)

PloS one , Volume: 19 Issue: 9 2024

Authors Song JH,Park SS,Kim IH,Cho Y

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

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

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

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

Frontiers in nutrition , Volume: 11 2024

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

[Effects of Physical Exercise on the Microbiota in Irritable Bowel Syndrome.](#)

Nutrients , Volume: 16 Issue: 16 2024 Aug 11

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

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

Microorganisms , Volume: 12 Issue: 8 2024 Jul 27

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

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

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

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

[Effects of Moringa oleifera Leaf Powder on the Growth Performance, Meat Quality, Blood Parameters, and Cecal Bacteria of Broilers.](#)

Veterinary sciences , Volume: 11 Issue: 8 2024 Aug 14

Authors Akib MG,Rifat A,Bormon C,Dutta A,Ataher MS,Azzam M,Farouk MH,Das R,Azad MAK,Mahfuz S

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

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

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

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

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

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

[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

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

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

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

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

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

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

[Gut microbiota modulatory capacity of fermented ketchup in a validated in vitro model of the colon.](#)

Food research international (Ottawa, Ont.) , Volume: 192 2024 Sep

Authors Küçükgöz K,Venema K,Trzaskowska M

Oral aged garlic (*Allium sativum*) alleviates ulcerative colitis in mice by improving gut homeostasis.

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

Authors Han D,Guan X,Zhu F,Yang Q,Su D

Effects of varying wheat levels on growth performance, intestinal barrier, and cecal microbiota of broilers.

Frontiers in veterinary science , Volume: 11 2024

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

Moringa leaf meal exerts growth benefits in small ruminants through modulating the gastrointestinal microbiome.

Applied microbiology and biotechnology , Volume: 108 Issue: 1 2024 Aug 12

Authors Nehra C,Harshini V,Shukla N,Chavda P,Savaliya K,Patil S,Shah T,Pandit R,Patil NV,Patel AK,Kachhawaha S,Kumawat RN,Joshi M,Joshi CG

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- κ 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

Effect of dietary *Moringa oleifera* on production performance and gut health in broilers.

Journal of advanced veterinary and animal research , Volume: 11 Issue: 2 2024 Jun

Authors Gul S,Hussain F,Taj R,Ullah A

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

Bamboo fiber improves piglet growth performance by regulating the microbial composition of lactating sows and their offspring piglets.

Frontiers in microbiology , Volume: 15 2024

Authors Dai F,Lin T,Jin M,Huang X,Wang L,Ma J,Yu H,Fan X,Nong X,Zuo J

Exploring the anti-inflammatory effects of postbiotic proteins from *Lactobacillus delbrueckii* CIDCA 133 on inflammatory bowel disease model.

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

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

Hepatoprotective potential of four fruit extracts rich in different structural flavonoids against alcohol-induced liver injury via gut microbiota-liver axis.

Food chemistry , Volume: 460 Issue: Pt 2 2024 Dec 1

Authors Chen Y,Ma H,Liang J,Sun C,Wang D,Chen K,Zhao J, Ji S, Ma C,Ye X,Cao J,Wang Y,Sun C

Lactobacillus casei IB1 Alleviates DSS-Induced Inflammatory Bowel Disease by Regulating the Microbiota and Restoring the Intestinal Epithelial Barrier.

Microorganisms , Volume: 12 Issue: 7 2024 Jul 6

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

The Contrasting Effects of Two Distinct Exercise Training Modalities on Exhaustive Exercise-Induced Muscle Damage in Mice May Be Associated with Alterations in the Gut Microbiota.

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

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

Preventive effects of a nutraceutical mixture of berberine, citrus and apple extracts on metabolic disturbances in Zucker fatty rats.

PloS one , Volume: 19 Issue: 7 2024

Authors Siliman Misha M,Destrumelle S,Le Jan D,Mansour NM,Fizanne L,Ouguerram K,Desfontis JC,Mallern MY

Mulberry polyphenols restored both small and large intestinal microflora in db/db mice, potentially alleviating type 2 diabetes.

Food & function , 2024 Jul 26

Authors Li F,Ming J

Improving insulin resistance by sulforaphane via activating the Bacteroides and Lactobacillus SCFAs-GPR-GLP1 signal axis.

Food & function , 2024 Jul 24

Authors Tian S,Lei Y,Zhao F,Che J,Wu Y,Lei P,Kang YE,Shan Y

High-salt diet induces microbiome dysregulation, neuroinflammation and anxiety in the chronic period after mild repetitive closed head injury in adolescent mice.

Brain communications , Volume: 6 Issue: 4 2024

Authors Izzy S,Yahya T,Albastaki O,Cao T,Schwerdtfeger LA,Abou-El-Hassan H,Chopra K,Ekwudo MN,Kurdeikaite U,Verissimo IM,LeServe DS,Lanser TB,Aronchik M,Oliveira MG,Moreira T,Rezende RM,El Khoury J,Cox LM,Weiner HL,Zafonte R,Whalen MJ

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

International journal of obesity (2005) , 2024 Jul 20

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

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

Journal of thermal biology , Volume: 123 2024 Jul

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

A 90-day subchronic exposure to heated tobacco product aerosol caused differences in intestinal inflammation and microbiome dysregulation in rats.

Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco , 2024 Jul 19

Authors Tian Y,Cheng J,Yang Y,Wang H,Fu Y,Li X,Wang W,Ma S,Xu X,Lu F,Feng P,Han S,Chen H,Hou H,Hu Q,Wu C

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

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

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

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

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

The Efficacy of Antimicrobial Peptides Against Gentamicin-Resistant Klebsiella pneumoniae [Letter].

Infection and drug resistance , Volume: 17 2024

Authors Mardiana M

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

Lactobacillus rhamnosus NKU FL1-8 Isolated from Infant Feces Ameliorates the Alcoholic Liver Damage by Regulating the Gut Microbiota and Intestinal Barrier in C57BL/6J Mice.

Nutrients , Volume: 16 Issue: 13 2024 Jul 4

Authors Liu H,Fan D,Wang J,Wang Y,Li A,Wu S,Zhang B,Liu J,Wang S

Regulations of Citrus Pectin Oligosaccharide on Cholesterol Metabolism: Insights from Integrative Analysis of Gut Microbiota and Metabolites.

Nutrients , Volume: 16 Issue: 13 2024 Jun 24

Authors Hu H,Zhang P,Liu F,Pan S

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

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

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

A neurotherapeutic approach with Lactocaseibacillus rhamnosus E9 on gut microbiota and intestinal barrier in MPTP-induced mouse model of Parkinson's disease.

Scientific reports , Volume: 14 Issue: 1 2024 Jul 4

Authors Aktas B,Aslim B,Ozdemir DA

Lactocaseibacillus rhamnosus LRa05 alleviated liver injury in mice with alcoholic fatty liver disease by improving intestinal permeability and balancing gut microbiota.

Beneficial microbes , Volume: 15 Issue: 5 2024 Jul 3

Authors Gu J,Chen Y,Wang J,Gao Y,Gai Z,Zhao Y,Xu F

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

Probiotics and antimicrobial proteins , 2024 Jul 2

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

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

Effects of compatibility of Clostridium butyricum and Bacillus subtilis on growth performance, lipid metabolism, antioxidant

status and cecal microflora of broilers during the starter phase.

Animal bioscience , Volume: 37 Issue: 11 2024 Nov

Authors Zhao X,Zhuang J,Zhang F,Li H,Yu J,Wang C,Lv T,Li Q,Zhang J

Maternal intervention with a combination of galacto-oligosaccharides and hyocholic acids during late gestation and lactation increased the reproductive performance, colostrum composition, antioxidant and altered intestinal microflora in sows.

Frontiers in microbiology , Volume: 15 2024

Authors Yu J,Wang J,Cao C,Gong J,Cao J,Yin J,Wu S,Huang P,Tan B,Fan Z

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

Nutrients , Volume: 16 Issue: 12 2024 Jun 14

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

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

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

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

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

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

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

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

Metabolites , Volume: 14 Issue: 6 2024 May 29

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

Structural characterization and human gut microbiota fermentation in vitro of a polysaccharide from Fucus vesiculosus.

International journal of biological macromolecules , Volume: 275 Issue: Pt 1 2024 Aug

Authors Jia RB,Yang G,Lai H,Zheng Q,Xia W,Zhao M

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

Meat science , Volume: 216 2024 Oct

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

Effects of cyclic antimicrobial lipopeptides from Bacillus subtilis on growth performance, intestinal morphology, and cecal gene expression and microbiota community in broilers.

Animal science journal = Nihon chikusan Gakkaiho , Volume: 95 Issue: 1 2024 Jan-Dec

Authors Chen HW,Yu YH

Fasting-Induced Molting Impacts the Intestinal Health by Altering the Gut Microbiota.

Animals : an open access journal from MDPI , Volume: 14 Issue: 11 2024 May 31

Authors Zhang H,Zhang Y,Gong Y,Zhang J,Li D,Tian Y,Han R,Guo Y,Sun G,Li W,Zhang Y,Zhao X,Zhang X,Wang P,Kang X,Jiang R

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

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

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

Bacillus subtilis SF106 and Bacillus clausii SF174 spores reduce the inflammation and modulate the gut microbiota in a colitis model.

Beneficial microbes , Volume: 15 Issue: 4 2024 Jun 14

Authors Vittoria M,Horwell E,Bastoni D,Saggese A,Baccigalupi L,Cutting SM,Ricca E

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

Frontiers in nutrition , Volume: 11 2024

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

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

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

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

Pectin supplementation accelerates post-antibiotic gut microbiome reconstitution orchestrated with reduced gut redox potential.

The ISME journal , Volume: 18 Issue: 1 2024 Jan 8

Authors Xu R,Feng N,Li Q,Wang H,Li L,Feng X,Su Y,Zhu W

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

Microbiome research reports , Volume: 3 Issue: 2 2024

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

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

The ameliorative and neuroprotective effects of dietary fibre on hyperuricaemia mice: a perspective from microbiome and metabolome.

The British journal of nutrition , Volume: 132 Issue: 3 2024 Aug 14

Authors Wang Y,Miao F,Wang J,Zheng M,Yu F,Yi Y

Hericium erinaceus polysaccharides ameliorate nonalcoholic fatty liver disease via gut microbiota and tryptophan metabolism regulation in an aged laying hen model.

International journal of biological macromolecules , Volume: 273 Issue: Pt 1 2024 Jun 1

Authors Wu L,Hu Z,Lv Y,Ge C,Luo X,Zhan S,Huang W,Shen X,Yu D,Liu B

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

Microbiota characterization throughout the digestive tract of horses fed a high-fiber vs. a high-starch diet.

Frontiers in veterinary science , Volume: 11 2024

Authors Raspa F,Chessa S,Bergero D,Sacchi P,Ferrocino I,Cocolin L,Corvaglia MR,Moretti R,Cavallini D,Valle E

Gut microbiome remodeling and metabolomic profile improves in response to protein pacing with intermittent fasting versus continuous caloric restriction.

Nature communications , Volume: 15 Issue: 1 2024 May 28

Authors Mohr AE,Sweazea KL,Bowes DA,Jasbi P,Whisner CM,Sears DD,Krajmalnik-Brown R,Jin Y,Gu H,Klein-Seetharaman J,Arciero KM,Gumprecht E,Arciero PJ

Potential antivirulence activity of sub-inhibitory concentrations of ciprofloxacin against Proteus mirabilis isolates: an in-vitro and in-vivo study.

Annals of clinical microbiology and antimicrobials , Volume: 23 Issue: 1 2024 May 27

Authors Elhosseini MA,E-Banna TE,Sonbol FI,E-Bouseary MM

Safety and effects of acetylated and butyrylated high amylose maize starch in recently diagnosed youths with type 1 diabetes: a Pilot Study.

medRxiv : the preprint server for health sciences , 2024 Jun 3

Authors Ismail HM,Liu J,Netherland M Jr,Evans-Molina C,DiMeglio LA

The impact of high-salt diet on asthma in humans and mice: Effect on specific T-cell signatures and microbiome.

Allergy , Volume: 79 Issue: 7 2024 Jul

Authors Musiol S,Harris CP,Gschwendtner S,Burrell A,Amar Y,Schnautz B,Renisch D,Braun SC,Haak S,Schlöter M,Schmidt-Weber CB,Zielinski CE,Alessandrini F

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

Curcumin supplementation alleviates hepatic fat content associated with modulation of gut microbiota-dependent bile acid metabolism in patients with nonalcoholic simple fatty liver disease: a randomized controlled trial.

The American journal of clinical nutrition , Volume: 120 Issue: 1 2024 Jul

Authors He Y,Chen X,Li Y,Liang Y,Hong T,Yang J,Cao Z,Mai H,Yao J,Zhang T,Wu K,Zou J,Feng D

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

Nutrients , Volume: 16 Issue: 10 2024 May 15

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

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

Microorganisms , Volume: 12 Issue: 5 2024 May 9

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

Chemical Composition of Turmeric (Curcuma longa L.) Ethanol Extract and Its Antimicrobial Activities and Free Radical Scavenging Capacities.

Foods (Basel, Switzerland) , Volume: 13 Issue: 10 2024 May 16

Authors Wu H,Liu Z,Zhang Y,Gao B,Li Y,He X,Sun J,Choe U,Chen P,Blaustein RA,Yu L

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

Medicine , Volume: 103 Issue: 21 2024 May 24

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

Potential Prebiotic Properties of Whey Protein and Glycomacropeptide in Gut Microbiome.

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

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

Bifidobacterium longum S3 alleviates loperamide-induced constipation by modulating intestinal acetic acid and stearic acid levels in mice.

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

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

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

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

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

Nanoemulsion of cinnamon oil to combat colistin-resistant Klebsiella pneumoniae and cancer cells.

Microbial pathogenesis , Volume: 192 2024 Jul

Authors El-Sherbiny GM,Kalaba MH,Foda AM,M E S,Youssef ASE,A Elsehemy I,Farghal EE,El-Fakharany EM

Effects of fructooligosaccharides and Saccharomyces boulardii on the compositional structure and metabolism of gut microbiota in students.

Microbiological research , Volume: 285 2024 Aug

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

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

Poultry science , Volume: 103 Issue: 7 2024 Jul

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

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

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

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

Fermented Milk Containing Lactocaseibacillus rhamnosus SNU50430 Modulates Immune Responses and Gut Microbiota in Antibiotic-Treated Mice.

Journal of microbiology and biotechnology , Volume: 34 Issue: 6 2024 Jun 28

Authors Yoon S,Park S,Jung SE,Lee C,Kim WK,Choi ID,Ko G

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

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

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

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

Frontiers in physiology , Volume: 15 2024

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

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

Frontiers in veterinary science , Volume: 11 2024

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

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

Metabolomic insights into the profile, bioaccessibility, and transepithelial transport of polyphenols from germinated quinoa during in vitro gastrointestinal digestion/Caco-2 cell transport, and their prebiotic effects during colonic fermentation.

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

Authors Li M,Zhang X,Gao Z,Wu M,Ren T,Wu C,Wang J,Geng Y,Lv W,Zhou Q,Zhao W

The effect of intermittent fasting on microbiota as a therapeutic approach in obesity.

Frontiers in nutrition , Volume: 11 2024

Authors Cadena-Ullauri S,Guevara-Ramírez P,Ruiz-Pozo VA,Tamayo-Trujillo R,Paz-Cruz E,Zambrano-Villacres R,Simancas-Racines D,Zambrano AK

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

Microbial biotechnology , Volume: 17 Issue: 5 2024 May

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

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

Probiotics and antimicrobial proteins , 2024 May 9

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

[Antimicrobial activity of Cinnamomum zeylanicum essential oil against colistin-resistant gram-negative bacteria.](#)

International journal of environmental health research , 2024 May 2

Authors Ben Selma W,Ferjeni S,Farouk A,Marzouk M,Boukadida J

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

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

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

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

Nutrients , Volume: 16 Issue: 8 2024 Apr 13

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

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

Nutrients , Volume: 16 Issue: 8 2024 Apr 13

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

[In Vitro Fermentation Shows Polyphenol and Fiber Blends Have an Additive Beneficial Effect on Gut Microbiota States.](#)

Nutrients , Volume: 16 Issue: 8 2024 Apr 13

Authors Whitman JA,Doherty LA,Pantoja-Feliciano de Goodfellow IG,Racicot K,Anderson DJ,Kensil K,Karl JP,Gibson GR,Soares JW

[PEA-OXA restores cognitive impairments associated with vitamin D deficiency-dependent alterations of the gut microbiota.](#)

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 175 2024 Jun

Authors Guida F,Iannotta M,Perrone M,Infantino R,Giorgini G,Fusco A,Marabese I,Manzo I,Belardo C,Di Martino E,Pağano S,Boccella S,Silvestri C,Luongo L,Di Marzo V,Maione S

[The Water Extract of Rhubarb Prevents Ischemic Stroke by Regulating Gut Bacteria and Metabolic Pathways.](#)

Metabolites , Volume: 14 Issue: 4 2024 Apr 12

Authors Liu X,Wang Y,Tian Y,Hu J,Liu Z,Ma Y,Xu W,Wang W,Gao J,Wang T

[Functional evaluation of Bacillus licheniformis PF9 for its potential in controlling enterotoxigenic Escherichia coli in weaned piglets.](#)

Translational animal science , Volume: 8 2024

Authors Xu H,Gong J,Lu P,Azevedo P,Li L,Yu H,Yang C

[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

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

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

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

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

PloS one , Volume: 19 Issue: 4 2024

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

[Longitudinal Microbiome Changes in Children Exposed to Proton Pump Inhibitors.](#)

Clinical and translational gastroenterology , Volume: 15 Issue: 9 2024 Sep 1

Authors Zhang YJ,Connearney S,Hester L,Du M,Catacora A,Akkara A,Wen A,Bry L,Alm EJ,Rosen R

[Effects of Lactobacillus-fermented low-protein diets on the growth performance, nitrogen excretion, fecal microbiota and metabolomic profiles of finishing pigs.](#)

Scientific reports , Volume: 14 Issue: 1 2024 Apr 14

Authors Liu H,Wang S,Chen M, Ji H,Zhang D

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

Nutrients , Volume: 16 Issue: 7 2024 Apr 7

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

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

Nutrients , Volume: 16 Issue: 7 2024 Apr 5

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

The Human Gut and Dietary Salt: The Bacteroides/Prevotella Ratio as a Potential Marker of Sodium Intake and Beyond.

Nutrients , Volume: 16 Issue: 7 2024 Mar 25

Authors Fagunwa O,Davies K,Bradbury J

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

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

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

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

Journal of agricultural and food chemistry , 2024 Apr 12

Authors Zuo G,Chen M,Zuo Y,Liu F,Yang Y,Li J,Zhou X,Li M,Huang JA,Liu Z,Lin Y

Effect of aerobic exercise and particulate matter exposure duration on the diversity of gut microbiota.

Animal cells and systems , Volume: 28 Issue: 1 2024

Authors Imdad S,Kim JH,So B,Jang J,Park J,Lim W,Lee YK,Shin WS,Hillyer T,Kang C

Bacillus coagulans regulates gut microbiota and ameliorates the alcoholic-associated liver disease in mice.

Frontiers in microbiology , Volume: 15 2024

Authors Liu Z,Liu T,Zhang Z,Fan Y

Effects of Bacillus coagulans TBC169 on gut microbiota and metabolites in gynecological laparoscopy patients.

Frontiers in microbiology , Volume: 15 2024

Authors Gao W,Yan Y,Guan Z,Zhang J,Chen W

Cognitive behavioral and mindfulness with daily exercise intervention is associated with changes in intestinal microbial taxa and systemic inflammation in patients with Crohn's disease.

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

Authors K I,Y M,A N,D S,G G,R S,D G,V S,N O,S M,F S,R S,O J,M G,A M

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

Candida albicans overgrowth disrupts the gut microbiota in mice bearing oral cancer.

Mycology , Volume: 15 Issue: 1 2024

Authors Wang X,Wu S,Li L,Yan Z

Polysaccharides from an edible mushroom, Hericium erinaceus, alleviate ulcerative colitis in mice by inhibiting the NLRP3 inflammasomes and reestablish intestinal homeostasis.

International journal of biological macromolecules , Volume: 267 Issue: Pt 1 2024 May

Authors Li H,Feng J,Liu C,Hou S,Meng J,Liu JY,Zilong S,Chang MC

Curcumin alleviates cecal oxidative injury in diquat-induced broilers by regulating the Nrf2/ARE pathway and microflora.

Poultry science , Volume: 103 Issue: 5 2024 May

Authors Wu F,Zhao M,Tang Z,Wang F,Han S,Liu S,Chen B

Responses of intestinal morphology, immunity, antioxidant status and cecal microbiota to the mixture of glycerol monolaurate and cinnamaldehyde in laying hens.

Poultry science , Volume: 103 Issue: 6 2024 Jun

Authors Chen MY,Duan YL,Zhu Y,Wang JH,Hu QB,Guo SS,Ding BY,Zhang ZF,Li LL

Effects of Bifidobacterium animalis subsp. lactis IU100 on Immunomodulation and Gut Microbiota in Immunosuppressed Mice.

Microorganisms , Volume: 12 Issue: 3 2024 Feb 29

Authors Zhou L,Yin X,Fang B,He J,Zhan J,Zhang X,Wang R

Relationships between Habitual Polyphenol Consumption and Gut Microbiota in the INCLD Health Cohort.

Nutrients , Volume: 16 Issue: 6 2024 Mar 8

Authors Vita AA,Roberts KM,Gundersen A,Farris Y,Zwickey H,Bradley R,Weir TL

Gut Microbiota and Inflammation Modulation in a Rat Model for Ulcerative Colitis after the Intraperitoneal Administration of Apigenin, Luteolin, and Xanthohumol.

International journal of molecular sciences , Volume: 25 Issue: 6 2024 Mar 12

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

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

The food additive xylitol enhances the butyrate formation by the child gut microbiota developed in a dynamic colonic

simulator.

Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association , Volume: 187 2024 May

Authors Bellanco A,Celcar Š,Martínez-Cuesta MC,Requena T

Associations Between Health Behaviors, Gastrointestinal Symptoms, and Gut Microbiota in a Cross-Sectional Sample of Cancer Survivors: Secondary Analysis from the Chemo-Gut Study.

Integrative cancer therapies , Volume: 23 2024 Jan-Dec

Authors Deleemans JM,Chleilat F,Reimer RA,Lawal OA,Baydoun M,Piedalue KA,Lowry DE,Carlson LE

Impact of polyphenol-loaded edible starch nanomaterials on antioxidant capacity and gut microbiota.

International journal of biological macromolecules , Volume: 265 Issue: Pt 1 2024 Apr

Authors Lei W,Qi M,Tan P,Yang S,Fan L,Li H,Gao Z

Anti-inflammatory probiotics HF05 and HF06 synergistically alleviate ulcerative colitis and secondary liver injury.

Food & function , Volume: 15 Issue: 7 2024 Apr 2

Authors Liu C,Qi X,Liu X,Sun Y,Mao K,Shen G,Ma Y,Li Q

Bifidobacterium longum GL001 alleviates rat intestinal ischemia-reperfusion injury by modulating gut microbiota composition and intestinal tissue metabolism.

Food & function , Volume: 15 Issue: 7 2024 Apr 2

Authors Tang J,Zhao M,Miao X,Chen H,Zhao B,Wang Y,Guo Y,Wang T,Cheng X,Ruan H,Zhang J

Prebiotic inulin ameliorates SARS-CoV-2 infection in hamsters by modulating the gut microbiome.

NPJ science of food , Volume: 8 Issue: 1 2024 Mar 14

Authors Song I,Yang J,Saito M,Hartanto T,Nakayama Y,Ichinohe T,Fukuda S

Targeting Gut Microbiome With Prebiotic in Patients With CKD: The TarGut-CKD Study.

Kidney international reports , Volume: 9 Issue: 3 2024 Mar

Authors Sohn MB,Gao B,Kendrick C,Srivastava A,Isakova T,Gassman JJ,Fried LF,Wolf M,Cheung AK,Raphael KL,Vinales PC,Middleton JP,Pabalan A,Raj DS,Pilot Studies in CKD Consortium

Diet Mediate the Impact of Host Habitat on Gut Microbiome and Influence Clinical Indexes by Modulating Gut Microbes and Serum Metabolites.

Advanced science (Weinheim, Baden-Wurtemberg, Germany) , 2024 Mar 13

Authors Zhang J,Qi H,Li M,Wang Z,Jia X,Sun T,Du S,Su C,Zhi M,Du W,Ouyang Y,Wang P,Huang F,Jiang H,Li L,Bai J,Wei Y,Zhang X,Wang H,Zhang B,Feng Q

Anti-diabetic effect of red quinoa polysaccharide on type 2 diabetic mellitus mice induced by streptozotocin and high-fat diet.

Frontiers in microbiology , Volume: 15 2024

Authors Zang Y,Ge Y,Cao Y,Tang H

Polyphenols Influence the Development of Endometrial Cancer by Modulating the Gut Microbiota.

Nutrients , Volume: 16 Issue: 5 2024 Feb 28

Authors Baranowska-Wójcik E,Winiarska-Mieczan A,Olcha P,Kwiecien M,Jachimowicz-Rogowska K,Nowakowski L,Miturski A,Galczyński K

Lactobacillus paracasei ZFM54 alters the metabolomic profiles of yogurt and the co-fermented yogurt improves the gut microecology of human adults.

Journal of dairy science , Volume: 107 Issue: 8 2024 Aug

Authors Chen X,Zhu Z,Zhang X,Chen L,Gu Q,Li P

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

Short term supplementation with cranberry extract modulates gut microbiota in human and displays a bifidogenic effect.

NPJ biofilms and microbiomes , Volume: 10 Issue: 1 2024 Mar 6

Authors Lessard-Lord J,Roussel C,Lupien-Meilleur J,Généreux P,Richard V,Guay V,Roy D,Desjardins Y

Microencapsulation with fructooligosaccharides and whey protein enhances the antioxidant activity of anthocyanins and their ability to modulate gut microbiota in vitro.

Food research international (Ottawa, Ont.) , Volume: 181 2024 Apr

Authors Li X,Wang Y,Jiang Y,Liu C,Zhang W,Chen W,Tian L,Sun J,Lai C,Bai W

Short-Term Ingestion of Essential Amino Acid Based Nutritional Supplements or Whey Protein Improves the Physical Function of Older Adults Independently of Gut Microbiome.

Molecular nutrition & food research , Volume: 68 Issue: 6 2024 Mar

Authors Azhar G,Verma A,Robeson MS,Patyal P,Nookaew I,Sharma S,Pangle A,Che Y,Wolfe RR,Wei JY

Curcumin protects mice with myasthenia gravis by regulating the gut microbiota, short-chain fatty acids, and the Th17/Treg balance.

Heliyon , Volume: 10 Issue: 4 2024 Feb 29

Authors Sun J,Xie Q,Sun M,Zhang W,Wang H,Liu N,Wang M

Growth performance, lipid metabolism, and systemic immunity of weaned piglets were altered by buckwheat protein through the modulation of gut microbiota.

Molecular genetics and genomics : MGG , Volume: 299 Issue: 1 2024 Feb 27

Authors Tu W,Nie W,Yao X,Zhang J,Zhang H,Di D,Li Z

Curcumin attenuates aflatoxin B1-induced ileum injury in ducks by inhibiting NLRP3 inflammasome and regulating TLR4/NF- κ B signaling pathway.

Mycotoxin research , Volume: 40 Issue: 2 2024 May

Authors Pan H,Hu T,He Y,Zhong G,Wu S,Jiang X,Rao G,You Y,Ruan Z,Tang Z,Hu L

The Immunomodulatory Effects of A2 β -Casein on Immunosuppressed Mice by Regulating Immune Responses and the Gut Microbiota.

Nutrients , Volume: 16 Issue: 4 2024 Feb 13

Authors Li X,Lu X,Liu M,Zhang Y,Jiang Y,Yang X,Man C

Inulin alters gut microbiota to alleviate post-stroke depressive-like behavior associated with the IGF-1-mediated MAPK signaling pathway.

Brain and behavior , Volume: 14 Issue: 1 2024 Jan

Authors Shao R,Tan X,Pan M,Huang J,Huang L,Bi B,Huang X,Wang J,Li X

Bifidobacterium animalis subsp. lactis A6 attenuates hippocampal damage and memory impairments in an ADHD rat model.

Food & function , Volume: 15 Issue: 5 2024 Mar 4

Authors Yin X,Liu W,Feng H,Huang J,Wang Q,Zhang Q,He J,Wang R

Gut enterotype-dependent modulation of gut microbiota and their metabolism in response to xanthohumol supplementation in healthy adults.

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

Authors Jamieson PE,Smart EB,Bouranis JA,Choi J,Danczak RE,Wong CP,Paraiso IL,Maier CS,Ho E,Sharpton TJ,Metz TO,Bradley R,Stevens JF

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

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

Temporal variations in the gut microbial diversity in response to high-fat diet and exercise.

Scientific reports , Volume: 14 Issue: 1 2024 Feb 8

Authors Imdad S,So B,Jang J,Park J,Lee SJ,Kim JH,Kang C

Anti-Diabetic Potentials of Lactobacillus Strains by Modulating Gut Microbiota Structure and β -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

Antibacterial activity of plant-derived compounds and cream formulations against canine skin bacteria.

Veterinary research communications , 2024 Feb 7

Authors Strompfová V,Štempelová L,Wolaschka T

Benefits of Monascus anka solid-state fermentation for quinoa polyphenol bioaccessibility and the anti-obesity effect linked with gut microbiota.

Food & function , Volume: 15 Issue: 4 2024 Feb 19

Authors Huang K,Chu G,Yang P,Liu Y,Zhang Y,Guan X,Li S,Song H,Zhang Y

Study on the relationship between tea polyphenols alleviating osteoporosis and the changes of microorganism-metabolite-intestinal barrier.

Microbial pathogenesis , Volume: 188 2024 Mar

Authors Wen X,Wu P,Li F,Pi G

Mitigation of high-fat diet-induced hepatic steatosis by thyme (Thymus quinquecostatus Celak) polyphenol-rich extract (TPE): insights into gut microbiota modulation and bile acid metabolism.

Food & function , 2024 Feb 2

Authors Sheng X,Zhan P,Wang P,He W,Tian H

Unraveling the gut health puzzle: exploring the mechanisms of butyrate and the potential of High-Amylose Maize Starch

Butyrate (HAMSB) in alleviating colorectal disturbances.

Frontiers in nutrition , Volume: 11 2024

Authors Cheng J,Zhou J

Temporal gut microbiota variability and association with dietary patterns: From the one-year observational Diet, Cancer, and Health - Next Generations MAX study.

The American journal of clinical nutrition , Volume: 119 Issue: 4 2024 Apr

Authors Rostgaard-Hansen AL,Esberg A,Dicksved J,Hansen T,Pelvé E,Brunius C,Halkjær J,Tjønneland A,Johansson I,Landberg R

Bifidobacterium animalis subsp. lactis F1-7 Alleviates Lipid Accumulation in Atherosclerotic Mice via Modulating Bile Acid Metabolites to Downregulate Intestinal FXR.

Journal of agricultural and food chemistry , Volume: 72 Issue: 5 2024 Feb 7

Authors Liang X,Zheng X,Wang P,Zhang H,Ma Y,Liang H,Zhang Z

Quinoa alleviates osteoporosis in ovariectomized rats by regulating gut microbiota imbalance.

Journal of the science of food and agriculture , Volume: 104 Issue: 9 2024 Jul

Authors Dou J,Liang Z,Liu J,Liu N,Hu X,Tao S,Zhen X,Yang L,Zhang J,Jiang G

Pediatric Autoimmune Neuropsychiatric Disorders Associated with Streptococcal Infections (PANDAS) Syndrome: A 10-Year Retrospective Cohort Study in an Italian Centre of Pediatric Rheumatology.

Microorganisms , Volume: 12 Issue: 1 2023 Dec 19

Authors La Bella S,Attanasi M,Di Ludovico A,Scorrano G,Mainieri F,Ciarelli F,Lauriola F,Silvestrini L,Girlando V,Chiarelli F,Breda 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

Investigating the Health Implications of Whey Protein Consumption: A Narrative Review of Risks, Adverse Effects, and Associated Health Issues.

Healthcare (Basel, Switzerland) , Volume: 12 Issue: 2 2024 Jan 18

Authors Cava E,Padua E,Campaci D,Bernardi M,Muthanna FMS,Caprio M,Lombardo M

Wheat Bran Polyphenols Ameliorate DSS-Induced Ulcerative Colitis in Mice by Suppressing MAPK/NF- κ 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

Lactic acid fermentation of goji berries (Lycium barbarum) prevents acute alcohol liver injury and modulates gut microbiota and metabolites in mice.

Food & function , Volume: 15 Issue: 3 2024 Feb 5

Authors Duan W,Zhou L,Ren Y,Liu F,Xue Y,Wang FZ,Lu R,Zhang XJ,Shi JS,Xu ZH,Geng Y

Impact of Bacillus licheniformis from yaks following antibiotic therapy in mouse model.

Applied microbiology and biotechnology , Volume: 108 Issue: 1 2024 Dec

Authors Zeng Z,Gong S,Quan C,Zhou S,Kulyar MF,Iqbal M,Li Y,Li X,Li J

Dietary inulin alleviated constipation induced depression and anxiety-like behaviors: Involvement of gut microbiota and microbial metabolite short-chain fatty acid.

International journal of biological macromolecules , Volume: 259 Issue: Pt 2 2024 Feb

Authors Zou H,Gao H,Liu Y,Zhang Z,Zhao J,Wang W,Ren B,Tan X

Effects of aerobic exercise or Tai Chi Chuan interventions on problematic mobile phone use and the potential role of intestinal flora: A multi-arm randomized controlled trial.

Journal of psychiatric research , Volume: 170 2024 Feb

Authors Zhang K,Guo H,Zhang X,Yang H,Yuan G,Zhu Z,Lu X,Zhang J,Du J,Shi H,Jin G,Ren J,Hao J,Sun Y,Su P,Zhang Z

Stachyose in combination with L. rhamnosus GG ameliorates acute hypobaric hypoxia-induced intestinal barrier dysfunction through alleviating inflammatory response and oxidative stress.

Free radical biology & medicine , Volume: 212 2024 Feb 20

Authors Ren D,Ding M,Su J,Ye J,He X,Zhang Y,Shang X

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

Substances Secreted by Lactobacillus spp. from the Urinary Tract Microbiota Play a Protective Role against Proteus mirabilis Infections and Their Complications.

International journal of molecular sciences , Volume: 25 Issue: 1 2023 Dec 20

Authors Szczerbic D,Slaba M,Torzewska A

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

Antibacterial properties and urease suppression ability of Lactobacillus inhibit the development of infectious urinary stones caused by Proteus mirabilis.**Scientific reports , Volume: 14 Issue: 1 2024 Jan 10**

Authors Szczerbic D,Bednarska-Szczepaniak K,Torzewska A

Highland barley β -glucan supplementation attenuated hepatic lipid accumulation in Western diet-induced non-alcoholic fatty liver disease mice by modulating gut microbiota.**Food & function , Volume: 15 Issue: 3 2024 Feb 5**

Authors Liu H,Nie C,Hu X,Li J

Moringa oleifera leaf alleviates functional constipation via regulating the gut microbiota and the enteric nervous system in mice.**Frontiers in microbiology , Volume: 14 2023**

Authors Gao X,Yang W,Li S,Liu S,Yang W,Song S,Sheng J,Zhao Y,Tian Y

Lactiplantibacillus plantarum 06CC2 upregulates intestinal ZO-1 protein and bile acid metabolism in Balb/c mice fed high-fat diet.**Bioscience of microbiota, food and health , Volume: 43 Issue: 1 2024**

Authors Yamasaki M,Miyamoto Y,Ogawa K,Nishiyama K,Tsend-Ayush C,Li Y,Matsusaki T,Nakano T,Takeshita M,Arima Y

A systematic review on the effects of exercise on gut microbial diversity, taxonomic composition, and microbial metabolites: identifying research gaps and future directions.**Frontiers in physiology , Volume: 14 2023**

Authors Cullen JMA,Shahzad S,Dhillon J

Dietary novel alkaline protease from Bacillus licheniformis improves broiler meat nutritional value and modulates intestinal microbiota and metabolites.**Animal microbiome , Volume: 6 Issue: 1 2024 Jan 6**

Authors Yi W,Liu Y,Fu S,Zhuo J,Wang J,Shan T

Lactiplantibacillus plantarum X7022 Plays Roles on Aging Mice with Memory Impairment Induced by D-Galactose Through Restoring Neuronal Damage, Relieving Inflammation and Oxidative Stress.**Probiotics and antimicrobial proteins , Volume: 17 Issue: 1 2025 Feb**

Authors Yin D,Zhao L,Deng S,Xie Y,Ro KS,Yang Z,Du L,Xie J,Wei D

Bifidobacterium longum SX-1326 ameliorates gastrointestinal toxicity after irinotecan chemotherapy via modulating the P53 signaling pathway and brain-gut axis.**BMC microbiology , Volume: 24 Issue: 1 2024 Jan 3**

Authors Yue F,Zeng X,Wang Y,Fang Y,Yue M,Zhao X,Zhu R,Zeng Q,Wei J,Chen T

Integrated gut microbiome and metabolome analysis reveals the inhibition effect of Lactobacillus plantarum CBT against colorectal cancer.**Food & function , Volume: 15 Issue: 2 2024 Jan 22**

Authors Chen YY,Fei F,Ding LL,Wen SY,Ren CF,Gong AH

Therapeutic effects of curcumin on constipation-predominant irritable bowel syndrome is associated with modulating gut microbiota and neurotransmitters.**Frontiers in microbiology , Volume: 14 2023**

Authors Tu X,Ren H,Bu S

Temporal shifts to the gut microbiome associated with cognitive dysfunction following high-fat diet consumption in a juvenile model of traumatic brain injury.**Physiological genomics , Volume: 56 Issue: 4 2024 Apr 1**

Authors Smith AM,Challagundla L,McGee IG,Warfield ZJ,Santos CDSE,Garrett MR,Grayson BE

Sulforaphane and Sulforaphane-Nitrile Metabolism in Humans Following Broccoli Sprout Consumption: Inter-individual Variation, Association with Gut Microbiome Composition, and Differential Bioactivity.**Molecular nutrition & food research , Volume: 68 Issue: 4 2024 Feb**

Authors Bouranis JA,Beaver LM,Wong CP,Choi J,Hamer S,Davis EW,Brown KS,Jiang D,Sharpton TJ,Stevens JF,Ho E

Effects of Lactobacillus plantarum HW1 on Growth Performance, Intestinal Immune Response, Barrier Function, and Cecal Microflora of Broilers with Necrotic Enteritis.**Animals : an open access journal from MDPI , Volume: 13 Issue: 24 2023 Dec 10**

Authors Chen P,Lv H,Liu W,Wang Y,Zhang K,Che C,Zhao J,Liu H

Effects of Spirulina platensis and/or Allium sativum on Antioxidant Status, Immune Response, Gut Morphology, and Intestinal Lactobacilli and Coliforms of Heat-Stressed Broiler Chicken.**Veterinary sciences , Volume: 10 Issue: 12 2023 Nov 27**

Authors Attia YA,Hassan RA,Addeo NF,Bovera F,Alhotan RA,Al-Qurashi AD,Al-Baadani HH,Al-Banoby MA,Khafaga AF,Eisenreich W,Shehata AA,Basiouni S

[Proton Pump Inhibitors Modulate Gene Expression Profile in Esophageal Mucosa and Microbiome.](#)

The journal of pediatric pharmacology and therapeutics : JPPT : the official journal of PPAG , Volume: 28 Issue: 6 2023

Authors Rajagopala SV,Shilts MH,Correa H,Das SR,Choksi YA,Jacobse J,Goettel JA,Hiremath G

[The effect of different prebiotics on intestinal probiotics in newly diagnosed diabetic patients.](#)

Food science & nutrition , Volume: 11 Issue: 12 2023 Dec

Authors Zhang Y,Yang L,Wu Y,He H,Zeng Y,An Z,Jia W

[Identification of inulin-responsive bacteria in the gut microbiota via multi-modal activity-based sorting.](#)

Nature communications , Volume: 14 Issue: 1 2023 Dec 14

Authors Riva A,Rasoulimehrabani H,Cruz-Rubio JM,Schnorr SL,von Baeckmann C,Inan D,Nikolov G,Herbold CW,Hausmann B,Pjevac P,Schintlmeister A,Spittler A,Palatinszky M,Kadunic A,Hieger N,Del Favero G,von Bergen M,Jehmlich N,Watzka M,Lee KS,Wiesenbauer J,Khadem S,Viernstein H,Stocker R,Wagner M,Kaiser C,Richter A,Kleitz F,Berry D

[Effects of fulvic acid on broiler performance, blood biochemistry, and intestinal microflora.](#)

Poultry science , Volume: 103 Issue: 2 2024 Feb

Authors Liu L,Yang N,Chen Y,Xu Z,Zhang Q,Miao X,Zhao Y,Hu G,Liu L,Song Z,Li X

[Kale improves bowel movements in constipated women and affects some intestinal microbes and metabolites: a pilot study.](#)

Frontiers in nutrition , Volume: 10 2023

Authors Nishimoto Y,Salim F,Yamauchi Y,Mori Y,Murakami S,Suzuki A,Fukuda S,Yamada T

[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

[Bacillus subtilis JATP-3 Improves Nitrogen Metabolism by Regulating Intestinal Flora and AKG in Weaned Piglets.](#)

Probiotics and antimicrobial proteins , Volume: 17 Issue: 3 2025 Jun

Authors He F,Jin X,Sun K,Zhao L,Yang W,Zhang X,Dong X,Zhao Y,Pan L,Bao N,Sun H

[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

[Antibiotic Efficacy in Escherichia coli and Klebsiella pneumoniae Under Nutrient Limitation and Effectiveness of Colistin-Based Antibiotic Combinations to Eradicate Persister Cells.](#)

Current microbiology , Volume: 81 Issue: 1 2023 Dec 8

Authors Seo J,Na IY,Ko KS

[Role of microencapsulated Lactobacillus plantarum in alleviating intestinal inflammatory damage through promoting epithelial proliferation and differentiation in layer chicks.](#)

Frontiers in microbiology , Volume: 14 2023

Authors Cui Y,Huang P,Duan H,Song S,Gan L,Liu Z,Lin Q,Wang J,Qi G,Guan J

[Next-generation sequencing of the athletic gut microbiota: a systematic review.](#)

Microbiome research reports , Volume: 2 Issue: 1 2023

Authors Sabater C,Iglesias-Gutiérrez E,Ruiz L,Margolles A

[Bacillus coagulans prevents the decline in average daily feed intake in young piglets infected with enterotoxigenic Escherichia coli K88 by reducing intestinal injury and regulating the gut microbiota.](#)

Frontiers in cellular and infection microbiology , Volume: 13 2023

Authors Zhang Y,Tian X,Dong Y,Li R,Shen M,Yi D,Wu T,Wang L,Zhao D,Hou Y

[Effects of different wheat bran fermentation sources on growth performance, nutrient digestibility, serum antioxidant capacity and fecal microbiota in growing pigs.](#)

Frontiers in veterinary science , Volume: 10 2023

Authors Liu H,Ren X,Li Y,Cao Q,Yang L,Jiang S,Fu J,Gao J,Yan L,Li J,Yang W

[Curcumin alleviates traumatic brain injury induced by gas explosion through modulating gut microbiota and suppressing the LPS/TLR4/MyD88/NF- \$\kappa\$ B pathway.](#)

Environmental science and pollution research international , Volume: 31 Issue: 1 2024 Jan

Authors Dong X,Deng L,Su Y,Han X,Yao S,Wu W,Cao J,Tian L,Bai Y,Wang G,Ren W

[Antioxidant Capacity of Eugenol and Its Effect on Intestinal Flora Under in Vitro Simulated Conditions.](#)

Studies in health technology and informatics , Volume: 308 2023 Nov 23

Authors Dai J

[Lactobacillus rhamnosus Attenuates Cisplatin-Induced Intestinal Mucositis in Mice via Modulating the Gut Microbiota and Improving Intestinal Inflammation.](#)

Pathogens (Basel, Switzerland) , Volume: 12 Issue: 11 2023 Nov 11

Authors Alsholi DM,Yacoub GS,Rehman AU,Ullah H,Khan AI,Deng T,Siddiqui NZ,Alioui Y,Farooqui NA,Elkharti M,Li Y,Wang L,Xin Y

[Effects of Dietary Bacillus coagulans and Tributyrin on Growth Performance, Serum Antioxidants, Intestinal Morphology, and Cecal Microbiota of Growing Yellow-Feathered Broilers.](#)

Animals : an open access journal from MDPI , Volume: 13 Issue: 22 2023 Nov 15

Authors Hou J,Lian L,Lu L,Gu T,Zeng T,Chen L,Xu W,Li G,Wu H,Tian Y

[Pectin from Citrus unshiu Marc. Alleviates Glucose and Lipid Metabolism by Regulating the Gut Microbiota and Metabolites.](#)

Foods (Basel, Switzerland) , Volume: 12 Issue: 22 2023 Nov 11

Authors Ren Y,Mao S,Zeng Y,Chen S,Tian J,Ye X

[Effects of Low Protein Diet on Production Performance and Intestinal Microbial Composition in Pigs.](#)

Veterinary sciences , Volume: 10 Issue: 11 2023 Nov 14

Authors Wang D,Chen G,Li W,Chai M,Zhang H,Su Y

[Influence of Sex and a High-Fiber Diet on the Gut Microbiome of Alentejano Pigs Raised to Heavy Weights.](#)

Veterinary sciences , Volume: 10 Issue: 11 2023 Nov 2

Authors Albuquerque A,Garrido N,Charneca R,Egas C,Martin L,Ramos A,Costa F,Marmelo C,Martins JM

[Mouse intestinal microbiome modulation by oral administration of a GABA-producing Bifidobacterium adolescentis strain.](#)

Microbiology spectrum , Volume: 12 Issue: 1 2024 Jan 11

Authors Tamés H,Sabater C,Royo F,Margolles A,Falcón JM,Ruas-Madiedo P,Ruiz L

[Saponins from Chenopodium quinoa Willd. husks alleviated high-fat-diet-induced hyperlipidemia via modulating the gut microbiota and multiple metabolic pathways.](#)

Journal of the science of food and agriculture , Volume: 104 Issue: 4 2024 Mar 15

Authors Yu Y,ji X,Song L,Cao Y,Feng J,Zhang R,Tao F,Zhang F,Xue P

[Effects of extracted oil of fermented Tartary buckwheat on lipid-lowering, inflammation modulation, and gut microbial regulation in mice.](#)

Food & function , Volume: 14 Issue: 24 2023 Dec 11

Authors Yang X,Zhu A,Li X,He S,Zhu Y,Anyan W,Qin L,Zeng H

[In vitro activity of ceftazidime-avibactam, imipenem-relebactam, aztreonam-avibactam, and comparators toward carbapenem-resistant and hypervirulent Klebsiella pneumoniae isolates.](#)

Microbiology spectrum , Volume: 11 Issue: 6 2023 Dec 12

Authors Li D,Yu H,Huang X,Long S,Zhang J

[Manno-oligosaccharides from Cassia Seed Gum Attenuate Atherosclerosis through Inflammation Modulation and Intestinal Barrier Integrity Improvement in ApoE\(-/-\) Mice.](#)

Molecular nutrition & food research , 2023 Nov 15

Authors Li J,Zhen H,Yang S,Yan Q,Jiang Z

[Effects of Walnut and Pumpkin on Selective Neurophenotypes of Autism Spectrum Disorders: A Case Study.](#)

Nutrients , Volume: 15 Issue: 21 2023 Oct 27

Authors El-Ansary A,Al-Ayadhi L

[Epigallocatechin gallate alleviates osteoporosis by regulating the gut microbiota and serum metabolites in rats.](#)

Food & function , Volume: 14 Issue: 23 2023 Nov 27

Authors Han X,Fu Y,Wang K,Li S,Jiang C,Wang S,Wang Z,Liu G,Hu S

[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

[Maternal vitamin D in pregnancy and infant's gut microbiota: a systematic review.](#)

Frontiers in pediatrics , Volume: 11 2023

Authors Molani-Gol R,Rafraf M

[Effectiveness of probiotics and clove essential oils in improving growth performance, immuno-antioxidant status, ileum](#)

morphometric, and microbial community structure for heat-stressed broilers.

Scientific reports , Volume: 13 Issue: 1 2023 Nov 1

Authors Elbaz AM,Ashmawy ES,Alì SAM,Mourad DM,El-Samahy HS,Badri FB,Thabet HA

An overview of microbial enzymatic approaches for pectin degradation.

International journal of biological macromolecules , Volume: 254 Issue: Pt 1 2024 Jan

Authors Li J,Peng C,Mao A,Zhong M,Hu Z

High-fibre diets regulate antioxidative capacity and promote intestinal health by regulating bacterial microbiota in growing pigs.

Journal of animal physiology and animal nutrition , Volume: 108 Issue: 2 2024 Mar

Authors Li Z,Zhao Y,Wang H,Zhang W,Zhang C,Xie J,Ma X

Spices as Sustainable Food Preservatives: A Comprehensive Review of Their Antimicrobial Potential.

Pharmaceuticals (Basel, Switzerland) , Volume: 16 Issue: 10 2023 Oct 12

Authors Sulieman AME,Abdallah EM,Alanazi NA,Ed-Dra A,Jamal A,Idriss H,Alshammari AS,Shommo SAM

Are We Ready to Recommend Capsaicin for Disorders Other Than Neuropathic Pain?

Nutrients , Volume: 15 Issue: 20 2023 Oct 21

Authors Silva JL,Santos EA,Alvarez-Leite JI

Effect of a Co-Feed Liquid Whey-Integrated Diet on Crossbred Pigs` Fecal Microbiota.

Animals : an open access journal from MDPI , Volume: 13 Issue: 11 2023 May 25

Authors Sutera AM,Arfuso F,Tardiolo G,Riggio V,Fazio F,Aiese Cigliano R,Paytuví A,Piccione G,Zumbo A

Antibacterial activity of herbal formulation against common oral pathogens.

Bioinformation , Volume: 19 Issue: 5 2023

Authors Varghese RM,Aravind Kumar S,Rajeshkumar S

Uncovering the promising role of grape pomace as a modulator of the gut microbiome: An in-depth review.

Heliyon , Volume: 9 Issue: 10 2023 Oct

Authors Sinrod AJG,Shah IM,Surek E,Barile D

Modulation of pectin on intestinal barrier function via changes in microbial functional potential and bile acid metabolism.

The Journal of nutritional biochemistry , Volume: 124 2024 Feb

Authors Yin C,Wen X,Dang G,Zhong R,Meng Q,Feng X,Liu L,Wu S,He J,Chen L,Zhang H

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

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

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

Highland barley attenuates high fat and cholesterol diet induced hyperlipidemia in mice revealed by 16S rRNA gene sequencing and untargeted metabolomics.

Life sciences , Volume: 334 2023 Dec 1

Authors Li X,Wang L

Apple consumption affects cecal health by regulating 12S-hydroxy-5Z,8Z,10E,14Z-eicosatetraenoic acid (12(S)-HETE) levels through modifying the microbiota in rats.

Food & function , Volume: 14 Issue: 20 2023 Oct 16

Authors Wang C,Liu XL,Sun Q,Zhao FY,Dai PQ,Li LX,Hu DG

The effect of physical exercise and dairy probiotics (Lactobacillus casei) on gut microbiome in childhood cancer survivors.

Neoplasma , Volume: 70 Issue: 4 2023 Aug

Authors Bielik V,Hric I,Šmahová S,Tkaciková M,Hlaváčová V,Nechalová L,Ugrayová S,Kolenová A

Regulatory effect of lactulose on intestinal flora and serum metabolites in colitis mice: In vitro and in vivo evaluation.

Food chemistry: X , Volume: 19 2023 Oct 30

Authors Bai J,Wang B,Tan X,Huang L,Xiong S

Effect of Vitamin D on the Proliferation and Barrier of Atrophic Vaginal Epithelial Cells.

Molecules (Basel, Switzerland) , Volume: 28 Issue: 18 2023 Sep 13

Authors Li D,Zhang T,Yang H,Yang W,Zhang C,Gao G

Enterococcus faecium C171: Modulating the Immune Response to Acute Lethal Viral Challenge.

International journal of antimicrobial agents , Volume: 62 Issue: 5 2023 Nov

Authors Mi J,He T,Hu X,Wang Z,Wang T,Qi X,Li K,Gao L,Liu C,Zhang Y,Wang S,Qiu Y,Liu Z,Song J,Wang X,Gao Y,Cui H

Combined oral intake of short and long fructans alters the gut microbiota in food allergy model mice and contributes to food allergy prevention.

BMC microbiology , Volume: 23 Issue: 1 2023 Sep 22

Authors Takahashi H,Fujii T,Yamakawa S,Yamada C,Fujiki K,Kondo N,Funasaka K,Hirooka Y,Tochio T

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

Effects of Ramadan intermittent fasting on gut microbiome: is the diet key?

Frontiers in microbiology , Volume: 14 2023

Authors Saglam D,Colak GA,Sahin E,Ekren BY,Sezerman U,Bas M

Steamed broccoli sprouts alleviate DSS-induced inflammation and retain gut microbial biogeography in mice.

mSystems , Volume: 8 Issue: 5 2023 Oct 26

Authors Holman JM,Colucci L,Baudewyns D,Balkan J,Hunt T,Hunt B,Kinney M,Holcomb L,Stratigakis A,Chen G,Moses PL,Mawe GM,Zhang T,Li Y,Ishaq SL

Assessment of chemical compositions and antibacterial activity of the essential oil of Mentha piperita in response to salicylic acid.

Natural product research , Volume: 38 Issue: 20 2024 Oct

Authors Afkar S

The effects of Ascophyllum nodosum, Camellia sinensis-leaf extract, and their joint interventions on glycolipid and energy metabolism in obese mice.

Frontiers in nutrition , Volume: 10 2023

Authors Xu Y,Jia X,Zhang W,Xie Q,Zhu M,Zhao Z,Hao J,Li H,Du J,Liu Y,Feng H,He J,Li H

Resveratrol alleviates DSS-induced IBD in mice by regulating the intestinal microbiota-macrophage-arginine metabolism axis.

European journal of medical research , Volume: 28 Issue: 1 2023 Sep 2

Authors Xu X,Ocansey DKW,Pei B,Zhang Y,Wang N,Wang Z,Mao F

Positive efficacy of Lactiplantibacillus plantarum MH-301 as a postoperative adjunct to endoscopic sclerotherapy for internal hemorrhoids: a randomized, double-blind, placebo-controlled trial.

Food & function , 2023 Sep 1

Authors Zhang K,Liu H,Liu P,Feng Q,Gan L,Yao L,Huang G,Fang Z,Chen T,Fang N

Fagopyrum tataricum ethanol extract ameliorates symptoms of hyperglycemia by regulating gut microbiota in type 2 diabetes mellitus mice.

Food & function , Volume: 14 Issue: 18 2023 Sep 19

Authors Ge X,Liu T,Chen Z,Zhang J,Yin X,Huang Z,Chen L,Zhao C,Shao R,Xu W

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

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

Effects of Dietary Supplementation with Mulberry Leaf Powder on the Growth Performance, Lipid Metabolism Parameters, Immunity Indicators, and Gut Microbiota of Dogs.

Metabolites , Volume: 13 Issue: 8 2023 Aug 4

Authors Yu A,Tang C,Wang S,Wang Y,Chen L,Li Z,Luo G,Zhong J,Fang Z,Wang Z,Lin S

Antibacterial activity of Thymus vulgaris (thyme) essential oil against strains of Pseudomonas aeruginosa, Klebsiella pneumoniae and Staphylococcus saprophyticus isolated from meat product.

Brazilian journal of biology = Revista brasleira de biologia , Volume: 83 2023

Authors Diniz AF,Santos B,Nóbrega LMMO,Santos VRL,Mariz WS,Cruz PSC,Nóbrega RO,Silva RL,Paula AFR,Santos JRDA,Pessôa HLF,Oliveira-Filho AA

Probiotic Bacillus subtilis contributes to the modulation of gut microbiota and blood metabolic profile of hosts.

Comparative biochemistry and physiology. Toxicology & pharmacology : CBP , Volume: 272 2023 Oct

Authors Li G,Tong Y,Xiao Y,Huang S,Zhao T,Xia X

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

The effects of time-restricted eating and Ramadan fasting on gut microbiota composition: a systematic review of human and animal studies.

Nutrition reviews , Volume: 82 Issue: 6 2024 May 10

Authors Pieczynska-Zajac JM,Malinowska A,Lagowska K,Leciejevska N,Bajerska J

The Protective Effect of Broccoli Seed Extract against Lipopolysaccharide-Induced Acute Liver Injury via Gut Microbiota Modulation and Sulfuraphane Production in Mice.

Foods (Basel, Switzerland) , Volume: 12 Issue: 14 2023 Jul 21

Authors Mao B,Ren B,Wu J,Tang X,Zhang Q,Zhao J,Zhang L,Chen W,Cui S

Effect of an Enteroprotective Complementary Feed on Faecal Markers of Inflammation and Intestinal Microbiota Composition in Weaning Puppies.

Veterinary sciences , Volume: 10 Issue: 7 2023 Jul 3

Authors Meineri G,Cocolin L,Morelli G,Schievano C,Atuahene D,Ferrocino I

The impact of aerobic exercise training on cognitive function and gut microbiota in methamphetamine-dependent individuals in the community.

Physiology & behavior , Volume: 270 2023 Oct 15

Authors Zhu Y,Zhu J,Song G

Lactobacillus rhamnosus GG ATCC53103 and Lactobacillus plantarum JLO1 improved nitrogen metabolism in weaned piglets by regulating the intestinal flora structure and portal vein metabolites.

Frontiers in microbiology , Volume: 14 2023

Authors He F,Jin X,Wang C,Hu J,Su S,Zhao L,Geng T,Zhao Y,Pan L,Bao N,Sun H

The anti-hyperlipidemic effect and underlying mechanisms of barley (Hordeum vulgare L.) grass polysaccharides in mice induced by a high-fat diet.

Food & function , 2023 Jul 14

Authors Yan JK,Chen TT,Li LQ,Liu F,Liu X,Li L

Influences of wheat bran fiber on growth performance, nutrient digestibility, and intestinal epithelium functions in Xiangcun pigs.

Heliyon , Volume: 9 Issue: 7 2023 Jul

Authors Liu J,Luo Y,Kong X,Yu B,Zheng P,Huang Z,Mao X,Yu J,Luo J,Yan H,He J

Bile Acids and Short-Chain Fatty Acids Are Modulated after Onion and Apple Consumption in Obese Zucker Rats.

Nutrients , Volume: 15 Issue: 13 2023 Jul 5

Authors Balderas C,de Ancos B,Sánchez-Moreno C

The probiotic Lactobacillus casei Zhang-mediated correction of gut dysbiosis ameliorates peritoneal fibrosis by suppressing macrophage-related inflammation via the butyrate/PPAR- γ /NF- κ B pathway.

Food & function , Volume: 14 Issue: 15 2023 Jul 31

Authors Wu Z,Zuo X,Wang X,Shi M,Zhu H,Cao C,Liu X,Liang W,Yao Y,Wang L

Cinnamon oil solid self-microemulsion mediates chronic mild stress-induced depression in mice by modulating monoamine neurotransmitters, corticosterone, inflammation cytokines, and intestinal flora.

Heliyon , Volume: 9 Issue: 6 2023 Jun

Authors Ma T,Tang B,Wang Y,Shen M,Ping Y,Wang L,Su J

Effects of whole-grain cereals on fecal microbiota and short-chain fatty acids in dogs: a comparison of rye, oats and wheat.

Scientific reports , Volume: 13 Issue: 1 2023 Jul 5

Authors Palmqvist H,Höglund K,Ringmark S,Lundh T,Dicksved J

A multi-strain probiotic promoted recovery of puppies from gastroenteritis in a randomized, double-blind, placebo-controlled study.

The Canadian veterinary journal = La revue veterinaire canadienne , Volume: 64 Issue: 7 2023 Jul

Authors Molina RA,Villar MD,Miranda MH,Maldonado NC,Vignolo GM,Nader-Macías MEF

Short-Term Supplementation of Pectin Alters Substrate Dynamics and Modulates Microbial Carbohydrate Metabolism in the Gut of a Pig Model.

Journal of agricultural and food chemistry , Volume: 71 Issue: 27 2023 Jul 12

Authors Xu R,Feng N,Li Q,Wang H,Su Y,Zhu W

Effects of Lactocaseibacillus casei (Lactobacillus casei) and Saccharomyces cerevisiae mixture on growth performance, hematological parameters, immunological responses, and intestinal microbiome in weaned pigs.

Frontiers in veterinary science , Volume: 10 2023

Authors Kim S,Kwak J,Song M,Cho J,Kim ES,Keum GB,Doo H,Pandey S,Cho JH,Ryu S,Kim S,Im YM,Kim HB

Goat and cow milk differ in altering the microbiota composition and neurotransmitter levels in insomnia mouse models.

Food & function , Volume: 14 Issue: 14 2023 Jul 17

Authors Mo L,Jing H,Du X,Zhao C,Lin Y,Li J,Wang H

Effect of Probiotic Yogurt Supplementation(Bifidobacterium animalis ssp. lactis BB-12) on Gut Microbiota of Female Taekwondo Athletes and Its Relationship with Exercise-Related Psychological Fatigue.

Microorganisms , Volume: 11 Issue: 6 2023 May 26

Authors Zhu J,Zhu Y,Song G

Phyto-Inhibitory and Antimicrobial Activity of Brown Propolis from Romania.

Antibiotics (Basel, Switzerland) , Volume: 12 Issue: 6 2023 Jun 5

Authors Vica ML,Glevitzky M,Heghedus-Mindru RC,Dumitrel GA,Heghedus-Mindru G,Popa M,Faur DM,Bălăci ?,Teodoru CA

Combination of Lycium barbarum L. and Laminaria japonica polysaccharides as a highly efficient prebiotic: Optimal screening and complementary regulation of gut probiotics and their metabolites.

International journal of biological macromolecules , Volume: 246 2023 Aug 15

Authors Chen Q,Fan J,Lin L,Zhao M

Association of Estimated Daily Lactose Consumption, Lactase Persistence Genotype (rs4988235), and Gut Microbiota in Healthy Adults in the United States.

The Journal of nutrition , Volume: 153 Issue: 8 2023 Aug

Authors Kable ME,Chin EL,Huang L,Stephensen CB,Lemay DG

Heridium erinaceus, a medicinal fungus with a centuries-old history: Evidence in gastrointestinal diseases.

World journal of gastroenterology , Volume: 29 Issue: 20 2023 May 28

Authors Gravina AG,Pellegrino R,Auletta S,Palladino G,Brandimarte G,D`Onofrio R,Arboreto G,Imperio G,Ventura A,Cipullo M,Romano M,Federico A

Probiotic modulation of gut microbiota by Bacillus coagulans MTCC 5856 in healthy subjects: A randomized, double-blind, placebo-control study.

Medicine , Volume: 102 Issue: 20 2023 May 19

Authors Majeed M,Nagabhushanam K,Mundkur L,Paulose S,Divakar H,Rao S,Arumugam S

Crosstalk between dietary pomegranate and gut microbiota: evidence of health benefits.

Critical reviews in food science and nutrition , 2023 Jun 19

Authors Yin Y,Martínez R,Zhang W,Estévez M

Investigating the modulatory effects of Moringa oleifera on the gut microbiota of chicken model through metagenomic approach.

Frontiers in veterinary science , Volume: 10 2023

Authors Soundararajan S,Selvakumar J,Maria Joseph ZM,Gopinath Y,Saravanan V,Santhanam R

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

A gluten degrading probiotic Bacillus subtilis LZU-GM relieve adverse effect of gluten additive food and balances gut microbiota in mice.

Food research international (Ottawa, Ont.) , Volume: 170 2023 Aug

Authors Khan A,Li S,Han H,Jin WL,Ling Z,Ji J,Iram S,Liu P,Xiao S,Salama ES,Li X

Effects of exercise and physical activity on gut microbiota composition and function in older adults: a systematic review.

BMC geriatrics , Volume: 23 Issue: 1 2023 Jun 12

Authors Aya V,Jimenez P,Muñoz E,Ramírez JD

Lactobacillus casei and Its Supplement Alleviate Stress-Induced Depression and Anxiety in Mice by the Regulation of BDNF Expression and NF- κ B Activation.

Nutrients , Volume: 15 Issue: 11 2023 May 26

Authors Ma X,Shin YJ,Park HS,Jeong JW,Kim JY,Shim JJ,Lee JL,Kim DH

Regulation of Gut Microflora by Lactobacillus casei Zhang Attenuates Liver Injury in Mice Caused by Anti-Tuberculosis Drugs.

International journal of molecular sciences , Volume: 24 Issue: 11 2023 May 29

Authors Li Y,Zhao L,Sun C,Yang J,Zhang X,Dou S,Hua Q,Ma A,Cai J

Steamed broccoli sprouts alleviate DSS-induced inflammation and retain gut microbial biogeography in mice.

bioRxiv : the preprint server for biology , 2023 May 23

Authors Holman JM,Colucci L,Baudewyns D,Balkan J,Hunt T,Hunt B,Kinney M,Holcomb L,Chen G,Moses PL,Mawe GM,Zhang T,Li Y,Ishaq SL

Bifidobacterium bifidum E3 Combined with Bifidobacterium longum subsp. infantis E4 Improves LPS-Induced Intestinal Injury by Inhibiting the TLR4/NF- κ B and MAPK Signaling Pathways In Vivo.

Journal of agricultural and food chemistry , Volume: 71 Issue: 23 2023 Jun 14

Authors Yue Y,Wang Y,Xie Q,Lv X,Zhou L,Smith EE,Cao T,Zhang Y,Li B,Huo G,Ma W

Heat-Killed Bifidobacterium longum BBMN68 in Pasteurized Yogurt Alleviates Mugwort Pollen-Induced Allergic Airway Responses through Gut Microbiota Modulation in a Murine Model.

Foods (Basel, Switzerland) , Volume: 12 Issue: 10 2023 May 19

Authors Niu X,Yin X,Wu X,Zhang Q,Jiang Y,He J,Zhao Y,Zhang C,Ren Y,Lai M,Sang Y,Wang R

Comparison of the Effects of Enzymolysis Seaweed Powder and Saccharomyces boulardii on Intestinal Health and Microbiota Composition in Kittens.

Metabolites , Volume: 13 Issue: 5 2023 May 8

Authors Zhang M,Mo R,Li M,Qu Y,Wang H,Liu T,Liu P,Wu Y

Selenium-enriched Bifidobacterium longum DD98 relieves irritable bowel syndrome induced by chronic unpredictable mild stress in mice.

Food & function , Volume: 14 Issue: 11 2023 Jun 6

Authors Jin X,Hu Y,Lin T,Gao F,Xu Z,Hou X,Yin Y,Kan S,Zhu H,Chen D

Dietary Supplementation of Brevibacillus laterosporus S62-9 Improves Broiler Growth and Immunity by Regulating Cecal Microbiota and Metabolites.

Probiotics and antimicrobial proteins , 2023 May 22

Authors Zhi T,Ma A,Liu X,Chen Z,Li S,Jia Y

Anti-diabetic effect of modified 'Guanximiyou' pummelo peel pectin on type 2 diabetic mice via gut microbiota.

International journal of biological macromolecules , Volume: 242 Issue: Pt 2 2023 Jul 1

Authors Zang Y,Du C,Ru X,Cao Y,Zuo F

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

Supplementation with inulin-type fructans affects gut microbiota and attenuates some of the cardiometabolic benefits of a plant-based diet in individuals with overweight or obesity.

Frontiers in nutrition , Volume: 10 2023

Authors Aldubayan MA,Mao X,Laursen MF,Pigsborg K,Christensen LH,Roager HM,Nielsen DS,Hjorth MF,Magkos F

Gentamicin alleviates cholestatic liver injury by decreasing gut microbiota-associated bile salt hydrolase activity in rats.

European journal of pharmacology , Volume: 951 2023 May 12

Authors Ma Y,Wang H,Yang J,Xin M,Wu X

Quinoa Ameliorates Hepatic Steatosis, Oxidative Stress, Inflammation and Regulates the Gut Microbiota in Nonalcoholic Fatty Liver Disease Rats.

Foods (Basel, Switzerland) , Volume: 12 Issue: 9 2023 Apr 25

Authors Zhong L,Lyu W,Lin Z,Lu J,Geng Y,Song L,Zhang H

Microencapsulation of Lactobacillus plantarum MBO01 and its probiotic effect on growth performance, cecal microbiome and gut integrity of broiler chickens in a tropical climate.

Animal bioscience , Volume: 36 Issue: 8 2023 Aug

Authors Vimom S,Angkanaporn K,Nuengjamnong C

Laminaria Japonica Polysaccharide Improved the Productivities and Systemic Health of Ducks by Mediating the Gut Microbiota and Metabolome.

Journal of agricultural and food chemistry , Volume: 71 Issue: 19 2023 May 17

Authors Liu A,Kim E,Cui J,Li J,Lee Y,Zhang G

Lactulose regulates gut microbiota dysbiosis and promotes short-chain fatty acids production in acute pancreatitis patients

with intestinal dysfunction.

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 163 2023 Jul

Authors Wang J,Jiang M,Hu Y,Lei Y,Zhu Y,Xiong H,He C

The effects of pectin on the gut microbiota and serum metabolites in mice fed with a high fat diet and exposed to low-dose antibiotics.

Food & function , Volume: 14 Issue: 10 2023 May 22

Authors Xiao Q,Huang W,Wu Q,Xu H,Zhang Y,Yang J,Bian S,Tan H,Nie S

Prevention of High-Fat-Diet-Induced Dyslipidemia by Lactobacillus plantarum LP104 through Mediating Bile Acid Enterohepatic Axis Circulation and Intestinal Flora.

Journal of agricultural and food chemistry , Volume: 71 Issue: 19 2023 May 17

Authors Wang Y,Xing X,Ma Y,Fan Y,Zhang Y,Nan B,Li X,Wang Y,Liu J

Bacillus licheniformis reverses the environmental ceftriaxone sodium-induced gut microbial dysbiosis and intestinal inflammation in mice.

Ecotoxicology and environmental safety , Volume: 257 2023 Jun 1

Authors Zeng Z,Yue W,Kined C,Wang P,Liu R,Liu J,Chen X

Impact of High Salt-Intake on a Natural Gut Ecosystem in Wildling Mice.

Nutrients , Volume: 15 Issue: 7 2023 Mar 23

Authors Cardilli A,Hamad I,Dyczko A,Thijs S,Vangronsveld J,Müller DN,Rosshart SP,Kleinewietfeld M

Neuroprotective Effects of Lactobacillus plantarum PS128 in a Mouse Model of Parkinson's Disease: The Role of Gut Microbiota and MicroRNAs.

International journal of molecular sciences , Volume: 24 Issue: 7 2023 Apr 5

Authors Lee YZ,Cheng SH,Chang MY,Lin YF,Wu CC,Tsai YC

Psychobiotic Lactobacillus plantarum JYLP-326 relieves anxiety, depression, and insomnia symptoms in test anxious college via modulating the gut microbiota and its metabolism.

Frontiers in immunology , Volume: 14 2023

Authors Zhu R,Fang Y,Li H,Liu Y,Wei J,Zhang S,Wang L,Fan R,Wang L,Li S,Chen T

Intermittent fasting modulates the intestinal microbiota and improves obesity and host energy metabolism.

NPJ biofilms and microbiomes , Volume: 9 Issue: 1 2023 Apr 7

Authors Hu X,Xia K,Dai M,Han X,Yuan P,Liu J,Liu S,Jia F,Chen J,Jiang F,Yu J,Yang H,Wang J,Xu X,Jin X,Kristiansen K,Xiao L,Chen W,Han M,Duan S

Effects of an inulin fiber diet on the gut microbiome, colon, and inflammatory biomarkers in aged mice.

Experimental gerontology , Volume: 176 2023 Jun 1

Authors Hutchinson NT,Wang SS,Rund LA,Caetano-Silva ME,Allen JM,Johnson RW,Woods JA

Effects of Pomegranate Peel Polyphenols Combined with Inulin on Gut Microbiota and Serum Metabolites of High-Fat-Induced Obesity Rats.

Journal of agricultural and food chemistry , Volume: 71 Issue: 14 2023 Apr 12

Authors Shi H,Li X,Hou C,Chen L,Zhang Y,Li J

Exploring the Potential of Lactobacillus helveticus R0052 and Bifidobacterium longum R0175 as Promising Psychobiotics Using SHIME.

Nutrients , Volume: 15 Issue: 6 2023 Mar 21

Authors De Oliveira FL,Salgado MK,de Oliveira MT,Mesa V,Sartoratto A,Peregrino AM,Ramos WS,Sivieri K

Moringa oleifera Leaf Powder as New Source of Protein-Based Feedstuff Improves Growth Performance and Cecal Microbial Diversity of Broiler Chicken.

Animals : an open access journal from MDPI , Volume: 13 Issue: 6 2023 Mar 20

Authors Zhang H,Huang L,Hu S,Qin X,Wang X

Bovine Colostrum Supplementation Modulates the Intestinal Microbial Community in Rabbits.

Animals : an open access journal from MDPI , Volume: 13 Issue: 6 2023 Mar 8

Authors Agradi S,Cremonesi P,Menchetti L,Balzaretti C,Severgnini M,Riva F,Castiglioni B,Draghi S,Di Giancamillo A,Castrica M,Vigo D,Modina SC,Serra V,Quattrone A,Angelucci E,Pastorelli G,Curone G,Brecchia G

Lactobacillus plantarum ZJ316 alleviates ulcerative colitis by inhibiting inflammation and regulating short-chain fatty acid levels and the gut microbiota in a mouse model.

Food & function , Volume: 14 Issue: 9 2023 May 11

Authors Gu Q,Xia C,Liu N,Chen Z,Zhou Q,Li P

Impact of Intermittent Fasting on the Gut Microbiota: A Systematic Review.

Advanced biology , Volume: 7 Issue: 8 2023 Aug

Authors Pérez-Gerdel T,Camargo M,Alvarado M,Ramírez JD

In Vitro Evaluation of Brown Seaweed Laminaria spp. as a Source of Antibacterial and Prebiotic Extracts That Could Modulate the Gastrointestinal Microbiota of Weaned Pigs.

Animals : an open access journal from MDPI , Volume: 13 Issue: 5 2023 Feb 24

Authors Venardou B,O'Doherty JV,Garcia-Vaquero M,Kiely C,Rajauria G,McDonnell MJ,Ryan MT,Sweeney T

Pectin modulates intestinal immunity in a pig model via regulating the gut microbiota-derived tryptophan metabolite-AhR-IL22 pathway.

Journal of animal science and biotechnology , Volume: 14 Issue: 1 2023 Mar 8

Authors Dang G,Wen X,Zhong R,Wu W,Tang S,Li C,Yi B,Chen L,Zhang H,Schroyen M

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

Goji berry leaf exerts a comparable effect against colitis and microbiota dysbiosis to its fruit in dextran-sulfate-sodium-treated mice.

Food & function , Volume: 14 Issue: 7 2023 Apr 3

Authors Yu C,Chen Y,Ahmadi S,Wu D,Wu J,Ding T,Liu D,Ye X,Chen S,Pan H

Dietary Bacillus licheniformis shapes the foregut microbiota, improving nutrient digestibility and intestinal health in broiler chickens.

Frontiers in microbiology , Volume: 14 2023

Authors Han Y,Xu X,Wang J,Cai H,Li D,Zhang H,Yang P,Meng K

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

Dietary Supplementation with Probiotic Bacillus licheniformis S6 Improves Intestinal Integrity via Modulating Intestinal Barrier Function and Microbial Diversity in Weaned Piglets.

Biology , Volume: 12 Issue: 2 2023 Feb 2

Authors Sun W,Chen W,Meng K,Cai L,Li G,Li X,Jiang X

Efficacy of incremental loads of cow's milk as a treatment for lactose malabsorption in Japan.

World journal of clinical cases , Volume: 11 Issue: 4 2023 Feb 6

Authors Hasegawa M,Okada K,Nagata S,Sugihara S

Effects of kiwi fruit (Actinidia chinensis) polysaccharides on metabolites and gut microbiota of acrylamide-induced mice.

Frontiers in nutrition , Volume: 10 2023

Authors Chen M,Chen X,Wang K,Cai L,Liu N,Zhou D,Jia W,Gong P,Liu N,Sun Y

Intestinal microbial composition changes induced by Lactobacillus plantarum GBL 16, 17 fermented feed and intestinal immune homeostasis regulation in pigs.

Journal of animal science and technology , Volume: 64 Issue: 6 2022 Nov

Authors Yu DY,Oh SH,Kim IS,Kim GI,Kim JA,Moon YS,Jang JC,Lee SS,Jung JH,Park J,Cho KK

The potential role of nondigestible Raffinose family oligosaccharides as prebiotics.

Glycobiology , Volume: 33 Issue: 4 2023 May 17

Authors Kanwal F,Ren D,Kanwal W,Ding M,Su J,Shang X

Donkey whey protein and peptides regulate gut microbiota community and physiological functions of D-galactose-induced aging mice.

Food science & nutrition , Volume: 11 Issue: 2 2023 Feb

Authors Zhou X,Tian X,Song L,Luo L,Ma Z,Zhang F

The Dietary Fermentable Fiber Inulin Alters the Intestinal Microbiome and Improves Chronic Kidney Disease Mineral-Bone Disorder in a Rat Model of CKD.

bioRxiv : the preprint server for biology , 2023 Jan 31

Authors Biruete A,Chen NX,Metzger CE,Srinivasan S,Oâ Neill K,Fallen PB,Fonseca A,Wilson HE,de Loor H,Evenepoel P,Swanson KS,Allen MR,Moe SM

Taiwanese green propolis ameliorates metabolic syndrome via remodeling of white adipose tissue and modulation of gut microbiota in diet-induced obese mice.

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 160 2023 Apr

Authors Chien YH,Yu YH,Chen YW

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

The Antimicrobial Activity of Curcumin and Xanthohumol on Bacterial Biofilms Developed over Dental Implant Surfaces.

International journal of molecular sciences , Volume: 24 Issue: 3 2023 Jan 25

Authors Alonso-Español A,Bravo E,Ribeiro-Vidal H,Virto L,Herrera D,Alonso B,Sanz M

Lactacaseibacillus casei T1 attenuates Helicobacter pylori-induced inflammation and gut microbiota disorders in mice.

BMC microbiology , Volume: 23 Issue: 1 2023 Feb 11

Authors Yu Z,Cao M,Peng J,Wu D,Li S,Wu C,Qing L,Zhang A,Wang W,Huang M,Zhao J

Inulin supplementation prior to mild traumatic brain injury mitigates gut dysbiosis, and brain vascular and white matter deficits in mice.

Frontiers in microbiomes , Volume: 1 2022

Authors Yanckello LM,Chang YH,Sun M,Chlipala G,Green SJ,Lei Z,Ericsson AC,Xing X,Hammond TC,Bachstetter AD,Lin AL

The effect of Bacillus subtilis and its delivery route on hatch and growth performance, blood biochemistry, immune status, gut morphology, and microbiota of broiler chickens.

Poultry science , Volume: 102 Issue: 4 2023 Apr

Authors Oladokun S,Adewole D

Comparative study between two different morphological structures based on polylactic acid, nanocellulose and magnetite for co-delivery of fluorouracil and curcumin.

International journal of biological macromolecules , Volume: 230 2023 Mar 1

Authors Bakr EA,Gaber M,Saad DR,Salahuddin N

Red and White Meat Intake in Relation to Gut Flora in Obese and Non-Obese Arab Females.

Foods (Basel, Switzerland) , Volume: 12 Issue: 2 2023 Jan 5

Authors Almajed J,Al-Musharaf S,Abudawood M,Sabico S,Aljazairy EA,Aljuraiban GS

Prophylactic Effect of Bovine Colostrum on Intestinal Microbiota and Behavior in Wild-Type and Zonulin Transgenic Mice.

Biomedicines , Volume: 11 Issue: 1 2022 Dec 29

Authors Asbjornsdottir B,Miranda-Ribera A,Florentino M,Konno T,Cetinbas M,Lan J,Sadreyev RI,Gudmundsson LS,Gottfredsson M,Lauth B,Birgisdottir BE,Fasano A

Camellia oil (Camellia oleifera Abel.) treatment improves high-fat diet-induced atherosclerosis in apolipoprotein E (ApoE)(-/-) mice.

Bioscience of microbiota, food and health , Volume: 42 Issue: 1 2023

Authors Huang T,Jiang J,Cao Y,Huang J,Zhang F,Cui G

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

High-fat diet promotes the effect of fructo-oligosaccharides on the colonic luminal environment, including alkaline phosphatase activity in rats.

Nutrition research (New York, N.Y.) , Volume: 110 2023 Feb

Authors Okazaki Y,Katayama T

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

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

Inulin intervention attenuates hepatic steatosis in rats via modulating gut microbiota and maintaining intestinal barrier function.

Food research international (Ottawa, Ont.) , Volume: 163 2023 Jan

Authors Yang Z,Su H,Lv Y,Tao H,Jiang Y,Ni Z,Peng L,Chen X

Diet-rich in wheat bran modulates tryptophan metabolism and AhR/IL-22 signalling mediated metabolic health and gut dysbacteriosis: A novel prebiotic-like activity of wheat bran.

Food research international (Ottawa, Ont.) , Volume: 163 2023 Jan

Authors Yan T,Shi L,Liu T,Zhang X,Yang M,Peng W,Sun X,Yan L,Dai X,Yang X

Thyme (Thymus vulgaris L.) polyphenols ameliorate DSS-induced ulcerative colitis of mice by mitigating intestinal barrier damage, regulating gut microbiota, and suppressing TLR4/NF- κ B-NLRP3 inflammasome pathways.

Food & function , Volume: 14 Issue: 2 2023 Jan 23

Authors Zhou Z,He W,Tian H,Zhan P,Liu J

[The administration of Enterococcus faecium SF68 counteracts compositional shifts in the gut microbiota of diet-induced obese mice.](#)**Frontiers in microbiology** , Volume: 13 2022

Authors Panattoni A,Calvigioni M,Benvenuti L,D`Antongiovanni V,Pellegrini C,Di Salvo C,Mazzantini D,Celandroni F,Fornai M,Antonioioli L,Ghelardi E

[Quercetin alleviates intestinal inflammation and improves intestinal functions via modulating gut microbiota composition in LPS-challenged laying hens.](#)**Poultry science** , Volume: 102 Issue: 3 2023 Mar

Authors Feng J,Li Z,Ma H,Yue Y,Hao K,Li J,Xiang Y,Min Y

[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

[Pectin supplement alleviates gut injury potentially through improving gut microbiota community in piglets.](#)**Frontiers in microbiology** , Volume: 13 2022

Authors Dang G,Wang W,Zhong R,Wu W,Chen L,Zhang H

[Exercise effect on the gut microbiota in young adolescents with subthreshold depression: A randomized psychoeducation-controlled Trial.](#)**Psychiatry research** , Volume: 319 2023 Jan

Authors Wang R,Cai Y,Lu W,Zhang R,Shao R,Yau SY,Stubbs B,McIntyre RS,Su KP,Xu G,Qi L,So KF,Lin K

[Intermittent Fasting Alleviates Risk Markers in a Murine Model of Ulcerative Colitis by Modulating the Gut Microbiome and Metabolome.](#)**Nutrients** , Volume: 14 Issue: 24 2022 Dec 14

Authors Wu J,Man D,Shi D,Wu W,Wang S,Wang K,Li Y,Yang L,Bian X,Wang Q,Li L

[Influence of Dietary Inulin on Fecal Microbiota, Cardiometabolic Risk Factors, Eicosanoids, and Oxidative Stress in Rats Fed a High-Fat Diet.](#)**Foods (Basel, Switzerland)** , Volume: 11 Issue: 24 2022 Dec 16

Authors Miralles-Pérez B,Nogués MR,Sánchez-Martos V,Fortuño-Mar À,Ramos-Romero S,Torres JL,Ponomarenko J,Amézqueta S,Zhang X,Romeu M

[Simulated Digestion and Fermentation In Vitro by Obese Human Gut Microbiota of Sulforaphane from Broccoli Seeds.](#)**Foods (Basel, Switzerland)** , Volume: 11 Issue: 24 2022 Dec 12

Authors Sun Y,Tang Z,Hao T,Qiu Z,Zhang B

[Dietary Capsaicin: A Spicy Way to Improve Cardio-Metabolic Health?](#)**Biomolecules** , Volume: 12 Issue: 12 2022 Nov 29

Authors Szallasi A

[Modulating effects of Hericium erinaceus polysaccharides on the immune response by regulating gut microbiota in cyclophosphamide-treated mice.](#)**Journal of the science of food and agriculture** , Volume: 103 Issue: 6 2023 Apr

Authors Tian B,Liu R,Xu T,Cai M,Mao R,Huang L,Yang K,Zeng X,Peilong S

[Underlying beneficial effects of Rhubarb on constipation-induced inflammation, disorder of gut microbiome and metabolism.](#)**Frontiers in pharmacology** , Volume: 13 2022

Authors Gao H,He C,Hua R,Liang C,Wang B,Du Y,Xin S,Guo Y,Gao L,Zhang L,Shang H,Xu J

[Intake of slow-digesting carbohydrates is related to changes in the microbiome and its functional pathways in growing rats with obesity induced by diet.](#)**Frontiers in nutrition** , Volume: 9 2022

Authors Plaza-Díaz J,Manzano M,Ruiz-Ojeda FJ,Giron MD,Salto R,López-Pedrosa JM,Santos-Fandila A,García-Corcoles MT,Rueda R,Gil Á

[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

[Empire Apple \(Malus domestica\) Juice, Pomace, and Pulp Modulate Intestinal Functionality, Morphology, and Bacterial](#)

Populations In Vivo (Gallus gallus).**Nutrients** , Volume: 14 Issue: 23 2022 Nov 22

Authors Jackson C,Shukla V,Kolba N,Agarwal N,Padilla-Zakour OI,Tako E

Constipation Mitigation by Rhubarb Extract in Middle-Aged Adults Is Linked to Gut Microbiome Modulation: A Double-Blind Randomized Placebo-Controlled Trial.**International journal of molecular sciences** , Volume: 23 Issue: 23 2022 Nov 24

Authors Neyrinck AM,Rodriguez J,Taminiau B,Herpin F,Cani PD,Daube G,Bindels LB,Delzenne NM

Effects of Dietary Quinoa Seeds on Cecal Microorganisms and Muscle Fatty Acids of Female Luhua Chickens.**Animals : an open access journal from MDPI** , Volume: 12 Issue: 23 2022 Nov 28

Authors Wu T,Jiang X,Yang F,Wei Y,Zhao S,Jiao T

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

Reduction of Redox Potential Exerts a Key Role in Modulating Gut Microbial Taxa and Function by Dietary Supplementation of Pectin in a Pig Model.**Microbiology spectrum** , Volume: 11 Issue: 1 2023 Feb 14

Authors Xu R,Li Q,Wang H,Su Y,Zhu W

Fagopyrum dibotrys extract alleviates hepatic steatosis and insulin resistance, and alters autophagy and gut microbiota diversity in mouse models of high-fat diet-induced non-alcoholic fatty liver disease.**Frontiers in nutrition** , Volume: 9 2022

Authors Zhang D,Xu Y,Chen H,Wang D,Geng Z,Chen Y,Chen Y,Xiong D,Yang R,Liu X,Zhang Y,Xiang P,Ma L,Liu J

Tea polyphenol and epigallocatechin gallate ameliorate hyperlipidemia via regulating liver metabolism and remodeling gut microbiota.**Food chemistry** , Volume: 404 Issue: Pt A 2023 Mar 15

Authors Wen JJ,Li MZ,Chen CH,Hong T,Yang JR,Huang XJ,Geng F,Hu JL,Nie SP

The impact of dietary fibers on Clostridioides difficile infection in a mouse model.**Frontiers in cellular and infection microbiology** , Volume: 12 2022

Authors Wu Z,Xu Q,Wang Q,Chen Y,Lv L,Zheng B,Yan R,Jiang H,Shen J,Wang S,Wang K,Xia J,Han S,Li L

The effects of Saccharomyces boulardii on rat colonic hypermotility induced by repeated water avoidance stress and the potential mechanism.**PeerJ** , Volume: 10 2022

Authors Liu J,Ren H,Yuan F,Shao M,Luo H

Zeaxanthin Dipalmitate-Enriched Emulsion Stabilized with Whey Protein Isolate-Gum Arabic Maillard Conjugate Improves Gut Microbiota and Inflammation of Colitis Mice.**Foods (Basel, Switzerland)** , Volume: 11 Issue: 22 2022 Nov 16

Authors Kan X,Zhou W,Xu W,Dai Z,Yan Y,Mi J,Sun Y,Zeng X,Cao Y,Lu L

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

Polysaccharides from Pseudostellaria heterophylla modulate gut microbiota and alleviate syndrome of spleen deficiency in rats.**Scientific reports** , Volume: 12 Issue: 1 2022 Nov 23

Authors Xiao Q,Zhao L,Jiang C,Zhu Y,Zhang J,Hu J,Wang G

Response of gut microbiota and ileal transcriptome to inulin intervention in HFD induced obese mice.**International journal of biological macromolecules** , Volume: 225 2023 Jan 15

Authors Zhang H,Zhang Y,Mu T,Cao J,Liu X,Yang X,Ren D,Zhao K

Epigallocatechin-3-Gallate Decreases Plasma and Urinary Levels of p-Cresol by Modulating Gut Microbiota in Mice.**ACS omega** , Volume: 7 Issue: 44 2022 Nov 8

Authors Unno T,Ichitani M

Diets enriched with finely ground wheat bran alter digesta passage rate and composition of the gut microbiome in sows.**Animal nutrition (Zhongguo xu mu shou yi xue hui)** , Volume: 12 2023 Mar

Authors Wang Z,Wang W,Xu S,Ding J,Zeng X,Liu H,Wang F

Modulation of growth performance, gut morphometry, and cecal microbiota in broilers by clove (Syzygium aromaticum) and tulsi (Ocimum sanctum) supplementation.**Poultry science** , Volume: 102 Issue: 1 2023 Jan

Authors Islam R,Sultana N,Bhakta S,Haque Z,Hasan A,Siddique MP,Islam MR

Amination Potentially Augments the Ameliorative Effect of Curcumin on Inhibition of the IL-6/Stat3/c-Myc Pathway and Gut Microbial Modulation in Colitis-Associated Tumorigenesis.

Journal of agricultural and food chemistry , Volume: 70 Issue: 46 2022 Nov 23

Authors Koh YC,Tsai YW, Lee PS, Nagabhushanam K, Ho CT, Pan MH

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

Lactobacillus rhamnosus TR08 Improves Dyslipidemia in Mice Fed with a High Fat Diet by Regulating the Intestinal Microbiota, Reducing Systemic Inflammatory Response, and Promoting Sphingomyelin Metabolism.

Molecules (Basel, Switzerland) , Volume: 27 Issue: 21 2022 Oct 29

Authors Feng X, Ding L, Ma G, Zhang Y, Sun Y, Li Z, Tao X, Ali A, Wang D, Wu L

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

Effects of Bacillus subtilis BSNK-5-Fermented Soymilk on the Gut Microbiota by In Vitro Fecal Fermentation.

Foods (Basel, Switzerland) , Volume: 11 Issue: 21 2022 Nov 3

Authors Gao Y, Hou L, Hu M, Li D, Tian Z, Wen W, Fan B, Li S, Wang F

Rifaximin Modifies Gut Microbiota and Attenuates Inflammation in Parkinson`s Disease: Predinical and Clinical Studies.

Cells , Volume: 11 Issue: 21 2022 Nov 2

Authors Hong CT, Chan L, Chen KY, Lee HH, Huang LK, Yang YSH, Liu YR, Hu CJ

Explainable Artificial Intelligence in the Early Diagnosis of Gastrointestinal Disease.

Diagnostics (Basel, Switzerland) , Volume: 12 Issue: 11 2022 Nov 9

Authors Lee KS, Kim ES

Long-Term Lactulose Administration Improves Dysbiosis Induced by Antibiotic and C. difficile in the PathoGut(TM) SHIME Model.

Antibiotics (Basel, Switzerland) , Volume: 11 Issue: 11 2022 Oct 24

Authors Calatayud M, Duysburgh C, Van den Abbeele P, Franckenstein D, Kuchina-Koch A, Marzorati M

Effect of garlic extract on weight loss and gut microbiota composition in obese women: A double-blind randomized controlled trial.

Frontiers in nutrition , Volume: 9 2022

Authors Ettehad-Marvasti F, Ejtahed HS, Siadat SD, Soroush AR, Hoseini-Tavassol Z, Hasani-Ranjbar S, Larijani B

Structural Insights into Amelioration Effects of Quercetin and Its Glycoside Derivatives on NAFLD in Mice by Modulating the Gut Microbiota and Host Metabolism.

Journal of agricultural and food chemistry , Volume: 70 Issue: 46 2022 Nov 23

Authors Shi Z, Zhang C, Lei H, Chen C, Cao Z, Song Y, Chen G, Wu F, Zhou J, Lu Y, Zhang L

Total saponins from quinoa bran alleviate high-fat diet-induced obesity and systemic inflammation via regulation of gut microbiota in rats.

Food science & nutrition , Volume: 10 Issue: 11 2022 Nov

Authors Li W, Song Y, Cao YN, Zhang LL, Zhao G, Wu DT, Zou L

Gut microbiome and metabolome analyses reveal the protective effect of special high-docosahexaenoic acid tuna oil on d-galactose-induced aging in mice.

Food science & nutrition , Volume: 10 Issue: 11 2022 Nov

Authors Zhang J, Yi C, Han J, Ming T, Zhou J, Lu C, Li Y, Su X

Co-fermented yellow wine lees by Bacillus subtilis and Enterococcus faecium regulates growth performance and gut microbiota in finishing pigs.

Frontiers in microbiology , Volume: 13 2022

Authors Zhang Y, Wang C, Su W, Jiang Z, He H, Gong T, Kai L, Xu H, Wang Y, Lu Z

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

Curcumin alleviates LPS-induced intestinal homeostatic imbalance through reshaping gut microbiota structure and regulating group 3 innate lymphoid cells in chickens.

Food & function , Volume: 13 Issue: 22 2022 Nov 14

Authors Ruan D, Wu S, Fouad AM, Zhu Y, Huang W, Chen Z, Gou Z, Wang Y, Han Y, Yan S, Zheng C, Jiang S

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

Gut microbiota profiling in aged dogs after feeding pet food contained Hericium erinaceus.**Journal of animal science and technology** , Volume: 64 Issue: 5 2022 Sep

Authors Cho HW,Choi S,Seo K,Kim KH,Jeon JH,Kim CH,Lim S,Jeong S,Chun JL

Baseline gut microbial profiles are associated with the efficacy of Bacillus subtilis and Enterococcus faecium in IBS-D.**Scandinavian journal of gastroenterology** , Volume: 58 Issue: 4 2023 Apr

Authors Hong G,Li Y,Yang M,Li G,Jin Y,Xiong H,Qian W,Hou X

Maternal vitamin D deficiency aggravates the dysbiosis of gut microbiota by affecting intestinal barrier function and inflammation in obese male offspring mice.**Nutrition (Burbank, Los Angeles County, Calif.)** , Volume: 105 2023 Jan

Authors Li P,Wang Y,Li P,Chen X,Liu Y,Zha L,Zhang Y,Qi K

Lactobacillus delbrueckii might lower serum triglyceride levels via colonic microbiota modulation and SCFA-mediated fat metabolism in parenteral tissues of growing-finishing pigs.**Frontiers in veterinary science** , Volume: 9 2022

Authors Hou G,Yin J,Wei L,Li R,Peng W,Yuan Y,Huang X,Yin Y

Tartary Buckwheat (Fagopyrum tataricum) Ameliorates Lipid Metabolism Disorders and Gut Microbiota Dysbiosis in High-Fat Diet-Fed Mice.**Foods (Basel, Switzerland)** , Volume: 11 Issue: 19 2022 Sep 29

Authors Li A,Wang J,Wang Y,Zhang B,Chen Z,Zhu J,Wang X,Wang S

The effects of peppermint (Mentha piperita L.) and chicory (Cichorium intybus L.) in comparison with a prebiotic on productive performance, blood constituents, immunity and intestinal microflora in broiler chickens.**Animal biotechnology** , Volume: 34 Issue: 7 2023 Dec

Authors Tufarelli V,Ghavami N,Nosrati M,Rasouli B,Kadim IT,Suárez Ramírez L,Gorlov I,Slozhenkina M,Mosolov A,Seidavi A,Ayasan T,Laudadio V

Dietary supplementation with low and high polymerization inulin ameliorates adipose tissue inflammation via the TLR4/NF- κ 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

Role of a probiotic strain in the modulation of gut microbiota and cytokines in inflammatory bowel disease.**Anaerobe** , Volume: 78 2022 Dec

Authors Bamola VD,Dubey D,Samanta P,Kedia S,Ahuja V,Madempudi RS,Neelamraju J,Chaudhry R

Swimming exercise ameliorates depressive-like behavior by anti-inflammation activity, rebalancing gut Escherichia coli and Lactobacilli.**Brain research** , Volume: 1797 2022 Dec 15

Authors Ding Z,Du L

Oral administration of Lactobacillus plantarum JC7 alleviates OVA-induced murine food allergy through immunoregulation and restoring disordered intestinal microbiota.**European journal of nutrition** , Volume: 62 Issue: 2 2023 Mar

Authors Duan C,Ma L,Yu J,Sun Y,Liu L,Ma F,Li X,Li D

Resveratrol modulates the gut microbiota of cholestasis in pregnant rats.**Journal of physiology and pharmacology : an official journal of the Polish Physiological Society** , Volume: 73 Issue: 2 2022 Apr

Authors Li Z,Lei L,Ling L,Liu Y,Xiong Z,Shao Y

The potential role of lactulose pharmacotherapy in the treatment and prevention of diabetes.**Frontiers in endocrinology** , Volume: 13 2022

Authors Chu N,Ling J,Jie H,Leung K,Poon E

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

Biological activity of galacto-oligosaccharides: A review.**Frontiers in microbiology** , Volume: 13 2022

Authors Mei Z,Yuan J,Li D

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

Comprehensive analysis of microbiome, metabolome and transcriptome revealed the mechanisms of Moringa oleifera polysaccharide on preventing ulcerative colitis.

International journal of biological macromolecules , Volume: 222 Issue: Pt A 2022 Dec 1

Authors Tian H,Wen Z,Liu Z,Guo Y,Liu G,Sun B

Effect of dietary resveratrol supplementation on growth performance, antioxidant capacity, intestinal immunity and gut microbiota in yellow-feathered broilers challenged with lipopolysaccharide.

Frontiers in microbiology , Volume: 13 2022

Authors He Z,Li Y,Xiong T,Nie X,Zhang H,Zhu C

Intermittent fasting positively modulates human gut microbial diversity and ameliorates blood lipid profile.

Frontiers in microbiology , Volume: 13 2022

Authors Khan MN,Khan SI,Rana MI,Ayyaz A,Khan MY,Imran M

Intermittent fasting positively modulates human gut microbial diversity and ameliorates blood lipid profile.

Frontiers in microbiology , Volume: 13 2022

Authors Khan MN,Khan SI,Rana MI,Ayyaz A,Khan MY,Imran M

Impact of Clarified Apple Juices with Different Processing Methods on Gut Microbiota and Metabolomics of Rats.

Nutrients , Volume: 14 Issue: 17 2022 Aug 25

Authors Xu L,Yang S,Wang K,Lu A,Wang X,Xu Z

Metabologenomic Approach Reveals Intestinal Environmental Features Associated with Barley-Induced Glucose Tolerance Improvements in Japanese: A Randomized Controlled Trial.

Nutrients , Volume: 14 Issue: 17 2022 Aug 24

Authors Goto Y,Nishimoto Y,Murakami S,Nomaguchi T,Mori Y,Ito M,Nakaguro R,Kudo T,Matsuoka T,Yamada T,Kobayashi T,Fukuda S

Detection of indigenous gut bacteria related to red chilli pepper (Capsicum annuum) in murine caecum and human faecal cultures.

Molecular biology reports , Volume: 49 Issue: 11 2022 Nov

Authors Xia Y,Lee G,Yamamoto M,Takahashi H,Kuda T

Bacillus subtilis M6 improves intestinal barrier, antioxidant capacity and gut microbial composition in AA broiler.

Frontiers in nutrition , Volume: 9 2022

Authors Ji L,Zhang L,Liu H,Shen J,Zhang Y,Lu L,Zhang X,Ma X

The antidiabetic effects of Bifidobacterium longum subsp. longum BL21 through regulating gut microbiota structure in type 2 diabetic mice.

Food & function , Volume: 13 Issue: 19 2022 Oct 3

Authors Hao J,Zhang Y,Wu T,Liu R,Sui W,Zhu J,Fang S,Geng J,Zhang M

Milk fat globule membrane supplementation to obese rats during pregnancy and lactation promotes neurodevelopment in offspring via modulating gut microbiota.

Frontiers in nutrition , Volume: 9 2022

Authors Yuan Q,Gong H,Du M,Li T,Mao X

Curcumin-driven reprogramming of the gut microbiota and metabolome ameliorates motor deficits and neuroinflammation in a mouse model of Parkinson's disease.

Frontiers in cellular and infection microbiology , Volume: 12 2022

Authors Cui C,Han Y,Li H,Yu H,Zhang B,Li G

Eugenol, A Major Component of Clove Oil, Attenuates Adiposity, and Modulates Gut Microbiota in High-Fat Diet-Fed Mice.

Molecular nutrition & food research , Volume: 66 Issue: 20 2022 Oct

Authors Li M,Zhao Y,Wang Y,Geng R,Fang J,Kang SG,Huang K,Tong T

Different effects of Bacillus coagulans vegetative cells and spore isolates on constipation-induced gut microbiota dysbiosis in mice.

Food & function , Volume: 13 Issue: 18 2022 Sep 22

Authors Li L,Liu B,Cao J,Zhang H,Tian F,Yu L,Chen W,Zhai Q

Tartary Buckwheat Flavonoids Improve Colon Lesions and Modulate Gut Microbiota Composition in Diabetic Mice.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2022 2022

Authors Cheng W,Cai C,Kreft I,Turnšek TL,Zu M,Hu Y,Zhou M,Liao Z

Chicken Gut Microbiota Responses to Dietary Bacillus subtilis Probiotic in the Presence and Absence of Eimeria Infection.

Microorganisms , Volume: 10 Issue: 8 2022 Jul 31

Authors Memon FU,Yang Y,Zhang G,Leghari IH,Lv F,Wang Y,Laghari F,Khushk FA,Si H

Selenium-enriched Bifidobacterium longum DD98 effectively ameliorates dextran sulfate sodium-induced ulcerative colitis in mice.

Frontiers in microbiology , Volume: 13 2022

Authors Hu Y, Jin X, Gao F, Lin T, Zhu H, Hou X, Yin Y, Kan S, Chen D

Bifidobacterium longum CECT 7894 Improves the Efficacy of Infliximab for DSS-Induced Colitis via Regulating the Gut Microbiota and Bile Acid Metabolism.

Frontiers in pharmacology , Volume: 13 2022

Authors Xiao F, Dong F, Li X, Li Y, Yu G, Liu Z, Wang Y, Zhang T

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

Supplementation of polyphenol-rich grapes attenuates colitis, colitis-associated colon cancer, and disease-associated dysbiosis in mice, but fails to mitigate colitis in antibiotic-treated mice.

The Journal of nutritional biochemistry , Volume: 109 2022 Nov

Authors Zhao Y, Nakatsu C, Jones-Hall Y, Jiang Q

Modified highland barley regulates lipid metabolism, liver inflammation and gut microbiota in high-fat/cholesterol diet mice as revealed by LC-MS based metabolomics.

Food & function , Volume: 13 Issue: 17 2022 Aug 30

Authors Li X, Du Y, Zhang C, Tu Z, Wang L

Probiotic Lactobacillus rhamnosus GR-1 supplementation attenuates Pb-induced learning and memory deficits by reshaping the gut microbiota.

Frontiers in nutrition , Volume: 9 2022

Authors Gu X, Bi N, Wang T, Huang C, Wang R, Xu Y, Wang HL

Consumption of Wheat Peptides Improves Functional Constipation: A Translational Study in Humans and Mice.

Molecular nutrition & food research , Volume: 66 Issue: 19 2022 Oct

Authors Wang Q, Shen F, Zhang J, Cai H, Pan Y, Sun T, Gong Y, Du J, Zhong H, Feng F

Bacillus coagulans in Combination with Chitooligosaccharides Regulates Gut Microbiota and Ameliorates the DSS-Induced Colitis in Mice.

Microbiology spectrum , Volume: 10 Issue: 4 2022 Aug 31

Authors Liu Z, Jiang Z, Zhang Z, Liu T, Fan Y, Liu T, Peng N

Beneficial Shifts in Gut Microbiota by Lactocaseibacillus rhamnosus R0011 and Lactobacillus helveticus R0052 in Alcoholic Hepatitis.

Microorganisms , Volume: 10 Issue: 7 2022 Jul 21

Authors Gupta H, Kim SH, Kim SK, Han SH, Kwon HC, Suk KT

Effects of sesame meal bioactive peptides, individually or in combination with a mixture of essential oils, on growth performance, carcass, jejunal morphology, and microbial composition of broiler chickens.

Tropical animal health and production , Volume: 54 Issue: 4 2022 Jul 20

Authors Bahadori MM, Rezaei pour V, Abdollahpour R, Irani M

Gender-based effect of absence of gut microbiota on the protective efficacy of Bifidobacterium longum-fermented rice bran diet against inflammation-associated colon tumorigenesis.

Molecular carcinogenesis , Volume: 61 Issue: 10 2022 Oct

Authors Kumar R, Maurya AK, Parker KD, Kant R, Ibrahim H, Kabir MI, Kumar D, Weber AM, Agarwal R, Kuhn KA, Ryan EP, Raina K

Recombinant Bifidobacterium longum Carrying Endostatin Protein Alleviates Dextran Sodium Sulfate-Induced Colitis and Colon Cancer in Rats.

Frontiers in microbiology , Volume: 13 2022

Authors Bi Z, Cui E, Yao Y, Chang X, Wang X, Zhang Y, Xu GX, Zhuang H, Hua ZC

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

Lactocaseibacillus rhamnosus Fmb14 prevents purine induced hyperuricemia and alleviate renal fibrosis through gut-kidney axis.

Pharmacological research , Volume: 182 2022 Aug

Authors Zhao H, Chen X, Zhang L, Meng F, Zhou L, Pang X, Lu Z, Lu Y

Dietary resistant starch ameliorating lipopolysaccharide-induced inflammation in meat ducks associated with the alteration in gut microbiome and glucagon-like peptide 1 signaling.

Journal of animal science and biotechnology , Volume: 13 Issue: 1 2022 Jul 15

Authors Qin S, Bai W, Applegate TJ, Zhang K, Tian G, Ding X, Bai S, Wang J, Lv L, Peng H, Xuan Y, Zeng Q

Association of serum 25-hydroxyvitamin D (25(OH)D) levels with the gut microbiota and metabolites in postmenopausal women in China.

Microbial cell factories , Volume: 21 Issue: 1 2022 Jul 11

Authors Gong J, He L, Zou Q, Zhao Y, Zhang B, Xia R, Chen B, Cao M, Gong W, Lin L, Lin X, Wang G, Guo M, He J, Xiao C, Chen J

Dietary Eugenol Nanoemulsion Potentiated Performance of Broiler Chickens: Orchestration of Digestive Enzymes, Intestinal Barrier Functions and Cytokines Related Gene Expression With a Consequence of Attenuating the Severity of E. coli O78 Infection.

Frontiers in veterinary science , Volume: 9 2022

Authors Ibrahim D,Eldemery F,Metwally AS,Abd-Allah EM,Mohamed DT,Ismail TA,Hamed TA,Al Sadik GM,Neamat-Allah ANF,Abd El-Hamid MI

Effects of Oats, Tartary Buckwheat, and Foxtail Millet Supplementation on Lipid Metabolism, Oxido-Inflammatory Responses, Gut Microbiota, and Colonic SCFA Composition in High-Fat Diet Fed Rats.

Nutrients , Volume: 14 Issue: 13 2022 Jul 4

Authors Wang Y,Qi W,Guo X,Song G,Pang S,Fang W,Peng Z

Identification of Nordic Berries with Beneficial Effects on Cognitive Outcomes and Gut Microbiota in High-Fat-Fed Middle-Aged C57BL/6J Mice.

Nutrients , Volume: 14 Issue: 13 2022 Jun 30

Authors Huang F,Marungruang N,Kostiuchenko O,Kravchenko N,Burleigh S,Prykhodko O,Hållénus FF,Heyman-Lindén L

Functional Fiber Reduces Mice Obesity by Regulating Intestinal Microbiota.

Nutrients , Volume: 14 Issue: 13 2022 Jun 28

Authors Zhang M,Liu J,Li C,Gao J,Xu C,Wu X,Xu T,Cui C,Wei H,Peng J,Zheng R

The Effects of Time-Restricted Eating on Metabolism and Gut Microbiota: A Real-Life Study.

Nutrients , Volume: 14 Issue: 13 2022 Jun 21

Authors Ferrocino I,Pellegrini M,D'Eusebio C,Goitre I,Ponzo V,Fadda M,Rosato R,Mengozzi G,Beccuti G,Merlo FD,Rahimi F,Comazzi I,Cocolin L,Ghigo E,Bo S

Quinoa bran soluble dietary fiber ameliorates dextran sodium sulfate induced ulcerative colitis in BALB/c mice by maintaining intestinal barrier function and modulating gut microbiota.

International journal of biological macromolecules , Volume: 216 2022 Sep 1

Authors Liu J,Wang Z,Mai P,Hao Y,Wang Z,Wang J

In vivo Trial of Bifidobacterium longum Revealed the Complex Network Correlations Between Gut Microbiota and Health Promotional Effects.

Frontiers in microbiology , Volume: 13 2022

Authors Kim YT,Kim CH,Kwon JG,Cho JH,Shin YS,Kim HB,Lee JH

The regulatory effect of fermented black barley on the gut microbiota and metabolic dysbiosis in mice exposed to cigarette smoke.

Food research international (Ottawa, Ont.) , Volume: 157 2022 Jul

Authors Zhong L,Qin L,Ding X,Ma L,Wang Y,Liu M,Chen H,Yan H,Song L

Fermented milk of cheese-derived Lactobacillus delbrueckii subsp. bulgaricus displays potentials in alleviating alcohol-induced hepatic injury and gut dysbiosis in mice.

Food research international (Ottawa, Ont.) , Volume: 157 2022 Jul

Authors Liu M,Liu M,Yang S,Shen C,Wang X,Liu W,Guo Y

Efficacy of Amikacin and Meropenem on Colistin-Induced Klebsiella pneumoniae Persisters.

Microbial drug resistance (Larchmont, N.Y.) , Volume: 28 Issue: 7 2022 Jul

Authors Vatansever C,Ozer B,Atac N,Guler OU,Kilicoglu BK,Berkkan M,Baskurt D,Sever E,Dogan O,Can F

Arabinoxylan from rice bran protects mice against high-fat diet-induced obesity and metabolic inflammation by modulating gut microbiota and short-chain fatty acids.

Food & function , Volume: 13 Issue: 14 2022 Jul 18

Authors Luo S,He L,Zhang H,Li Z,Liu C,Chen T

Regulatory Effect of Lactiplantibacillus plantarum 2-33 on Intestinal Microbiota of Mice With Antibiotic-Associated Diarrhea.

Frontiers in nutrition , Volume: 9 2022

Authors Bao W,He Y,Yu J,Liu M,Yang X,Ta N,Zhang E,Liang C

Oral administration of octacosanol modulates the gut bacteria and protects the intestinal barrier in ulcerative colitis mice.

Journal of food biochemistry , Volume: 46 Issue: 10 2022 Oct

Authors Miao ST,Lu QS,Zhou YJ,Chang YN,Xu T,Zhu MY

In-Vitro Antibacterial Activity of Curcumin-Loaded Nanofibers Based on Hyaluronic Acid against Multidrug-Resistant ESKAPE Pathogens.

Pharmaceutics , Volume: 14 Issue: 6 2022 May 31

Authors Snetkov P,Rogacheva E,Kremleva A,Morozkina S,Uspenskaya M,Kraeva L

Bifidobacterium adolescentis Is Effective in Relieving Type 2 Diabetes and May Be Related to Its Dominant Core Genome and Gut Microbiota Modulation Capacity.

Nutrients , Volume: 14 Issue: 12 2022 Jun 15

Authors Qian X,Si Q,Lin G,Zhu M,Lu J,Zhang H,Wang G,Chen W

The Effect of Nutritional Intervention with Lactoferrin, Galactooligosaccharides and Vitamin D on the Gut Microbiota Composition of Healthy Elderly Women.

Nutrients , Volume: 14 Issue: 12 2022 Jun 14

Authors Konstanti P,van Splunter M,van den Brink E,Belzer C,Nauta A,van Neerven RJ,Smidt H

Polyphenols and Polysaccharides from Morus alba L. Fruit Attenuate High-Fat Diet-Induced Metabolic Syndrome Modifying the Gut Microbiota and Metabolite Profile.

Foods (Basel, Switzerland) , Volume: 11 Issue: 12 2022 Jun 20

Authors Wan M,Li Q,Lei Q,Zhou D,Wang S

Dietary Moringa oleifera leaf powder improves jejunal permeability and digestive function by modulating the microbiota composition and mucosal immunity in heat stressed rabbits.

Environmental science and pollution research international , Volume: 29 Issue: 53 2022 Nov

Authors Khalid AR,Yasoob TB,Zhang Z,Zhu X,Hang S

Lactobacillus plantarum FRT4 alleviated obesity by modulating gut microbiota and liver metabolome in high-fat diet-induced obese mice.

Food & nutrition research , Volume: 66 2022

Authors Cai H,Wen Z,Zhao L,Yu D,Meng K,Yang P

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

Resistant Maltodextrin Consumption in a Double-Blind, Randomized, Crossover Clinical Trial Induces Specific Changes in Potentially Beneficial Gut Bacteria.

Nutrients , Volume: 14 Issue: 11 2022 May 25

Authors Mai V,Burns AM,Solch RJ,Dennis-Wall JC,Ukhanova M,Langkamp-Henken B

Immunological Activity and Gut Microbiota Modulation of Pectin from Kiwano (Cucumis metuliferus) Peels.

Foods (Basel, Switzerland) , Volume: 11 Issue: 11 2022 May 31

Authors Zhu M,Song Y,Martínez-Cuesta MC,Peláez C,Li E,Requena T,Wang H,Sun Y

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

Bifidobacterium longum CCFM752 prevented hypertension and aortic lesion, improved antioxidative ability, and regulated the gut microbiome in spontaneously hypertensive rats.

Food & function , Volume: 13 Issue: 11 2022 Jun 6

Authors Lu W,Wang Y,Fang Z,Wang H,Zhu J,Zhai Q,Zhao J,Zhang H,Chen W

Anti-obesity effects of Laminaria japonica fucoidan in high-fat diet-fed mice vary with the gut microbiota structure.

Food & function , Volume: 13 Issue: 11 2022 Jun 6

Authors Zhang X,You Y,Wang L,Ai C,Huang L,Wang S,Wang Z,Song S,Zhu B

Quinoa Reduces High-Fat Diet-Induced Obesity in Mice via Potential Microbiota-Gut-Brain-Liver Interaction Mechanisms.

Microbiology spectrum , Volume: 10 Issue: 3 2022 Jun 29

Authors Wang TY,Tao SY,Wu YX,An T,Lv BH,Liu JX,Liu YT,Jiang GJ

Curcumin Supplementation Ameliorates Bile Cholesterol Supersaturation in Hamsters by Modulating Gut Microbiota and Cholesterol Absorption.

Nutrients , Volume: 14 Issue: 9 2022 Apr 27

Authors Hong T,Zou J,Jiang X,Yang J,Cao Z,He Y,Feng D

Crude Polysaccharide Extracted From Moringa oleifera Leaves Prevents Obesity in Association With Modulating Gut Microbiota in High-Fat Diet-Fed Mice.

Frontiers in nutrition , Volume: 9 2022

Authors Li L,Ma L,Wen Y,Xie J,Yan L,ji A,Zeng Y,Tian Y,Sheng J

Pomegranate juice alters the microbiota in breast milk and infant stool: a pilot study.

Food & function , Volume: 13 Issue: 10 2022 May 23

Authors Henning SM,Yang J,Lee RP,Huang J,Thames G,Korn M,Ben-Nissan D,Heber D,Li Z

Starch acylation of different short-chain fatty acids and its corresponding influence on gut microbiome and diabetic indexes.

Food chemistry , Volume: 389 2022 Sep 30

Authors Li M,Wang F,Wang J,Wang A,Yao X,Strappe P,Zhou Z,Wu Q,Guo T

Impact of pectin with various esterification degrees on the profiles of gut microbiota and serum metabolites.

Applied microbiology and biotechnology , Volume: 106 Issue: 9-10 2022 May

Authors Wu Q,Fan L,Tan H,Zhang Y,Fang Q,Yang J,Cui SW,Nie S

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

Lactobacillus casei Improve Anti-Tuberculosis Drugs-Induced Intestinal Adverse Reactions in Rat by Modulating Gut Microbiota and Short-Chain Fatty Acids.**Nutrients** , Volume: 14 Issue: 8 2022 Apr 17

Authors Li Y,Zhao L,Hou M,Gao T,Sun J,Luo H,Wang F,Zhong F,Ma A,Cai J

Digestive Characteristics of Hericium erinaceus Polysaccharides and Their Positive Effects on Fecal Microbiota of Male and Female Volunteers During in vitro Fermentation.**Frontiers in nutrition** , Volume: 9 2022

Authors Tian B,Geng Y,Xu T,Zou X,Mao R,Pi X,Wu W,Huang L,Yang K,Zeng X,Sun P

Dietary Supplementation With Fine-Grinding Wheat Bran Improves Lipid Metabolism and Inflammatory Response via Modulating the Gut Microbiota Structure in Pregnant Sow.**Frontiers in microbiology** , Volume: 13 2022

Authors Wang Z,Chen Y,Wang W,Huang C,Hu Y,Johnston L,Wang F

In Vitro Gut Fermentation of Whey Protein Hydrolysate: An Evaluation of Its Potential Modulation on Infant Gut Microbiome.**Nutrients** , Volume: 14 Issue: 7 2022 Mar 25

Authors Feng C,Tian L,Hong H,Wang Q,Zhan X,Luo Y,Tan Y

Probiotic-fermented rice buckwheat alleviates high-fat diet-induced hyperlipidemia in mice by suppressing lipid accumulation and modulating gut microbiota.**Food research international (Ottawa, Ont.)** , Volume: 155 2022 May

Authors Yan J,Xue Q,Chen W,Wang K,Peng D,Jiang J,Li P,Du 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

Effects of Ramadan and Non-ramadan Intermittent Fasting on Gut Microbiome.**Frontiers in nutrition** , Volume: 9 2022

Authors Mousavi SN,Rayyani E,Heshmati J,Tavasolian R,Rahimlou M

Intestinal Mucosal Immunity-Mediated Modulation of the Gut Microbiome by Oral Delivery of Enterococcus faecium Against Salmonella Enteritidis Pathogenesis in a Laying Hen Model.**Frontiers in immunology** , Volume: 13 2022

Authors Huang S,Rong X,Liu M,Liang Z,Geng Y,Wang X,Zhang J,Ji C,Zhao L,Ma Q

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

Effects of the potential probiotic Bacillus subtilis D1-2 on growth, digestion, immunity and intestinal flora in juvenile sea cucumber, Apostichopus japonicus.**Fish & shellfish immunology** , Volume: 124 2022 May

Authors Wang M,Lv C,Chen Y,Bi X,Yang D,Zhao J

Integrated metagenomics-metabolomics analysis reveals the cecal microbial composition, function, and metabolites of pigs fed diets with different starch sources.**Food research international (Ottawa, Ont.)** , Volume: 154 2022 Apr

Authors Yu M,Li Z,Rong T,Tian Z,Deng D,Lu H,Zhang R,Ma X

High-Salt Diet Induces Depletion of Lactic Acid-Producing Bacteria in Murine Gut.**Nutrients** , Volume: 14 Issue: 6 2022 Mar 10

Authors Hamad I,Cardilli A,Côrte-Real BF,Dyczko A,Vangronsveld J,Kleinewietfeld M

Bacillus subtilis WB800N alleviates diabetic wounds in mice by regulating gut microbiota homeostasis and TLR2.**Journal of applied microbiology** , Volume: 133 Issue: 2 2022 Aug

Authors Mi J,Xie C,Zeng L,Zhu Z,Chen N,He Q,Xu X,Xie H,Zhou J,Li L,Liao J

Relationships between barley consumption and gut microbiome characteristics in a healthy Japanese population: a cross-sectional study.**BMC nutrition** , Volume: 8 Issue: 1 2022 Mar 14

Authors Matsuoka T,Hosomi K,Park J,Goto Y,Nishimura M,Maruyama S,Murakami H,Konishi K,Miyachi M,Kawashima H,Mizuguchi K,Kobayashi T,Yokomichi H,Kunisawa J,Yamagata Z

Lactulose Modulates the Structure of Gut Microbiota and Alleviates Colitis-Associated Tumorigenesis.**Nutrients** , Volume: 14 Issue: 3 2022 Feb 3

- Authors** Hiraishi K,Zhao F,Kurahara LH,Li X,Yamashita T,Hashimoto T,Matsuda Y,Sun Z,Zhang H,Hirano K
Uremia-Induced Gut Barrier Defect in 5/6 Nephrectomized Mice Is Worsened by Candida Administration through a Synergy of Uremic Toxin, Lipopolysaccharide, and (1?3)- β -D-Glucan, but Is Attenuated by Lactocaseibacillus rhamnosus L34.
International journal of molecular sciences , Volume: 23 Issue: 5 2022 Feb 24
- Authors** Tungsanga S,Panpetch W,Bhunyakarnjanarat T,Udompornpitak K,Katavetin P,Chancharoenthana W,Chatthanathon P,Somboonna N,Tungsanga K,Tumwasorn S,Leelahavanichkul A
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
Evaluating the effects of a standardized polyphenol mixture extracted from poplar-type propolis on healthy and diseased human gut microbiota.
- Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie** , Volume: 148 2022 Apr
- Authors** Garzarella EU,Navajas-Porras B,Pérez-Burillo S,Ullah H,Esposito C,Santarcangelo C,Hinojosa-Nogueira D,Pastoriza S,Zaccaria V,Xiao J,Rufián-Henares JÁ,Daglia M
Enzymatic Preparation of Low-Molecular-Weight Laminaria japonica Polysaccharides and Evaluation of Its Effect on Modulating Intestinal Microbiota in High-Fat-Diet-Fed Mice.
- Frontiers in bioengineering and biotechnology** , Volume: 9 2021
- Authors** Fu X,Zhan Y,Li N,Yu D,Gao W,Gu Z,Zhu L,Li R,Zhu C
Effects of Live Combined Bacillus subtilis and Enterococcus faecium on Gut Microbiota Composition in C57BL/6 Mice and in Humans.
- Frontiers in cellular and infection microbiology** , Volume: 12 2022
- Authors** Pi X,Teng W,Fei D,Zhao G,Liu W
Bacillus subtilis inhibits intestinal inflammation and oxidative stress by regulating gut flora and related metabolites in laying hens.
- Animal : an international journal of animal bioscience** , Volume: 16 Issue: 3 2022 Mar
- Authors** Zou XY,Zhang M,Tu WJ,Zhang Q,Jin ML,Fang RD,Jiang S
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
Natural Dietary Compound Xanthohumol Regulates the Gut Microbiota and Its Metabolic Profile in a Mouse Model of Alzheimer`s Disease.
- Molecules (Basel, Switzerland)** , Volume: 27 Issue: 4 2022 Feb 14
- Authors** Liu W,He K,Wu D,Zhou L,Li G,Lin Z,Yang X,Liu J,Pui Man Hoi M
Cigarette Smoking and Human Gut Microbiota in Healthy Adults: A Systematic Review.
- Biomedicines** , Volume: 10 Issue: 2 2022 Feb 21
- Authors** Antinozzi M,Giffi M,Sini N,Gallè F,Valeriani F,De Vito C,Liguori G,Romano Spica V,Cattaruzza MS
Curcumin Alleviates Dextran Sulfate Sodium-Induced Colitis in Mice Through Regulating Gut Microbiota.
- Molecular nutrition & food research** , Volume: 66 Issue: 8 2022 Apr
- Authors** Guo X,Xu Y,Geng R,Qiu J,He X
Gallic Acid Alleviates Gut Dysfunction and Boosts Immune and Antioxidant Activities in Puppies Under Environmental Stress Based on Microbiome-Metabolomics Analysis.
- Frontiers in immunology** , Volume: 12 2021
- Authors** Yang K,Deng X,Jian S,Zhang M,Wen C,Xin Z,Zhang L,Tong A,Ye S,Liao P,Xiao Z,He S,Zhang F,Deng J,Zhang L,Deng B
Bifidobacterium animalis subsp. lactis BB-12 Has Effect Against Obesity by Regulating Gut Microbiota in Two Phases in Human Microbiota-Associated Rats.
- Frontiers in nutrition** , Volume: 8 2021
- Authors** Mao K,Gao J,Wang X,Li X,Geng S,Zhang T,Sadiq FA,Sang Y
Effects of Bacillus amyloliquefaciens TL106 Isolated from Tibetan Pigs on Probiotic Potential and Intestinal Microbes in Weaned Piglets.
- Microbiology spectrum** , Volume: 10 Issue: 1 2022 Jan 26
- Authors** Du H,Yao W,Kulyar MF,Ding Y,Zhu H,Pan H,Li K,Bhutta ZA,Liu S,Li J
Physicochemical Properties of the Soluble Dietary Fiber from Laminaria japonica and Its Role in the Regulation of Type 2 Diabetes Mice.
- Nutrients** , Volume: 14 Issue: 2 2022 Jan 13

Authors Wang X,Zhang L,Qin L,Wang Y,Chen F,Qu C,Miao 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,Brecchia G

Curcumin Supplementation (Meriva®) Modulates Inflammation, Lipid Peroxidation and Gut Microbiota Composition in Chronic Kidney Disease.

Nutrients , Volume: 14 Issue: 1 2022 Jan 5

Authors Pivari F,Mingione A,Piazzini G,Ceccarani C,Ottaviano E,Brasacchio C,Dei Cas M,Vischi M,Cozzolino MG,Fogagnolo P,Riva A,Petrangolini G,Barrea L,Di Renzo L,Borghi E,Signorelli P,Paroni R,Soldati L

A Synbiotic Formulation Comprising *Bacillus subtilis* DSM 32315 and L-Alanyl-L-Glutamine Improves Intestinal Butyrate Levels and Lipid Metabolism in Healthy Humans.

Nutrients , Volume: 14 Issue: 1 2021 Dec 29

Authors Tom Dieck H,Schön C,Wagner T,Pankoke HC,Flügel M,Speckmann B

Dietary Supplementation with Vitamin D, Fish Oil or Resveratrol Modulates the Gut Microbiome in Inflammatory Bowel Disease.

International journal of molecular sciences , Volume: 23 Issue: 1 2021 Dec 24

Authors Wellington VNA,Sundaram VL,Singh S,Sundaram U

Adjunctive Probiotic *Lactobacillus rhamnosus* ProBio-M9 Administration Enhances the Effect of Anti-PD-1 Antitumor Therapy via Restoring Antibiotic-Disrupted Gut Microbiota.

Frontiers in immunology , Volume: 12 2021

Authors Gao G,Ma T,Zhang T,Jin H,Li Y,Kwok LY,Zhang H,Sun Z

Rhubarb Enema Decreases Circulating Trimethylamine N-Oxide Level and Improves Renal Fibrosis Accompanied With Gut Microbiota Change in Chronic Kidney Disease Rats.

Frontiers in pharmacology , Volume: 12 2021

Authors Ji C,Li Y,Mo Y,Lu Z,Lu F,Lin Q,Liu X,Zou C,Wu Y

Dietary Amylose/Amylopectin Ratio Modulates Cecal Microbiota and Metabolites in Weaned Goats.

Frontiers in nutrition , Volume: 8 2021

Authors Gebeyew K,Chen K,Wassie T,Azad MAK,He J,Jiang W,Song W,He Z,Tan Z

Soluble Polysaccharide Derived from *Laminaria japonica* Attenuates Obesity-Related Nonalcoholic Fatty Liver Disease Associated with Gut Microbiota Regulation.

Marine drugs , Volume: 19 Issue: 12 2021 Dec 9

Authors Zhang Y,Yang L,Zhao N,Hong Z,Cai B,Le Q,Yang T,Shi L,He J

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

Curcumin β -D-Glucuronide Modulates an Autoimmune Model of Multiple Sclerosis with Altered Gut Microbiota in the Ileum and Feces.

Frontiers in cellular and infection microbiology , Volume: 11 2021

Authors Khadka S,Omura S,Sato F,Nishio K,Takeya H,Tsunoda I

Restoring an adequate dietary fiber intake by inulin supplementation: a pilot study showing an impact on gut microbiota and sociability in alcohol use disorder patients.

Gut microbes , Volume: 14 Issue: 1 2022 Jan-Dec

Authors Amadieu C,Coste V,Neyrinck AM,Thijssen V,Leyrolle Q,Bindels LB,Piessevaux H,Stärkel P,de Timary P,Delzenne NM,Leclercq S

Nine weeks of high-intensity indoor cycling training induced changes in the microbiota composition in non-athlete healthy male college students.

Journal of the International Society of Sports Nutrition , Volume: 18 Issue: 1 2021 Dec 18

Authors Donati Zeppa S,Amatori S,Sisti D,Gervasi M,Agostini D,Piccoli G,Pazienza V,Gobbi P,Rocchi MBL,Sestili P,Stocchi V

Effects of Dietary Supplementation With *Bacillus subtilis*, as an Alternative to Antibiotics, on Growth Performance, Serum Immunity, and Intestinal Health in Broiler Chickens.

Frontiers in nutrition , Volume: 8 2021

Authors Qiu K,Li CL,Wang J,Qi GH,Gao J,Zhang HJ,Wu SG

Active Smoking Induces Aberrations in Digestive Tract Microbiota of Rats.

Frontiers in cellular and infection microbiology , Volume: 11 2021

Authors Wang X,Ye P,Fang L,Ge S,Huang F,Polverini PJ,Heng W,Zheng L,Hu Q,Yan F,Wang W

Gut microbiota modulation as a possible mediating mechanism for fasting-induced alleviation of metabolic complications: a systematic review.

Nutrition & metabolism , Volume: 18 Issue: 1 2021 Dec 14

Authors Angoorani P, Ehtahed HS, Hasani-Ranjbar S, Siadat SD, Soroush AR, Larijani B

Intermittent Fasting Reshapes the Gut Microbiota and Metabolome and Reduces Weight Gain More Effectively Than Melatonin in Mice.

Frontiers in nutrition , Volume: 8 2021

Authors Liu J, Zhong Y, Luo XM, Ma Y, Liu J, Wang H

Bacillus subtilis Attenuates Hepatic and Intestinal Injuries and Modulates Gut Microbiota and Gene Expression Profiles in Mice Infected with Schistosoma japonicum.

Frontiers in cell and developmental biology , Volume: 9 2021

Authors Lin D, Song Q, Zhang Y, Liu J, Chen F, Du S, Xiang S, Wang L, Wu X, Sun X

Regulatory Effect of Resveratrol on Inflammation Induced by Lipopolysaccharides via Reprogramming Intestinal Microbes and Ameliorating Serum Metabolism Profiles.

Frontiers in immunology , Volume: 12 2021

Authors Ding S, Jiang H, Fang J, Liu G

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

A Pilot Study of the Effect of Lactobacillus casei Obtained from Long-Lived Elderly on Blood Biochemical, Oxidative, and Inflammatory Markers, and on Gut Microbiota in Young Volunteers.

Nutrients , Volume: 13 Issue: 11 2021 Oct 29

Authors Mei LH, Zheng WX, Zhao ZT, Meng N, Zhang QR, Zhu WJ, Li RD, Liang XL, Li QY

Characterization and prebiotic properties of pectin polysaccharide from Clausena lansium (Lour.) Skeels fruit.

International journal of biological macromolecules , Volume: 194 2022 Jan 1

Authors Song C, Huang F, Liu L, Zhou Q, Zhang D, Fang Q, Lei H, Niu H

Lactobacillus plantarum ZJUFB2 Prevents High Fat Diet-Induced Insulin Resistance in Association With Modulation of the Gut Microbiota.

Frontiers in nutrition , Volume: 8 2021

Authors Zhong H, Wang J, Abdullah, Hafeez MA, Guan R, Feng F

Lactobacillus rhamnosus Strain LRH05 Intervention Ameliorated Body Weight Gain and Adipose Inflammation via Modulating the Gut Microbiota in High-Fat Diet-Induced Obese Mice.

Molecular nutrition & food research , Volume: 66 Issue: 1 2022 Jan

Authors Chen YT, Chiou SY, Hsu AH, Lin YC, Lin JS

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

Impacts of Cigarette Smoking Status on Metabolomic and Gut Microbiota Profile in Male Patients With Coronary Artery Disease: A Multi-Omics Study.

Frontiers in cardiovascular medicine , Volume: 8 2021

Authors Hu X, Fan Y, Li H, Zhou R, Zhao X, Sun Y, Zhang S

Beneficial effect of whole-grain wheat on liver fat: a role for the gut microbiota?

Hepatobiliary surgery and nutrition , Volume: 10 Issue: 5 2021 Oct

Authors Gérard P

Evaluation of the therapeutic effect and dose-effect of Bifidobacterium breve on the primary Clostridioides difficile infected mice.

Applied microbiology and biotechnology , Volume: 105 Issue: 24 2021 Dec

Authors Yang J, Yang H

Time to abandon ampicillin plus gentamicin in favour of ampicillin plus ceftriaxone in Enterococcus faecalis infective endocarditis? A meta-analysis of comparative trials.

Clinical research in cardiology : official journal of the German Cardiac Society , 2021 Nov 9

Authors Mirna M, Topf A, Schmutzler L, Hoppe UC, Lichtenauer M

Protective Effects of Bacillus amyloliquefaciens 40 Against Clostridium perfringens Infection in Mice.

Frontiers in nutrition , Volume: 8 2021

Authors Jiang Z, Li W, Su W, Wen C, Gong T, Zhang Y, Wang Y, Jin M, Lu Z

Growth performance, internal organ traits, intestinal morphology, and microbial population of broiler chickens fed quinoa

seed-based diets with phytase or protease supplements and their combination.

Tropical animal health and production , Volume: 53 Issue: 6 2021 Nov 6

Authors Amiri MYA,Jafari MA,Irani M

Effect of organic acids-essential oils blend and oat fiber combination on broiler chicken growth performance, blood parameters, and intestinal health.

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 7 Issue: 4 2021 Dec

Authors Adewole DI,Oladokun S,Santin E

Lactobacillus plantarum CCFM1143 Alleviates Chronic Diarrhea via Inflammation Regulation and Gut Microbiota Modulation: A Double-Blind, Randomized, Placebo-Controlled Study.

Frontiers in immunology , Volume: 12 2021

Authors Yang B,Yue Y,Chen Y,Ding M,Li B,Wang L,Wang Q,Stanton C,Ross RP,Zhao J,Zhang H,Chen W

Cinnamaldehyde Promotes the Intestinal Barrier Functions and Reshapes Gut Microbiome in Early Weaned Rats.

Frontiers in nutrition , Volume: 8 2021

Authors Qi L,Mao H,Lu X,Shi T,Wang J

Effects of fermented wheat bran and yeast culture on growth performance, immunity and intestinal microflora in growing-finishing pigs.

Journal of animal science , 2021 Oct 23

Authors He W,Gao Y,Guo Z,Yang Z,Wang X,Liu H,Sun H,Shi B

Alleviation Effects of Bifidobacterium animalis subsp. lactis XLTG11 on Dextran Sulfate Sodium-Induced Colitis in Mice.

Microorganisms , Volume: 9 Issue: 10 2021 Oct 3

Authors Wang N,Wang S,Xu B,Liu F,Huo G,Li B

Supplementation with Lactiplantibacillus plantarum IMC 510 Modifies Microbiota Composition and Prevents Body Weight Gain Induced by Cafeteria Diet in Rats.

International journal of molecular sciences , Volume: 22 Issue: 20 2021 Oct 16

Authors Micioni Di Bonaventura MV,Coman MM,Tomassoni D,Micioni Di Bonaventura E,Botticelli L,Gabrielli MG,Rossolini GM,Di Pilato V,Cecchini C,Amedei A,Silvi S,Verdenelli MC,Cifani C

Alterations in Faecal Microbiota and Elevated Levels of Intestinal IgA Following Oral Administration of Lactocaseibacillus casei in mice.

Probiotics and antimicrobial proteins , Volume: 15 Issue: 3 2023 Jun

Authors Aindelis G,Ypsilantis P,Chlichlia K

Positive Synergistic Effects of Quercetin and Rice Bran on Human Gut Microbiota Reduces Enterobacteriaceae Family Abundance and Elevates Propionate in a Bioreactor Model.

Frontiers in microbiology , Volume: 12 2021

Authors Ghimire S,Wongkuna S,Sankaranarayanan R,Ryan EP,Bhat GJ,Scaria J

Influence of Diet on the Effect of the Probiotic Lactobacillus paracasei in Rats Suffering From Allergic Asthma.

Frontiers in microbiology , Volume: 12 2021

Authors Xie A,Song J,Lu S,Liu Y,Tang L,Wen S

In vitro study of the effect of quinoa and quinoa polysaccharides on human gut microbiota.

Food science & nutrition , Volume: 9 Issue: 10 2021 Oct

Authors Zeyneb H,Pei H,Cao X,Wang Y,Wen Y,Gong L

In vitro digestibility and prebiotic activities of a bioactive polysaccharide from Moringa oleifera leaves.

Journal of food biochemistry , Volume: 45 Issue: 11 2021 Nov

Authors Li C,Zhou S,Fu X,Huang Q,Chen Q

Adjunctive Probiotics Alleviates Asthmatic Symptoms via Modulating the Gut Microbiome and Serum Metabolome.

Microbiology spectrum , 2021 Oct 6

Authors Liu A,Ma T,Xu N,Jin H,Zhao F,Kwok LY,Zhang H,Zhang S,Sun Z

Treatment with a spore-based probiotic containing five strains of Bacillus induced changes in the metabolic activity and community composition of the gut microbiota in a SHIME® model of the human gastrointestinal system.

Food research international (Ottawa, Ont.) , Volume: 149 2021 Nov

Authors Marzorati M,Van den Abbeele P,Bubeck S,Bayne T,Krishnan K,Young A

Early-life polyphenol intake promotes Akkermansia growth and increase of host goblet cells in association with the potential synergistic effect of Lactobacillus.

Food research international (Ottawa, Ont.) , Volume: 149 2021 Nov

Authors Lu F,Li Y,Wang X,Hu X,Liao X,Zhang Y

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

Novel β -mannanase/GLP-1 fusion peptide high effectively ameliorates obesity in a mouse model by modifying balance of gut microbiota.

International journal of biological macromolecules , Volume: 191 2021 Nov 30

Authors Wang Y,Ablimit N,Zhang Y,Li J,Wang X,Liu J,Miao T,Wu L,Wang H,Wang Z,Lou H,Jiang W

Influences of Xylitol Consumption at Different Dosages on Intestinal Tissues and Gut Microbiota in Rats.

Journal of agricultural and food chemistry , Volume: 69 Issue: 40 2021 Oct 13

Authors Zuo QL,Cai X,Zheng XY,Chen DS,Li M,Liu ZQ,Chen KQ,Han FF,Zhu X

The Gut Microbiota during a Behavioral Weight Loss Intervention.

Nutrients , Volume: 13 Issue: 9 2021 Sep 18

Authors Stanislawski MA, Frank DN, Borengasser SJ, Ostendorf DM, Ir D, Jambal P, Bing K, Wayland L, Siebert JC, Bessesen DH, MacLean PS, Melanson EL, Catenacci VA

A Pectin-Rich, Baobab Fruit Pulp Powder Exerts Prebiotic Potential on the Human Gut Microbiome In Vitro.

Microorganisms , Volume: 9 Issue: 9 2021 Sep 17

Authors Foltz M, Zahradnik AC, Van den Abbeele P, Ghyselinck J, Marzorati M

Bacillus pumilus and Bacillus subtilis Promote Early Maturation of Cecal Microbiota in Broiler Chickens.

Microorganisms , Volume: 9 Issue: 9 2021 Sep 7

Authors Bilal M, Achard C, Barbe F, Chevaux E, Ronholm J, Zhao X

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

Effects of Total Dietary Fiber on Cecal Microbial Community and Intestinal Morphology of Growing White Pekin Duck.

Frontiers in microbiology , Volume: 12 2021

Authors Hao Y, Ji Z, Shen Z, Wu Y, Zhang B, Tang J, Hou S, Xie M

Selenium-Enriched Lactobacillus acidophilus Ameliorates Dextran Sulfate Sodium-Induced Chronic Colitis in Mice by Regulating Inflammatory Cytokines and Intestinal Microbiota.

Frontiers in medicine , Volume: 8 2021

Authors Wu Z, Pan D, Jiang M, Sang L, Chang B

Helianthus Annuus L. Alleviates High-Fat Diet Induced Atherosclerosis by Regulating Intestinal Microbiota, Inhibiting Inflammation and Restraining Oxidative Stress.

The American journal of Chinese medicine , Volume: 49 Issue: 7 2021

Authors Wang J, Shan S, Lyu A, Wan Y, Zhang J

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

Dietary and Pharmacologic Manipulations of Host Lipids and Their Interaction With the Gut Microbiome in Non-human Primates.

Frontiers in medicine , Volume: 8 2021

Authors Lang JM, Sedgeman LR, Cai L, Layne JD, Wang Z, Pan C, Lee R, Temel RE, Lusi AJ

Xanthohumol Requires the Intestinal Microbiota to Improve Glucose Metabolism in Diet-Induced Obese Mice.

Molecular nutrition & food research , Volume: 65 Issue: 21 2021 Nov

Authors Logan IE, Shulzhenko N, Sharpton TJ, Bobe G, Liu K, Nuss S, Jones ML, Miranda CL, Vasquez-Perez S, Pennington JM, Leonard SW, Choi J, Wu W, Gurung M, Kim JP, Lowry MB, Morgun A, Maier CS, Stevens JF, Gombart AF

Gut microbiota from green tea polyphenol-dosed mice improves intestinal epithelial homeostasis and ameliorates experimental colitis.

Microbiome , Volume: 9 Issue: 1 2021 Sep 7

Authors Wu Z, Huang S, Li T, Li N, Han D, Zhang B, Xu ZZ, Zhang S, Pang J, Wang S, Zhang G, Zhao J, Wang J

Inulin-type prebiotics reduce serum uric acid levels via gut microbiota modulation: a randomized, controlled crossover trial in peritoneal dialysis patients.

European journal of nutrition , Volume: 61 Issue: 2 2022 Mar

Authors He S, Xiong Q, Tian C, Li L, Zhao J, Lin X, Guo X, He Y, Liang W, Zuo X, Ying C

Effects of Dietary Supplementation of Lactobacillus delbrueckii on Gut Microbiome and Intestinal Morphology in Weaned Piglets.

Frontiers in veterinary science , Volume: 8 2021

Authors Wang XL, Liu ZY, Li YH, Yang LY, Yin J, He JH, Hou DX, Liu YL, Huang XG

Systematic Review of the Effects of Oat Intake on Gastrointestinal Health.

The Journal of nutrition , 2021 Sep 6

Authors Valido E, Stoyanov J, Bertolo A, Hertig-Godeschalk A, Zeh RM, Flueck JL, Minder B, Stojic S, Metzger B, Bussler W, Muka T, Kern H, Glisic M

Quercetin modulates the gut microbiota as well as the metabolome in a rat model of osteoarthritis.

Bioengineered , Volume: 12 Issue: 1 2021 Dec

Authors Lan H,Hong W,Qian D,Peng F,Li H,Liang C,Du M,Gu J,Mai J,Bai B,Peng G

Effects of Bacillus subtilis on jejunal integrity, redox status, and microbial composition of intrauterine growth restriction suckling piglets.

Journal of animal science , Volume: 99 Issue: 10 2021 Oct 1

Authors Yun Y, Ji S, Yu G, Jia P, Niu Y, Zhang H, Zhang X, Wang T, Zhang L

Eight-week exercise training in humans with obesity: Marked improvements in insulin sensitivity and modest changes in gut microbiome.

Obesity (Silver Spring, Md.) , Volume: 29 Issue: 10 2021 Oct

Authors Verheggen RJHM, Konstanti P, Smidt H, Hermus ARM, Thijssen DHJ, Hopman MTE

Lactobacillus paracasei S16 Alleviates Lumbar Disc Herniation by Modulating Inflammation Response and Gut Microbiota.

Frontiers in nutrition , Volume: 8 2021

Authors Wang Z, Wu H, Chen Y, Chen H, Wang X, Yuan W

The Protection of Lactiplantibacillus plantarum CCFM8661 Against Benzopyrene-Induced Toxicity via Regulation of the Gut Microbiota.

Frontiers in immunology , Volume: 12 2021

Authors Yu L, Zhang L, Duan H, Zhao R, Xiao Y, Guo M, Zhao J, Zhang H, Chen W, Tian F

A Novel Sprouted Oat Fermented Beverage: Evaluation of Safety and Health Benefits for Celiac Individuals.

Nutrients , Volume: 13 Issue: 8 2021 Jul 23

Authors Aparicio-García N, Martínez-Villaluenga C, Frias J, Crespo Perez L, Fernández CF, Alba C, Rodríguez JM, Peñas E

Gut Microbiome and Metabolome Profiles Associated with High-Fat Diet in Mice.

Metabolites , Volume: 11 Issue: 8 2021 Jul 27

Authors Jo JK, Seo SH, Park SE, Kim HW, Kim EJ, Kim JS, Pyo JY, Cho KM, Kwon SJ, Park DH, Son HS

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

Paternal high protein diet modulates body composition, insulin sensitivity, epigenetics, and gut microbiota intergenerationally in rats.

FASEB journal : official publication of the Federation of American Societies for Experimental Biology , Volume: 35 Issue: 9 2021 Sep

Authors Chleilat F, Schick A, Deleemans JM, Ma K, Alukic E, Wong J, Noye Tuplin EW, Nettleton JE, Reimer RA

Regulatory effects of Lactobacillus fermented black barley on intestinal microbiota of NAFLD rats.

Food research international (Ottawa, Ont.) , Volume: 147 2021 Sep

Authors Zhu C, Guan Q, Song C, Zhong L, Ding X, Zeng H, Nie P, Song L

Low-Dose Lactulose as a Prebiotic for Improved Gut Health and Enhanced Mineral Absorption.

Frontiers in nutrition , Volume: 8 2021

Authors Karakan T, Tuohy KM, Janssen-van Solingen G

Vitamin D and The Gut Microbiota: a Narrative Literature Review.

Clinical nutrition research , Volume: 10 Issue: 3 2021 Jul

Authors Tangestani H, Boroujeni HK, Djafarian K, Emamat H, Shab-Bidar S

Effects of Short-Term Dietary Fiber Intervention on Gut Microbiota in Young Healthy People.

Diabetes, metabolic syndrome and obesity : targets and therapy , Volume: 14 2021

Authors Tian T, Zhang X, Luo T, Wang D, Sun Y, Dai J

Dose-response and functional role of whey permeate as a source of lactose and milk oligosaccharides on intestinal health and growth of nursery pigs.

Journal of animal science , Volume: 99 Issue: 1 2021 Jan 1

Authors Jang KB, Purvis JM, Kim SW

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

Effect of the use of probiotic Bacillus subtilis (QST 713) as a growth promoter in broilers: an alternative to bacitracin methylene disalicylate.

Poultry science , Volume: 100 Issue: 9 2021 Sep

Authors Rivera-Pérez W, Barquero-Calvo E, Chaves AJ

Effects of Bacillus subtilis and Bacillus licheniformis on growth performance, immunity, short chain fatty acid production, antioxidant capacity, and cecal microflora in broilers.

Poultry science , Volume: 100 Issue: 9 2021 Jun 26

Authors Xu Y,Yu Y,Shen Y,Li Q,Lan J,Wu Y,Zhang R,Cao G,Yang C

[The effects of sustained fitness improvement on the gut microbiome: A longitudinal, repeated measures case-study approach.](#)

Translational sports medicine , Volume: 4 Issue: 2 2021 Mar

Authors Barton W,Cronin O,Garcia-Perez I,Whiston R,Holmes E,Woods T,Molloy CB,Molloy MG,Shanahan F,Cotter PD,O'Sullivan O

[High Red Meat Intake Exacerbates Dextran Sulfate-Induced Colitis by Altering Gut Microbiota in Mice.](#)

Frontiers in nutrition , Volume: 8 2021

Authors Li DP,Cui M,Tan F,Liu XY,Yao P

[Home-based exercise training influences gut bacterial levels in multiple sclerosis.](#)

Complementary therapies in clinical practice , Volume: 45 2021 Jul 30

Authors Mokhtarzade M,Molanouri Shamsi M,Abolhasani M,Bakhshi B,Sahraian MA,Quinn LS,Negaresh R

[Lactobacillus rhamnosus LRa05 Ameliorate Hyperglycemia through a Regulating Glucagon-Mediated Signaling Pathway and Gut Microbiota in Type 2 Diabetic Mice.](#)

Journal of agricultural and food chemistry , Volume: 69 Issue: 31 2021 Aug 11

Authors Wu T,Zhang Y,Li W,Zhao Y,Long H,Muhindo EM,Liu R,Sui W,Li Q,Zhang M

[Assessment of Lactobacillus casei rhamnosus \(LGG\) therapy in children with biliary atresia - Randomized placebo controlled trial.](#)

Clinics and research in hepatology and gastroenterology , Volume: 45 Issue: 6 2021 Nov

Authors Orłowska E,Czubkowski P,Wolochowska K,Jarzebicka D,Motyl I,Socha P

[Lactobacillus casei LC89 exerts antidiabetic effects through regulating hepatic glucagon response and gut microbiota in type 2 diabetic mice.](#)

Food & function , Volume: 12 Issue: 18 2021 Sep 20

Authors Zhang Y,Wu T,Li W,Zhao Y,Long H,Liu R,Sui W,Zhang M

[Pectin and homogalacturonan with small molecular mass modulate microbial community and generate high SCFAs via in vitro gut fermentation.](#)

Carbohydrate polymers , Volume: 269 2021 Oct 1

Authors Zhao Y,Bi J,Yi J,Wu X,Ma Y,Li R

[The construction of recombinant Lactobacillus casei expressing hemagglutinin-neuraminidase protein and its immune response in chickens.](#)

Microbial pathogenesis , Volume: 158 2021 Sep

Authors Ju A,Duan A,Zhang Y,Qin Y,Xue L,Ma X,Luan W,Yang S

[An exercise intervention alters stool microbiota and metabolites among older, sedentary adults.](#)

Therapeutic advances in infectious disease , Volume: 8 2021 Jan-Dec

Authors Erlandson KM,Liu J,Johnson R,Dillon S,Jankowski CM,Kroehl M,Robertson CE,Frank DN,Tuncil Y,Higgins J,Hamaker B,Wilson CC

[Natural capsicum extract replacing chlortetracycline enhances performance via improving digestive enzyme activities, antioxidant capacity, anti-inflammatory function, and gut health in weaned pigs.](#)

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 7 Issue: 2 2021 Jun

Authors Long S,Liu S,Wang J,Mahfuz S,Piao X

[Effect of High-Fat Diet on the Intestinal Flora in Letrozole-Induced Polycystic Ovary Syndrome Rats.](#)

Evidence-based complementary and alternative medicine : eCAM , Volume: 2021 2021

Authors Zheng YH,Xu Y,Ma HX,Liang CJ,Yang T

[Dietary Supplementation with Inulin Modulates the Gut Microbiota and Improves Insulin Sensitivity in Prediabetes.](#)

International journal of endocrinology , Volume: 2021 2021

Authors Wang X,Wang T,Zhang Q,Xu L,Xiao X

[Cranberry \(Vaccinium macrocarpon\) dietary supplementation and fecal microbiota of Wistar rats.](#)

AIMS microbiology , Volume: 7 Issue: 2 2021

Authors Chettaoui R,Mayot G,De Almeida L,Di Martino P

[Punicic acid ameliorates obesity and liver steatosis by regulating gut microbiota composition in mice.](#)

Food & function , 2021 Jul 9

Authors Yuan G,Tan M,Chen X

[The interplay between fasting, gut microbiota, and lipid profile.](#)

International journal of clinical practice , Volume: 75 Issue: 10 2021 Oct

Authors Mohammadzadeh A,Roshanravan N,Mesri Alamdari N,Safaiyan A,Mosharkesh E,Hadi A,Barati M,Ostadrahimi A

[Intestinal Microbiota Mediates High-Fructose and High-Fat Diets to Induce Chronic Intestinal Inflammation.](#)

Frontiers in cellular and infection microbiology , Volume: 11 2021

Authors Tan R,Dong H,Chen Z,Jin M,Yin J,Li H,Shi D,Shao Y,Wang H,Chen T,Yang D,Li J

Flavonoids from Whole-Grain Oat Alleviated High-Fat Diet-Induced Hyperlipidemia via Regulating Bile Acid Metabolism and Gut Microbiota in Mice.

Journal of agricultural and food chemistry , Volume: 69 Issue: 27 2021 Jul 14

Authors Duan R,Guan X,Huang K,Zhang Y,Li S,Xia J,Shen M

Effects of Fermented Milk Containing *Lactocaseibacillus paracasei* Strain Shirota on Constipation in Patients with Depression: A Randomized, Double-Blind, Placebo-Controlled Trial.

Nutrients , Volume: 13 Issue: 7 2021 Jun 29

Authors Zhang X,Chen S,Zhang M,Ren F,Ren Y,Li Y,Liu N,Zhang Y,Zhang Q,Wang R

Impact of Phlorotannin Extracts from *Fucus vesiculosus* on Human Gut Microbiota.

Marine drugs , Volume: 19 Issue: 7 2021 Jun 29

Authors Catarino MD,Marçal C,Bonifácio-Lopes T,Campos D,Mateus N,Silva AMS,Pintado MM,Cardoso SM

Perinatal High-Salt Diet Induces Gut Microbiota Dysbiosis, Bile Acid Homeostasis Disbalance, and NAFLD in Weanling Mice Offspring.

Nutrients , Volume: 13 Issue: 7 2021 Jun 22

Authors Guo Q,Tang Y,Li Y,Xu Z,Zhang D,Liu J,Wang X,Xia W,Xu S

Microbiota and Metabolite Modifications after Dietary Exclusion of Dairy Products and Reduced Consumption of Fermented Food in Young and Older Men.

Nutrients , Volume: 13 Issue: 6 2021 Jun 1

Authors Kim J,Burton-Pimentel KJ,Fleuti C,Blaser C,Scherz V,Badertscher R,Marmonier C,Lyon-Belgy N,Caille A,Pidou V,Blot A,Bertelli C,David J,Bütikofer U,Greub G,Dardevet D,Polakof S,Vergères G

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

Investigation of Immunomodulatory and Gut Microbiota-Altering Properties of Multicomponent Nutraceutical Prepared from Lactic Acid Bacteria, Bovine Colostrum, Apple Production By-Products and Essential Oils.

Foods (Basel, Switzerland) , Volume: 10 Issue: 6 2021 Jun 7

Authors Grigas J,Ruzauskas M,Pautienius A,Bartkiene E,Lele V,Starkute V,Zavistanaviciute P,Zokaityte E,Bernatoniene J,Ivanauskas L,Jakstas V,Stankevicius A

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

Green banana flour supplementation improves obesity-associated systemic inflammation and regulates gut microbiota profile in mice fed high-fat diets.

Applied physiology, nutrition, and metabolism = Physiologie appliquee, nutrition et metabolisme , Volume: 46 Issue: 12 2021 Dec

Authors Rosado CP,Rosa VHC,Martins BC,Soares AC,Almo A,Monteiro EB,Mulder ADRP,Moura-Nunes N,Daleprane JB

Dietary turmeric (*Curcuma longa* L.) supplementation improves growth performance, short-chain fatty acid production, and modulates bacterial composition of weaned piglets.

Journal of animal science and technology , Volume: 63 Issue: 3 2021 May

Authors Recharla N,Balasubramanian B,Song M,Puligundla P,Kim SK,Jeong JY,Park S

Curcumin modulates gut microbiota and improves renal function in rats with uric acid nephropathy.

Renal failure , Volume: 43 Issue: 1 2021 Dec

Authors Xu X,Wang H,Guo D,Man X,Liu J,Li J,Luo C,Zhang M,Zhen L,Liu X

Millet shell polyphenols prevent atherosclerosis by protecting the gut barrier and remodeling the gut microbiota in ApoE^{-/-} mice.

Food & function , 2021 Jun 25

Authors Liu F,Shan S,Li H,Shi J,Hao R,Yang R,Li Z

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

Lactic acid production ability of *Lactobacillus* sp. from four tropical fruits using their by-products as carbon source.

Heliyon , Volume: 7 Issue: 5 2021 May

Authors Ngouénam JR,Momo Kenfack CH,Foko Kouam EM,Kaktcham PM,Maharjan R,Ngoufack FZ

Gut Microbial SNPs Induced by High-Fiber Diet Dominate Nutrition Metabolism and Environmental Adaption of *Faecalibacterium prausnitzii* in Obese Children.

Frontiers in microbiology , Volume: 12 2021

Authors Li H,Zhao L,Zhang M

Dietary resveratrol attenuation of intestinal inflammation and oxidative damage is linked to the alteration of gut microbiota and butyrate in piglets challenged with deoxynivalenol.

Journal of animal science and biotechnology , Volume: 12 Issue: 1 2021 Jun 16

Authors Qiu Y,Yang J,Wang L,Yang X,Gao K,Zhu C,Jiang Z

Effect of Dietary Inulin Supplementation on the Gut Microbiota Composition and Derived Metabolites of Individuals Undergoing Hemodialysis: A Pilot Study.

Journal of renal nutrition : the official journal of the Council on Renal Nutrition of the National Kidney Foundation , 2021 Jun 11

Authors Biruete A,Cross TL,Allen JM,Kistler BM,de Loor H,Evenepoel P,Fahey GC Jr,Bauer L,Swanson KS,Wilund KR

Spore-forming *Bacillus coagulans* SNZ 1969 improved intestinal motility and constipation perception mediated by microbial alterations in healthy adults with mild intermittent constipation: A randomized controlled trial.

Food research international (Ottawa, Ont.) , Volume: 146 2021 Aug

Authors Kang S,Park MY,Brooks I,Lee J,Kim SH,Kim JY,Oh B,Kim JW,Kwon O

Lactobacillus paracasei modulates the gut microbiota and improves inflammation in type 2 diabetic rats.

Food & function , 2021 Jun 11

Authors Zeng Z,Guo X,Zhang J,Yuan Q,Chen S

Resveratrol and its derivative pterostilbene ameliorate intestine injury in intrauterine growth-retarded weanling piglets by modulating redox status and gut microbiota.

Journal of animal science and biotechnology , Volume: 12 Issue: 1 2021 Jun 10

Authors Chen Y,Zhang H,Chen Y,Jia P,Ji S,Zhang Y,Wang T

Allobaculum Involves in the Modulation of Intestinal ANGPTL4 Expression in Mice Treated by High-Fat Diet.

Frontiers in nutrition , Volume: 8 2021

Authors Zheng Z,Lyu W,Ren Y,Li X,Zhao S,Yang H,Xiao Y

Oral administration of camellia oil ameliorates obesity and modifies the gut microbiota composition in mice fed a high-fat diet.

FEMS microbiology letters , Volume: 368 Issue: 10 2021 Jun 11

Authors Huang T,Zhou W,Ma X,Jiang J,Zhang F,Zhou W,He H,Cui G

Modulatory Effects of *Bacillus subtilis* on the Performance, Morphology, Cecal Microbiota and Gut Barrier Function of Laying Hens.

Animals : an open access journal from MDPI , Volume: 11 Issue: 6 2021 May 24

Authors Zhang G,Wang H,Zhang J,Tang X,Raheem A,Wang M,Lin W,Liang L,Qi Y,Zhu Y,Jia Y,Cui S,Qin T

Effect of BioPlus YC Probiotic Supplementation on Gut Microbiota, Production Performance, Carcass and Meat Quality of Pigs.

Animals : an open access journal from MDPI , Volume: 11 Issue: 6 2021 May 28

Authors Rybarczyk A,Boğusławska-Was E,Dłubala A

The Efficacy of Short-Term Weight Loss Programs and Consumption of Natural Probiotic Bryndza Cheese on Gut Microbiota Composition in Women.

Nutrients , Volume: 13 Issue: 6 2021 May 21

Authors Hric I,Ugrayová S,Penesová A,Rádková Ž,Kubánová L,Šardžíková S,Baranovicová E,Klucár L,Beke G,Grendar M,Kolisek M,Šoltys K,Bielik V

Saccharomyces cerevisiae boulardii CNCM I-1079 supplementation in finishing male pigs helps to cope with heat stress through feeding behaviour and gut microbiota modulation.

The British journal of nutrition , Volume: 127 Issue: 3 2022 Feb 14

Authors Labussière E,Achard C,Dubois S,Combes S,Castex M,Renaudeau D

Beneficial gut microbiome remodeled during intermittent fasting in humans.

Rejuvenation research , 2021 May 27

Authors Larrick JW,Mendelsohn AR,Larrick J

Probiotic-fermented black tartary buckwheat alleviates hyperlipidemia and gut microbiota dysbiosis in rats fed with a high-fat diet.

Food & function , Volume: 12 Issue: 13 2021 Jul 5

Authors Ren Y,Wu S,Xia Y,Huang J,Ye J,Xuan Z,Li P,Du B

The influence of exercise training volume alterations on the gut microbiome in highly-trained middle-distance runners.

European journal of sport science , 2021 May 26

Authors Craven J,Cox AJ,Bellinger P,Desbrow B,Irwin C,Buchan J,McCartney D,Sabapathy S

[Intensive, prolonged exercise seemingly causes gut dysbiosis in female endurance runners.](#)

Journal of clinical biochemistry and nutrition , Volume: 68 Issue: 3 2021 May

Authors Morishima S,Aoi W,Kawamura A,Kawase T,Takagi T,Naito Y,Tsukahara T,Inoue R

[Curcumin alleviates high-fat diet-induced hepatic steatosis and obesity in association with modulation of gut microbiota in mice.](#)

Food research international (Ottawa, Ont.) , Volume: 143 2021 May

Authors Li S,You J,Wang Z,Liu Y,Wang B,Du M,Zou T

[A multi-omics approach for understanding the effects of moderate wine consumption on human intestinal health.](#)

Food & function , Volume: 12 Issue: 9 2021 May 11

Authors Belda I,Cueva C,Tamargo A,Ravarani CN,Acedo A,Bartolomé B,Moreno-Arribas MV

[Effects of Bacillus Coagulans on growth performance, antioxidant capacity, immunity function, and gut health in broilers.](#)

Poultry science , Volume: 100 Issue: 6 2021 Mar 27

Authors Zhang B,Zhang H,Yu Y,Zhang R,Wu Y,Yue M,Yang C

[Vitamin D ameliorates high-fat-diet-induced hepatic injury via inhibiting pyroptosis and alters gut microbiota in rats.](#)

Archives of biochemistry and biophysics , Volume: 705 2021 Jul 15

Authors Zhang X,Shang X,Jin S,Ma Z,Wang H,Ao N,Yang J,Du J

[Effect of Fermented Products Produced by Bacillus licheniformis on the Growth Performance and Cecal Microbial Community of Broilers under Coccidial Challenge.](#)

Animals : an open access journal from MDPI , Volume: 11 Issue: 5 2021 Apr 26

Authors Cheng YH,Hong YB,Chen WJ,Hua KF,Dybus A,Yu YH

[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-Diaz J,Bernal MJ,Schutte S,Chenoll E,Genovés S,Codoñer FM,Gil A,Sanchez-Siles LM

[Preventive Effects of Bacillus licheniformis on Heat Stroke in Rats by Sustaining Intestinal Barrier Function and Modulating Gut Microbiota.](#)

Frontiers in microbiology , Volume: 12 2021

Authors Li L,Wang M,Chen J,Xu Z,Wang S,Xia X,Liu D,Wang S,Xie C,Wu J,Li J,Zhang J,Wang M,Zhu J,Ling C,Xu S

[Modulation of the fecal microbiome and metabolome by resistant dextrin ameliorates hepatic steatosis and mitochondrial abnormalities in mice.](#)

Food & function , 2021 Apr 22

Authors Zhang Z,Chen X,Cui B

[Acidic pH enhances butyrate production from pectin by faecal microbiota.](#)

FEMS microbiology letters , Volume: 368 Issue: 7 2021 May 4

Authors Raba G,Adamberg S,Adamberg K

[Cholecalciferol Supplementation Does Not Prevent the Development of Metabolic Syndrome or Enhance the Beneficial Effects of Omega-3 Fatty Acids in Obese Mice.](#)

The Journal of nutrition , 2021 Apr 13

Authors Valle M,Mitchell PL,Pilon G,St-Pierre P,Varin T,Richard D,Vohl MC,Jacques H,Delvin E,Levy E,Gagnon C,Bazinet L,Marette A

[Remodeling of the gut microbiome during Ramadan-associated intermittent fasting.](#)

The American journal of clinical nutrition , Volume: 113 Issue: 5 2021 May 8

Authors Su J,Wang Y,Zhang X,Ma M,Xie Z,Pan Q,Ma Z,Peppelenbosch MP

[Value added immunoregulatory polysaccharides of Hericium erinaceus and their effect on the gut microbiota.](#)

Carbohydrate polymers , Volume: 262 2021 Jun 15

Authors Yang Y,Ye H,Zhao C,Ren L,Wang C,Georgiev MI,Xiao J,Zhang T

[Saccharomyces boulardii ameliorates gut dysbiosis associated cognitive decline.](#)

Physiology & behavior , Volume: 236 2021 Jul 1

Authors Roy Sarkar S,Mitra Mazumder P,Chatterjee K,Sarkar A,Adhikary M,Mukhopadhyay K,Banerjee S

[Effect of Supplementing Seaweed Extracts to Pigs until d35 Post-Weaning on Performance and Aspects of Intestinal Health.](#)

Marine drugs , Volume: 19 Issue: 4 2021 Mar 26

Authors Vigors S,O`Doherty J,Rattigan R,Sweeney T

[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

[Cloudy Apple Juice Fermented by Lactobacillus Prevents Obesity via Modulating Gut Microbiota and Protecting Intestinal](#)

Tract Health.**Nutrients** , Volume: 13 Issue: 3 2021 Mar 17

Authors Han M,Zhang M,Wang X,Bai X,Yue T,Gao 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

Bifidobacterium adolescentis Isolated from Different Hosts Modifies the Intestinal Microbiota and Displays Differential Metabolic and Immunomodulatory Properties in Mice Fed a High-Fat Diet.**Nutrients** , Volume: 13 Issue: 3 2021 Mar 21

Authors Wang B,Kong Q,Cui S,Li X,Gu Z,Zhao J,Zhang H,Chen W,Wang G

Influence of Short-Term Consumption of Hericium erinaceus on Serum Biochemical Markers and the Changes of the Gut Microbiota: A Pilot Study.**Nutrients** , Volume: 13 Issue: 3 2021 Mar 21

Authors Xie XQ,Geng Y,Guan Q,Ren Y,Guo L,Lv Q,Lu ZM,Shi JS,Xu ZH

Influence of Short-Term Consumption of Hericium erinaceus on Serum Biochemical Markers and the Changes of the Gut Microbiota: A Pilot Study.**Nutrients** , Volume: 13 Issue: 3 2021 Mar 21

Authors Xie XQ,Geng Y,Guan Q,Ren Y,Guo L,Lv Q,Lu ZM,Shi JS,Xu ZH

Ingestion of High β -Glucan Barley Flour Enhances the Intestinal Immune System of Diet-Induced Obese Mice by Prebiotic Effects.**Nutrients** , Volume: 13 Issue: 3 2021 Mar 11

Authors Mio K,Otake N,Nakashima S,Matsuoka T,Aoe S

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

Limosilactobacillus reuteri and Lactocaseibacillus rhamnosus GG differentially affect gut microbes and metabolites in mice with Treg-deficiency.**American journal of physiology. Gastrointestinal and liver physiology** , 2021 Mar 31

Authors Liu Y,Hoang TK,Taylor CM,Park ES,Freeborn J,Luo M,Roos S,Rhoads JM

Fasting alters the gut microbiome reducing blood pressure and body weight in metabolic syndrome patients.**Nature communications** , Volume: 12 Issue: 1 2021 Mar 30

Authors Maifeld A,Bartolomaeus H,Löber U,Avery EG,Steckhan N,Markó L,Wilck N,Hamad I,Šušnjar U,Mähler A,Hohmann C,Chen CY,Cramer H,Dobos G,Lesker TR,Strowig T,Dechend R,Bzdok D,Kleinewietfeld M,Michalsen A,Müller DN,Forslund SK

Ancient grains as novel dietary carbohydrate sources in canine diets.**Journal of animal science** , Volume: 99 Issue: 6 2021 Jun 1

Authors Traughber ZT,He F,Hoke JM,Davenport GM,Rodríguez-Zas SL,Southey BR,de Godoy MRC

Mulberry leaf phenolics and fiber exert anti-obesity through the gut microbiota-host metabolism pathway.**Journal of food science** , Volume: 86 Issue: 4 2021 Apr

Authors Liao S,Long X,Zou Y,Liu F,Li Q

High-Fiber, Whole-Food Dietary Intervention Alters the Human Gut Microbiome but Not Fecal Short-Chain Fatty Acids.**mSystems** , Volume: 6 Issue: 2 2021 Mar 16

Authors Oliver A,Chase AB,Weihe C,Orchanian SB,Riedel SF,Hendrickson CL,Lay M,Sewall JM,Martiny JBH,Whiteson K

Beverages containing Lactobacillus paracasei LC-37 improved functional dyspepsia through regulation of the intestinal microbiota and their metabolites.**Journal of dairy science** , 2021 Mar 10

Authors Sun E,Zhang X,Zhao Y,Li J,Sun J,Mu Z,Wang R

Potato resistant starch inhibits diet-induced obesity by modifying the composition of intestinal microbiota and their metabolites in obese mice.**International journal of biological macromolecules** , Volume: 180 2021 Mar 9

Authors Liang D,Zhang L,Chen H,Zhang H,Hu H,Dai X

Effect of Blueberry Anthocyanin-Rich Extracts on Peripheral and Hippocampal Antioxidant Defensiveness: The Analysis of the Serum Fatty Acid Species and Gut Microbiota Profile.**Journal of agricultural and food chemistry** , Volume: 69 Issue: 12 2021 Mar 31

Authors Si X,Bi J,Chen Q,Cui H,Bao Y,Tian J,Shu C,Wang Y,Tan H,Zhang W,Chen Y,Li B

Lactobacillus paracasei DTA81, a cholesterol-lowering strain having immunomodulatory activity, reveals gut microbiota

regulation capability in BALB/c mice receiving high-fat diet.

Journal of applied microbiology , Volume: 131 Issue: 4 2021 Oct

Authors Tarrah A,Dos Santos Cruz BC,Sousa Dias R,da Silva Duarte V,Pakroo S,Licursi de Oliveira L,Gouveia Peluzio MC,Corich V,Giacomini A,Oliveira de Paula S

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

Ramadan Fasting Leads to Shifts in Human Gut Microbiota Structured by Dietary Composition.

Frontiers in microbiology , Volume: 12 2021

Authors Ali I,Liu K,Long D,Faisal S,Hilal MG,Ali I,Huang X,Long R

Lactobacillus plantarum and Bifidobacterium bifidum alleviate dry eye in mice with exorbital lacrimal gland excision by modulating gut inflammation and microbiota.

Food & function , Volume: 12 Issue: 6 2021 Mar 21

Authors Yun SW,Son YH,Lee DY,Shin YJ,Han MJ,Kim DH

Probiotic Bacillus subtilis 29,784 improved weight gain and enhanced gut health status of broilers under necrotic enteritis condition.

Poultry science , Volume: 100 Issue: 4 2021 Apr

Authors Keerqin C,Rhayat L,Zhang ZH,Gharib-Naseri K,Kheravii SK,Devillard E,Crowley TM,Wu SB

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 colon-targeted vitamins on the composition and metabolic activity of the human gut microbiome- a pilot study.

Gut microbes , Volume: 13 Issue: 1 2021 Jan-Dec

Authors Pham VT,Fehlbaum S,Seifert N,Richard N,Bruins MJ,Sybesma W,Rehman A,Steinert RE

Long-term and continuous administration of Bacillus subtilis during remission effectively maintains the remission of inflammatory bowel disease by protecting intestinal integrity, regulating epithelial proliferation, and reshaping microbial structure and function.

Food & function , Volume: 12 Issue: 5 2021 Mar 15

Authors Liu Y,Yin F,Huang L,Teng H,Shen T,Qin H

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

Multiple Classes of Antimicrobial Peptides in Amaranthus tricolor Revealed by Prediction, Proteomics, and Mass Spectrometric Characterization.

Journal of natural products , Volume: 84 Issue: 2 2021 Feb 26

Authors Moyer TB,Allen JL,Shaw LN,Hicks LM

The effect of acute moderate-intensity exercise on the serum and fecal metabolomes and the gut microbiota of cross-country endurance athletes.

Scientific reports , Volume: 11 Issue: 1 2021 Feb 11

Authors Tabone M,Bressa C,García-Merino JA,Moreno-Pérez D,Van EC,Castelli FA,Fenaille F,Larrosa M

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

Dietary Supplementation With Bacillus subtilis Promotes Growth and Gut Health of Weaned Piglets.

Frontiers in veterinary science , Volume: 7 2020

Authors Tian Z,Wang X,Duan Y,Zhao Y,Zhang W,Azad MAK,Wang Z,Blachier F,Kong X

Prevention and Alleviation of Dextran Sulfate Sodium Salt-Induced Inflammatory Bowel Disease in Mice With Bacillus subtilis-Fermented Milk via Inhibition of the Inflammatory Responses and Regulation of the Intestinal Flora.

Frontiers in microbiology , Volume: 11 2020

Authors Zhang X,Tong Y,Lyu X,Wang J,Wang Y,Yang R

Bacillus subtilis-fermented products ameliorate the growth performance and alter cecal microbiota community in broilers under lipopolysaccharide challenge.

Poultry science , Volume: 100 Issue: 2 2021 Feb

Authors Chen JY,Yu YH

Differential analysis of gut microbiota and the effect of dietary Enterococcus faecium supplementation in broiler breeders

with high or low laying performance.

Poultry science , Volume: 100 Issue: 2 2021 Feb

Authors Wang J,Wan C,Shuju Z,Yang Z,Celi P,Ding X,Bai S,Zeng Q,Mao X,Xu S,Zhang K,Li M

Effects of novel probiotic strains of *Bacillus pumilus* and *Bacillus subtilis* on production, gut health, and immunity of broiler chickens raised under suboptimal conditions.

Poultry science , Volume: 100 Issue: 3 2021 Mar

Authors Bilal M,Si W,Barbe F,Chevaux E,Sienkiewicz O,Zhao X

Bifidobacterium pseudocatenulatum Ameliorates DSS-Induced Colitis by Maintaining Intestinal Mechanical Barrier, Blocking Proinflammatory Cytokines, Inhibiting TLR4/NF- κ B Signaling, and Altering Gut Microbiota.

Journal of agricultural and food chemistry , Volume: 69 Issue: 5 2021 Feb 10

Authors Chen Y,Yang B,Stanton C,Ross RP,Zhao J,Zhang H,Chen W

Effect of probiotic *Lactobacillus plantarum* Dad-13 powder consumption on the gut microbiota and intestinal health of overweight adults.

World journal of gastroenterology , Volume: 27 Issue: 1 2021 Jan 7

Authors Rahayu ES,Mariyatun M,Putri Manurung NE,Hasan PN,Therdatha P,Mishima R,Komalasari H,Mahfuzah NA,Pamungkaningtyas FH,Yoga WK,Nurfiana DA,Liwan SY,Juffrie M,Nugroho AE,Utami T

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

Associations between gut microbiota and thyroidal function status in Chinese patients with Graves' disease.

Journal of endocrinological investigation , Volume: 44 Issue: 9 2021 Sep

Authors Chen J,Wang W,Guo Z,Huang S,Lei H,Zang P,Lu B,Shao J,Gu P

Effect of dietary inclusion of dried apple pomace on faecal butyrate concentration and modulation of gut microbiota in dogs.

Archives of animal nutrition , Volume: 75 Issue: 1 2021 Feb

Authors de Brito CBM,Menezes Souza CM,Bastos TS,Mesa D,Oliveira SG,Félix AP

A pilot study on the relationship between *Lactobacillus*, *Bifidobacterium* counts and inflammatory factors following exercise training.

Archives of physiology and biochemistry , Volume: 129 Issue: 3 2023 Jun

Authors Mahdih MS,Maryam J,Bita B,Neda F,Motahare M,Mahboobeh B,LeBris S Q,Kalani Behrooz S

California strawberry consumption increased the abundance of gut microorganisms related to lean body weight, health and longevity in healthy subjects.

Nutrition research (New York, N.Y.) , Volume: 85 2021 Jan

Authors Ezzat-Zadeh Z,Henning SM,Yang J,Woo SL,Lee RP,Huang J,Thames G,Gilbuena I,Tseng CH,Heber D,Li Z

Inulin ameliorates schizophrenia via modulation of the gut microbiota and anti-inflammation in mice.

Food & function , Volume: 12 Issue: 3 2021 Feb 15

Authors Guo L,Xiao P,Zhang X,Yang Y,Yang M,Wang T,Lu H,Tian H,Wang H,Liu J

Dietary Inulin Supplementation Modulates Short-Chain Fatty Acid Levels and Cecum Microbiota Composition and Function in Chickens Infected With *Salmonella*.

Frontiers in microbiology , Volume: 11 2020

Authors Song J,Li Q,Everaert N,Liu R,Zheng M,Zhao G,Wen J

Blueberry and cranberry anthocyanin extracts reduce bodyweight and modulate gut microbiota in C57BL/6J mice fed with a high-fat diet.

European journal of nutrition , 2021 Jan 3

Authors Liu J,Hao W,He Z,Kwek E,Zhu H,Ma N,Ma KY,Chen ZY

Inulin Exerts Beneficial Effects on Non-Alcoholic Fatty Liver Disease via Modulating gut Microbiome and Suppressing the Lipopolysaccharide-Toll-Like Receptor 4-M ϕ -Nuclear Factor- κ B-Nod-Like Receptor Protein 3 Pathway via gut-Liver Axis in Mice.

Frontiers in pharmacology , Volume: 11 2020

Authors Bao T,He F,Zhang X,Zhu L,Wang Z,Lu H,Wang T,Li Y,Yang S,Wang H

Graded dietary resistant starch concentrations on apparent total tract macronutrient digestibility and fecal fermentative end products and microbial populations of healthy adult dogs.

Journal of animal science , Volume: 99 Issue: 1 2021 Jan 1

Authors Beloshapka AN,Cross TL,Swanson KS

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

Exopolysaccharides from Lactobacillus plantarum YW11 improve immune response and ameliorate inflammatory bowel disease symptoms.**Acta biochimica Polonica** , Volume: 67 Issue: 4 2020 Dec 17

Authors Min Z,Xiaona H,Aziz T,Jian Z,Zhennai Y

The potential role of vitamin D supplementation as a gut microbiota modifier in healthy individuals.**Scientific reports** , Volume: 10 Issue: 1 2020 Dec 10

Authors Singh P,Rawat A,Alwakeel M,Sharif E,Al Khodor S

Cow, Goat, and Mare Milk Diets Differentially Modulated the Immune System and Gut Microbiota of Mice Colonized by Healthy Infant Feces.**Journal of agricultural and food chemistry** , Volume: 68 Issue: 51 2020 Dec 23

Authors Li N,Xie Q,Chen Q,Evivie SE,Liu D,Dong J,Huo G,Li B

Bacillus amyloliquefaciens TL106 protects mice against enterohaemorrhagic Escherichia coli O157:H7-induced intestinal disease through improving immune response, intestinal barrier function and gut microbiota.**Journal of applied microbiology** , Volume: 131 Issue: 1 2021 Jul

Authors Bao CL,Liu SZ,Shang ZD,Liu YJ,Wang J,Zhang WX,Dong B,Cao YH

Lycium barbarum polysaccharide attenuates myocardial injury in high-fat diet-fed mice through manipulating the gut microbiome and fecal metabolome.**Food research international (Ottawa, Ont.)** , Volume: 138 Issue: Pt B 2020 Dec

Authors Zhang Z,Liu H,Yu B,Tao H,Li J,Wu Z,Liu G,Yuan C,Guo L,Cui B

Adjunctive treatment with probiotics partially alleviates symptoms and reduces inflammation in patients with irritable bowel syndrome.**European journal of nutrition** , 2020 Nov 22

Authors Xu H,Ma C,Zhao F,Chen P,Liu Y,Sun Z,Cui L,Kwok LY,Zhang H

Sulfated polysaccharides from Undaria pinnatifida improved high fat diet-induced metabolic syndrome, gut microbiota dysbiosis and inflammation in BALB/c mice.**International journal of biological macromolecules** , Volume: 167 2021 Jan 15

Authors Jiang P,Zheng W,Sun X,Jiang G,Wu S,Xu Y,Song S,Ai C

Resistant starch intake alleviates collagen-induced arthritis in mice by modulating gut microbiota and promoting concomitant propionate production.**Journal of autoimmunity** , Volume: 116 2021 Jan

Authors Bai Y,Li Y,Marion T,Tong Y,Zaiss MM,Tang Z,Zhang Q,Liu Y,Luo Y

Alcohol decreases intestinal ratio of Lactobacillus to Enterobacteriaceae and induces hepatic immune tolerance in a murine model of DSS-colitis.**Gut microbes** , Volume: 12 Issue: 1 2020 Nov 9

Authors Kuprys PV,Cannon AR,Shieh J,Iftekhhar N,Park SK,Eberhardt JM,Ding X,Choudhry MA

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

Daily intake of probiotic strain Bacillus subtilis DE111 supports a healthy microbiome in children attending day-care.**Beneficial microbes** , Volume: 11 Issue: 7 2020 Nov 15

Authors Paytuvi-Gallart A,Sanseverino W,Winger AM

Effects of manganese and Bacillus subtilis on the reproductive performance, egg quality, antioxidant capacity, and gut microbiota of breeding geese during laying period.**Poultry science** , Volume: 99 Issue: 11 2020 Nov

Authors Wang Y,Wang H,Wang B,Zhang B,Li W

1-Deoxynojirimycin from mulberry leaves changes gut digestion and microbiota composition in geese.**Poultry science** , Volume: 99 Issue: 11 2020 Nov

Authors Hou Q,Qian Z,Wu P,Shen M,Li L,Zhao W

Anti-inflammatory Bifidobacterium strains prevent dextran sodium sulfate induced colitis and associated gut microbial dysbiosis in mice.**Scientific reports** , Volume: 10 Issue: 1 2020 Oct 29

Authors Singh S,Bhatia R,Khare P,Sharma S,Rajarammohan S,Bishnoi M,Bhadada SK,Sharma SS,Kaur J,Kondepudi KK

Inulin supplementation ameliorates hyperuricemia and modulates gut microbiota in Uox-knockout mice.**European journal of nutrition** , Volume: 60 Issue: 4 2021 Jun

Authors Guo Y,Yu Y,Li H,Ding X,Li X,Jing X,Chen J,Liu G,Lin Y,Jiang C,Liu Z,He Y,Li C,Tian Z

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

Distinct Effects of Milks From Various Animal Types on Infant Fecal Microbiota Through in vitro Fermentations.**Frontiers in microbiology** , Volume: 11 2020

Authors Li N,Li B,Guan J,Shi J,Evivie SE,Zhao L,Huo G,Wang S

Oat bran and wheat bran impact net energy by shaping microbial communities and fermentation products in pigs fed diets with or without xylanase.**Journal of animal science and biotechnology** , Volume: 11 2020

Authors Lyu Z,Wang L,Wang J,Wang Z,Zhang S,Wang J,Cheng J,Lai C

Dietary Epigallocatechin-3-Gallate Alters the Gut Microbiota of Obese Diabetic db/db Mice: Lactobacillus Is a Putative Target.**Journal of medicinal food** , Volume: 23 Issue: 10 2020 Oct

Authors Park JM,Shin Y,Kim SH,Jin M,Choi JJ

Bacillus subtilis and Enterococcus faecium co-fermented feed regulates lactating sow's performance, immune status and gut microbiota.**Microbial biotechnology** , Volume: 14 Issue: 2 2021 Mar

Authors Wang C,Wei S,Xu B,Hao L,Su W,Jin M,Wang Y

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

Dietary supplementation of Bacillus subtilis PB6 improves sow reproductive performance and reduces piglet birth intervals.**Animal nutrition (Zhongguo xu mu shou yi xue hui)** , Volume: 6 Issue: 3 2020 Sep

Authors Zhang Q,Li J,Cao M,Li Y,Zhuo Y,Fang Z,Che L,Xu S,Feng B,Lin Y,Jiang X,Zhao X,Wu D

A high-fat diet and high-fat and high-cholesterol diet may affect glucose and lipid metabolism differentially through gut microbiota in mice.**Experimental animals** , 2020 Oct 1

Authors Liang H,Jiang F,Cheng R,Luo Y,Wang J,Luo Z,Li M,Shen X,He F

Bifidobacterium bifidum TMC3115 ameliorates milk protein allergy in by affecting gut microbiota: A randomized double-blind control trial.**Journal of food biochemistry** , Volume: 44 Issue: 11 2020 Nov

Authors Jing W,Liu Q,Wang W

Relationship between gut environment, feces-to-food ratio, and androgen deficiency-induced metabolic disorders.**Gut microbes** , Volume: 12 Issue: 1 2020 Nov 9

Authors Harada N,Minami Y,Hanada K,Hanaoka R,Kobayashi Y,Izawa T,Sato T,Kato S,Inui H,Yamaji R

Rhubarb Supplementation Prevents Diet-Induced Obesity and Diabetes in Association with Increased Akkermansia muciniphila in Mice.**Nutrients** , Volume: 12 Issue: 10 2020 Sep 24

Authors Régnier M,Rastelli M,Morissette A,Suriano F,Le Roy T,Pilon G,Delzenne NM,Marette A, Van Hul M,Cani PD

The Influence of Essential Oils on Gut Microbial Profiles in Pigs.**Animals : an open access journal from MDPI** , Volume: 10 Issue: 10 2020 Sep 24

Authors Ruzauskas M,Bartkiene E,Stankevicius A,Bernatoniene J,Zadeike D,Lele V,Starkute V,Zavistanaviciute P,Grigas J,Zokaityte E,Pautienius A,Juodeikiene G,Jakstas V

Feasibility and effects on the gut microbiota of a 12-week high-intensity interval training plus lifestyle education intervention on inactive adults with celiac disease.**Applied physiology, nutrition, and metabolism = Physiologie appliquee, nutrition et metabolisme** , Volume: 46 Issue: 4 2021 Apr

Authors Warbeck C,Dowd AJ,Kronlund L,Parmer C,Daun JT,Wytsma-Fisher K,Millet GY,Schick A,Reimer RA,Fung T,Culos-Reed SN

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

Effects of Brazilian green propolis extract on planktonic cells and biofilms of multidrug-resistant strains of Klebsiella pneumoniae and Pseudomonas aeruginosa.**Biofouling** , Volume: 36 Issue: 7 2020 Aug

Authors Santos PBDRED,Ávila DDS,Ramos LP,Yu AR,Santos CEDR,Berretta AA,Camargo SEA,Oliveira JR,Oliveira LD

A diet-induced gut microbiota component and related plasma metabolites are associated with depressive-like behaviour in rats.

European neuropsychopharmacology : the journal of the European College of Neuropsychopharmacology ,
Volume: 43 2021 Feb

Authors Abildgaard A,Kern T,Pedersen O,Hansen T,Lund S,Wegener G

Modifications of Gut Microbiota after Grape Pomace Supplementation in Subjects at Cardiometabolic Risk: A Randomized Cross-Over Controlled Clinical Trial.

Foods (Basel, Switzerland) , Volume: 9 Issue: 9 2020 Sep 11

Authors Ramos-Romero S,Martínez-Maqueada D,Hereu M,Amézqueta S,Torres JL,Pérez-Jiménez J

Modulation of Gut Microbiota Profile and Short-Chain Fatty Acids of Rats Fed with Taro Flour or Taro Starch.

International journal of microbiology , Volume: 2020 2020

Authors Surono IS,Venema K

Lactobacillus johnsonii BS15 Prevents Psychological Stress-Induced Memory Dysfunction in Mice by Modulating the Gut-Brain Axis.

Frontiers in microbiology , Volume: 11 2020

Authors Wang H,Sun Y,Xin J,Zhang T,Sun N,Ni X,Zeng D,Bai Y

Effect of Alliaceae Extract Supplementation on Performance and Intestinal Microbiota of Growing-Finishing Pig.

Animals : an open access journal from MDPI , Volume: 10 Issue: 9 2020 Sep 2

Authors Sánchez CJ,Martínez-Miró S,Ariza JJ,Madrid J,Orengo J,Aguinaga MA,Baños A,Hernández F

Increased Faecalibacterium abundance is associated with clinical improvement in patients receiving rifaximin treatment.

Beneficial microbes , Volume: 11 Issue: 6 2020 Oct 12

Authors Ponziani FR,Scaldaferri F,De Siena M,Mangiola F,Matteo MV,Pecere S,Petito V,Sterbini FP,Lopetuso LR,Masucci L,Cammarota G,Sanguinetti M,Gasbarrini A

What we already know about rhubarb: a comprehensive review.

Chinese medicine , Volume: 15 2020

Authors Xiang H,Zuo J,Guo F,Dong D

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

Contributions of Lactobacillus plantarum PC170 administration on the recovery of gut microbiota after short-term ceftriaxone exposure in mice.

Beneficial microbes , Volume: 11 Issue: 5 2020 Sep 1

Authors Cheng R,Liang H,Zhang Y,Guo J,Miao Z,Shen X,Chen G,Cheng G,Li M,He F

Reciprocal Interactions between Epigallocatechin-3-gallate (EGCG) and Human Gut Microbiota In Vitro.

Journal of agricultural and food chemistry , Volume: 68 Issue: 36 2020 Sep 9

Authors Liu Z,de Bruijn WJC,Bruins ME,Vincken JP

Impacts of Habitual Diets Intake on Gut Microbial Counts in Healthy Japanese Adults.

Nutrients , Volume: 12 Issue: 8 2020 Aug 12

Authors Sugimoto T,Shima T,Amamoto R,Kaga C,Kado Y,Watanabe O,Shiinoki J,Iwazaki K,Shigemura H,Tsuji H,Matsumoto S

Lactobacillus plantarum PS128 Improves Physiological Adaptation and Performance in Triathletes through Gut Microbiota Modulation.

Nutrients , Volume: 12 Issue: 8 2020 Aug 1

Authors Huang WC,Pan CH,Wei CC,Huang HY

Relationship between the Quality of Colostrum and the Formation of Microflora in the Digestive Tract of Calves.

Animals : an open access journal from MDPI , Volume: 10 Issue: 8 2020 Jul 29

Authors Puppel K,Golebiewski M,Konopka K,Kunowska-Słószar M,Słószar J,Grodzowski G,Przysucha T,Balcerak M,Madras-Majewska B,Sakowski T

High Salt Elicits Brain Inflammation and Cognitive Dysfunction, Accompanied by Alterations in the Gut Microbiota and Decreased SCFA Production.

Journal of Alzheimer`s disease : JAD , 2020 Jul 25

Authors Hu L,Zhu S,Peng X,Li K,Peng W,Zhong Y,Kang C,Cao X,Liu Z,Zhao B

Regulation of tartary buckwheat-resistant starch on intestinal microflora in mice fed with high-fat diet.

Food science & nutrition , Volume: 8 Issue: 7 2020 Jul

Authors Zhou Y,Wei Y,Yan B,Zhao S,Zhou X

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

Curcumin, a Natural Antimicrobial Agent with Strain-Specific Activity.

Pharmaceuticals (Basel, Switzerland) , Volume: 13 Issue: 7 2020 Jul 16

Authors Adamczak A,Ozarowski M,Karpinski TM

Long-term Consumption of 2-O- β -D-Glucopyranosyl-L-ascorbic Acid from the Fruits of *Lycium barbarum* Modulates Gut Microbiota in C57BL/6 Mice.

Journal of agricultural and food chemistry , 2020 Jul 24

Authors Dong W,Huang K,Yan Y,Wan P,Peng Y,Zeng X,Cao Y

Enterococcus faecium Modulates the Gut Microbiota of Broilers and Enhances Phosphorus Absorption and Utilization.

Animals : an open access journal from MDPI , Volume: 10 Issue: 7 2020 Jul 20

Authors Wang W,Cai H,Zhang A,Chen Z,Chang W,Liu G,Deng X,Bryden WL,Zheng A

Early supplementation of *Saccharomyces cerevisiae* boulardii CNCM I-1079 in newborn dairy calves increases IgA production in the intestine at 1 week of age.

Journal of dairy science , Volume: 103 Issue: 9 2020 Sep

Authors Villot C,Chen Y,Pedgerachny K,Chaucheyras-Durand F,Chevaux E,Skidmore A,Guan LL,Steele MA

Effects of banana powder (*Musa acuminata* Colla) on the composition of human fecal microbiota and metabolic output using in vitro fermentation.

Journal of food science , Volume: 85 Issue: 8 2020 Aug

Authors Tian DD,Xu XQ,Peng Q,Zhang YW,Zhang PB,Qiao Y,Shi B

Effect of banana pulp dietary fibers on metabolic syndrome and gut microbiota diversity in high-fat diet mice.

Journal of food biochemistry , 2020 Jul 14

Authors Wei G,Ye Y,Yan X,Chao X,Yang F,Wang M,Zhang W,Yuan C,Zeng Q

Anti-Obesity Effect of *Lactobacillus plantarum* LB818 Is Associated with Regulation of Gut Microbiota in High-Fat Diet-Fed Obese Mice.

Journal of medicinal food , Volume: 23 Issue: 7 2020 Jul

Authors Hussain A,Kwon MH,Kim HK,Lee HS,Cho JS,Lee YI

Dietary supplementation with *Bacillus subtilis* DSM 32315 alters the intestinal microbiota and metabolites in weaned piglets.

Journal of applied microbiology , 2020 Jul 6

Authors Ding H,Zhao X,Ma C,Gao Q,Yin Y,Kong X,He J

Exercise training modulates the gut microbiota profile and impairs inflammatory signaling pathways in obese children.

Experimental & molecular medicine , Volume: 52 Issue: 7 2020 Jul

Authors Quiroga R,Nistal E,Estébanez B,Porras D,Juárez-Fernández M,Martínez-Flórez S,García-Mediavilla MV,de Paz JA,González-Gallego J,Sánchez-Campos S,Cuevas MJ

Dietary quinoa (*Chenopodium quinoa* Willd.) polysaccharides ameliorate high-fat diet-induced hyperlipidemia and modulate gut microbiota.

International journal of biological macromolecules , Volume: 163 2020 Nov 15

Authors Cao Y,Zou L,Li W,Song Y,Zhao G,Hu Y

Amoxicillin Increased Functional Pathway Genes and Beta-Lactam Resistance Genes by Pathogens Bloomed in Intestinal Microbiota Using a Simulator of the Human Intestinal Microbial Ecosystem.

Frontiers in microbiology , Volume: 11 2020

Authors Liu L,Wang Q,Lin H,Das R,Wang S,Qi H,Yang J,Xue Y,Mao D,Luo Y

Time-restricted feeding is associated with changes in human gut microbiota related to nutrient intake.

Nutrition (Burbank, Los Angeles County, Calif.) , Volume: 78 2020 Oct

Authors Zeb F,Wu X,Chen L,Fatima S,Ijaz-Ul-Haq,Chen A,Xu C,Jianglei R,Feng Q,Li M

Protective mechanism of rhubarb anthraquinone glycosides in rats with cerebral ischaemia-reperfusion injury: interactions between medicine and intestinal flora.

Chinese medicine , Volume: 15 2020

Authors Li Q,Guo Y,Yu X,Liu W,Zhou L

Oral Supplements of Combined *Bacillus licheniformis* Zhengchangsheng® and Xylooligosaccharides Improve High-Fat Diet-Induced Obesity and Modulate the Gut Microbiota in Rats.

BioMed research international , Volume: 2020 2020

Authors Li Y,Liu M,Liu H,Wei X,Su X,Li M,Yuan J

Co-Culture with *Bifidobacterium catenulatum* Improves the Growth, Gut Colonization, and Butyrate Production of *Faecalibacterium prausnitzii*: In Vitro and In Vivo Studies.

Microorganisms , Volume: 8 Issue: 5 2020 May 25

Authors Kim H,Jeong Y,Kang S,You HJ, Ji GE

Auxiliary antitumor effects of fungal proteins from *Hericium erinaceus* by target on the gut microbiota.

Journal of food science , Volume: 85 Issue: 6 2020 Jun

Authors Wang D,Zhu X,Tang X,Li H,Yizhen X,Chen D

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

Dietary supplementation with *Lactobacillus plantarum* modified gut microbiota, bile acid profile and glucose homeostasis in weaning piglets.

The British journal of nutrition , Volume: 124 Issue: 8 2020 Oct 28

Authors Lin S,Yang X,Long Y,Zhong H,Wang P,Yuan P,Zhang X,Che L,Feng B,Li J,Zhuo Y,Lin Y,Xu S,Wu D,Fang Z

Synergetic responses of intestinal microbiota and epithelium to dietary inulin supplementation in pigs.

European journal of nutrition , Volume: 60 Issue: 2 2021 Mar

Authors He J,Xie H,Chen D,Yu B,Huang Z,Mao X,Zheng P,Luo Y,Yu J,Luo J,Yan H

High-Meat-Protein High-Fat Diet Induced Dysbiosis of Gut Microbiota and Tryptophan Metabolism in Wistar Rats.

Journal of agricultural and food chemistry , Volume: 68 Issue: 23 2020 Jun 10

Authors Shi J,Zhao D,Song S,Zhang M,Zamaratskaia G,Xu X,Zhou G,Li C

Effect of long-term consumption of tea (*Camellia sinensis* L.) flower polysaccharides on maintaining intestinal health in BALB/c mice.

Journal of food science , Volume: 85 Issue: 6 2020 Jun

Authors Chen D,Ding Y,Ye H,Sun Y,Zeng X

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

Lactobacillus plantarum FRT10 alleviated high-fat diet-induced obesity in mice through regulating the PPARα signal pathway and gut microbiota.

Applied microbiology and biotechnology , Volume: 104 Issue: 13 2020 Jul

Authors Cai H,Wen Z,Li X,Meng K,Yang P

5-Heptadecylresorcinol, a Biomarker for Whole Grain Rye Consumption, Ameliorates Cognitive Impairments and Neuroinflammation in APP/PS1 Transgenic Mice.

Molecular nutrition & food research , Volume: 64 Issue: 11 2020 Jun

Authors Liu J,Wang Y,Wang Z,Hao Y,Bai W,Wang Z,Wang J

The Effect of Whey on Performance, Gut Health and Bone Morphology Parameters in Broiler Chicks.

Foods (Basel, Switzerland) , Volume: 9 Issue: 5 2020 May 5

Authors Tsiouris V,Kontominas MG,Filioussis G,Chalvatzi S,Giannenas I,Papadopoulos G,Koutoulis K,Fortomaris P,Georgopoulou I

Effect of dietary fiber fermentation on short-chain fatty acid production and microbial composition in vitro.

Journal of the science of food and agriculture , Volume: 100 Issue: 11 2020 Aug 30

Authors Bai Y,Zhao JB,Tao SY,Zhou XJ,Pi Y,Gerrits WJ,Johnston LJ,Zhang SY,Yang HJ,Liu L,Zhang S,Wang JJ

Prebiotics effects in vitro of polysaccharides from tea flowers on gut microbiota of healthy persons and patients with inflammatory bowel disease.

International journal of biological macromolecules , Volume: 158 2020 May 3

Authors Chen D,Chen G,Chen C,Zeng X,Ye H

Efficacy of green tea and its extract, epigallocatechin-3-gallate, in the reduction of cariogenic microbiota in children: a randomized clinical trial.

Archives of oral biology , Volume: 114 2020 Jun

Authors Vilela MM,Salvador SL,Teixeira IGL,Del Arco MCG,De Rossi A

Alleviation effects of *Bifidobacterium breve* on DSS-induced colitis depends on intestinal tract barrier maintenance and gut microbiota modulation.

European journal of nutrition , 2020 Apr 29

Authors Chen Y,Jin Y,Stanton C,Paul Ross R,Zhao J,Zhang H,Yang B,Chen W

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

In-vitro antibacterial effect of tea polyphenols combined with common antibiotics on multidrug-resistant *Klebsiella pneumoniae*.

Minerva medica , Volume: 111 Issue: 6 2020 Dec

Authors Zhang N,Liu W,Qian K

Preventive Effects of Kaempferol on High-Fat Diet-Induced Obesity Complications in C57BL/6 Mice.

BioMed research international , Volume: 2020 2020

Authors Wang T,Wu Q,Zhao T

Lactobacillus plantarum NA136 ameliorates nonalcoholic fatty liver disease by modulating gut microbiota, improving intestinal barrier integrity, and attenuating inflammation.

Applied microbiology and biotechnology , Volume: 104 Issue: 12 2020 Jun

Authors Zhao Z,Chen L,Zhao Y,Wang C,Duan C,Yang G,Niu C,Li S

Effect of resveratrol on intestinal tight junction proteins and the gut microbiome in high-fat diet-fed insulin resistant mice.

International journal of food sciences and nutrition , Volume: 71 Issue: 8 2020 Dec

Authors Chen K,Zhao H,Shu L,Xing H,Wang C,Lu C,Song G

Consumption of two whole kiwifruit (*Actinide chinensis*) per day improves lipid homeostasis, fatty acid metabolism and gut microbiota in healthy rats.

International journal of biological macromolecules , Volume: 156 2020 Apr 9

Authors Alim A,Li T,Nisar T,Ren D,Liu Y,Yang X

Modulation of Pectin on Mucosal Innate Immune Function in Pigs Mediated by Gut Microbiota.

Microorganisms , Volume: 8 Issue: 4 2020 Apr 8

Authors Wu W,Zhang L,Xia B,Tang S,Xie J,Zhang H

Seasonal changes of circulating 25-hydroxyvitamin D correlate with the lower gut microbiome composition in inflammatory bowel disease patients.

Scientific reports , Volume: 10 Issue: 1 2020 Apr 7

Authors Soltys K,Stuchlikova M,Hlavaty T,Galova B,Budis J,Gazdarica J,Krajcovicova A,Zelinkova Z,Szemes T,Kuba D,Drahovska H,Turna J,Stuchlik S

Conserved and variable responses of the gut microbiome to resistant starch type 2

Nutrition research (New York, N.Y.) , Volume: 77 2020 Feb 22

Authors Bendiks ZA,Knudsen KEB,Keenan MJ,Marco ML

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

Chinese Propolis Prevents Obesity and Metabolism Syndromes Induced by a High Fat Diet and Accompanied by an Altered Gut Microbiota Structure in Mice.

Nutrients , Volume: 12 Issue: 4 2020 Mar 30

Authors Zheng Y,Wu Y,Tao L,Chen X,Jones TJ,Wang K,Hu F

Effects of dietary inulin supplementation on growth performance, intestinal barrier integrity and microbial populations in weaned pigs.

The British journal of nutrition , Volume: 124 Issue: 3 2020 Aug 14

Authors Wang W,Chen D,Yu B,Huang Z,Mao X,Zheng P,Luo Y,Yu J,Luo J,Yan H,He J

Intestinal microbiota and its association with colon cancer and red/processed meat consumption.

Journal of gastroenterology and hepatology , Volume: 36 Issue: 1 2021 Jan

Authors Abu-Ghazaleh N,Chua WJ,Gopalan V

The Prophylactic Use of Bovine Colostrum in a Murine Model of TNBS-Induced Colitis.

Animals : an open access journal from MDPI , Volume: 10 Issue: 3 2020 Mar 15

Authors Menchetti L,Curone G,Filipescu IE,Barbato O,Leonardi L,Guelfi G,Traina G,Casagrande-Proietti P,Riva F,Casano AB,Piro F,Vigo D,Quattrone A,Brecchia G

Ethanol extract of propolis prevents high-fat diet-induced insulin resistance and obesity in association with modulation of gut microbiota in mice.

Food research international (Ottawa, Ont.) , Volume: 130 2020 Apr

Authors Cai W,Xu J,Li G,Liu T,Guo X,Wang H,Luo L

Randomised clinical trial: effect of low-FODMAP rye bread versus regular rye bread on the intestinal microbiota of irritable bowel syndrome patients: association with individual symptom variation.

BMC nutrition , Volume: 5 2019

Authors Laatikainen R,Jalanka J,Loponen J,Hongisto SM,Hillilä M,Koskenpato J,Korpela R,Salonen A

Bacillus coagulans SANK 70258 suppresses Enterobacteriaceae in the microbiota of ulcerative colitis in vitro and enhances

butyrogenesis in healthy microbiota.

Applied microbiology and biotechnology , Volume: 104 Issue: 9 2020 May

Authors Sasaki K,Sasaki D,Inoue J,Hoshi N,Maeda T,Yamada R,Kondo A

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

Prebiotic inulin consumption reduces dioxin-like PCB 126-mediated hepatotoxicity and gut dysbiosis in hyperlipidemic Ldlr deficient mice.

Environmental pollution (Barking, Essex : 1987) , Volume: 261 2020 Jun

Authors Hoffman JB,Petriello MC,Morris AJ,Mottaleb MA,Sui Y,Zhou C,Deng P,Wang C,Hennig B

Stable Colonization of Orally Administered Lactobacillus casei SY13 Alters the Gut Microbiota.

BioMed research international , Volume: 2020 2020

Authors Yue Y,Xu X,Yang B,Lu J,Zhang S,Liu L,Nassar K,Zhang C,Zhang M,Pang X,Lv J

Prebiotic activity of garlic (<i>Allium sativum</i>) extract on <i>Lactobacillus acidophilus</i>.

Veterinary world , Volume: 12 Issue: 12 2019 Dec

Authors Sunu P,Sunarti D,Mahfudz LD,Yunianto VD

Short-Term Fermented Soybeans with Bacillus amyloliquefaciens Potentiated Insulin Secretion Capacity and Improved Gut Microbiome Diversity and Intestinal Integrity To Alleviate Asian Type 2 Diabetic Symptoms.

Journal of agricultural and food chemistry , Volume: 68 Issue: 46 2020 Nov 18

Authors Jeong DY,Daily JW,Lee GH,Ryu MS,Yang HJ,Jeong SY,Qiu JY,Zhang T,Park S

Use of A Hydroalcoholic Extract of Moringa oleifera Leaves for the Green Synthesis of Bismuth Nanoparticles and Evaluation of Their Anti-Microbial and Antioxidant Activities.

Materials (Basel, Switzerland) , Volume: 13 Issue: 4 2020 Feb 15

Authors Das PE,Majdalawieh AF,Abu-Yousef IA,Narasimhan S,Poltronieri P

Structural changes in gut microbiome after Ramadan fasting: a pilot study.

Beneficial microbes , Volume: 11 Issue: 3 2020 May 11

Authors Ozkul C,Yalinay M,Karakan T

Structure characterization of soluble dietary fiber fractions from mushroom Lentinula edodes (Berk.) Pegler and the effects on fermentation and human gut microbiota in vitro.

Food research international (Ottawa, Ont.) , Volume: 129 2020 Mar

Authors Xue Z,Ma Q,Chen Y,Lu Y,Wang Y,Jia Y,Zhang M,Chen H

Anti-obesity effects of α-amylase inhibitor enriched-extract from white common beans (Phaseolus vulgaris L.) associated with the modulation of gut microbiota composition in high-fat diet-induced obese rats.

Food & function , Volume: 11 Issue: 2 2020 Feb 26

Authors Shi Z,Zhu Y,Teng C,Yao Y,Ren G,Richel A

Green Synthesis of Encapsulated Copper Nanoparticles Using a Hydroalcoholic Extract of Moringa oleifera Leaves and Assessment of Their Antioxidant and Antimicrobial Activities.

Molecules (Basel, Switzerland) , Volume: 25 Issue: 3 2020 Jan 28

Authors Das PE,Abu-Yousef IA,Majdalawieh AF,Narasimhan S,Poltronieri P

The effects of high doses of vitamin D on the composition of the gut microbiome of adolescent girls.

Clinical nutrition ESPEN , Volume: 35 2020 Feb

Authors Tabatabaeizadeh SA,Fazeli M,Meshkat Z,Khodashenas E,Esmaili H,Mazloun S,Ferns GA,Abdizadeh MF,Ghayour-Mobarhan M

Study on the Effect of Capsaicin on the Intestinal Flora through High-Throughput Sequencing.

ACS omega , Volume: 5 Issue: 2 2020 Jan 21

Authors Wang F,Huang X,Chen Y,Zhang D,Chen D,Chen L,Lin J

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

Saccharomyces boulardii Tht 500101 changes gut microbiota and ameliorates hyperglycaemia, dyslipidaemia, and liver inflammation in streptozotocin-diabetic mice.

Beneficial microbes , Volume: 10 Issue: 8 2019 Dec 9

Authors Albuquerque RCMF,Brandão ABP,De Abreu ICME,Ferreira FG,Santos LB,Moreira LN,Taddei CR,Aimbire F,Cunha TS

Gut Microbiota Modulation by Dietary Barley Malt Melanoidins.

Nutrients , Volume: 12 Issue: 1 2020 Jan 17

Authors Aljahdali N,Gadonna-Widehem P,Anton PM,Carbonero F

[Camellia sinensis and Litsea coreana Ameliorate Intestinal Inflammation and Modulate Gut Microbiota in Dextran Sulfate Sodium-Induced Colitis Mice.](#)

Molecular nutrition & food research , Volume: 64 Issue: 6 2020 Mar

Authors Liu Y,Wang X,Chen Q,Luo L,Ma M,Xiao B,Zeng L

[Dietary prophage inducers and antimicrobials: toward landscaping the human gut microbiome.](#)

Gut microbes , 2020 Jan 13

Authors Boling L,Cuevas DA,Grasis JA,Kang HS,Knowles B,Levi K,Maughan H,McNair K,Rojas MI,Sanchez SE,Smurthwaite C,Rohwer F

[Effect of time-restricted feeding on metabolic risk and circadian rhythm associated with gut microbiome in healthy males.](#)

The British journal of nutrition , Volume: 123 Issue: 11 2020 Jun 14

Authors Zeb F,Wu X,Chen L,Fatima S,Haq IU,Chen A,Majeed F,Feng Q,Li M

[The Effect of Various Doses of Oral Vitamin D₃ Supplementation on Gut Microbiota in Healthy Adults: A Randomized, Double-blinded, Dose-response Study.](#)

Anticancer research , Volume: 40 Issue: 1 2020 Jan

Authors Charoenngam N,Shirvani A,Kalajian TA,Song A,Holick MF

[Rapid gut microbiome changes in a world-class ultramarathon runner.](#)

Physiological reports , Volume: 7 Issue: 24 2019 Dec

Authors Grosicki GJ,Durk RP,Bagley JR

[Effect of dietary Moringa oleifera leaves on the performance, ileal microbiota and antioxidative status of broiler chickens.](#)

Journal of animal physiology and animal nutrition , Volume: 104 Issue: 2 2020 Mar

Authors Abu Hafsa SH,Ibrahim SA,Eid YZ,Hassan AA

[Food for thought about manipulating gut bacteria.](#)

Nature , Volume: 577 Issue: 7788 2020 Jan

Authors Delzenne NM,Bindels LB

[Islamic fasting leads to an increased abundance of Akkermansia muciniphila and Bacteroides fragilis group: A preliminary study on intermittent fasting.](#)

The Turkish journal of gastroenterology : the official journal of Turkish Society of Gastroenterology , Volume: 30 Issue: 12 2019 Dec

Authors Özkul C,Yalinay M,Karakan T

[Walnuts and Vegetable Oils Containing Oleic Acid Differentially Affect the Gut Microbiota and Associations with Cardiovascular Risk Factors: Follow-up of a Randomized, Controlled, Feeding Trial in Adults at Risk for Cardiovascular Disease.](#)

The Journal of nutrition , Volume: 150 Issue: 4 2020 Apr 1

Authors Tindall AM,McLimans CJ,Petersen KS,Kris-Etherton PM,Lamendella R

[Chronic oral exposure to glycated whey proteins increases survival of aged male NOD mice with autoimmune prostatitis by regulating the gut microbiome and anti-inflammatory responses.](#)

Food & function , Volume: 11 Issue: 1 2020 Jan 29

Authors Chen Y,Guo KM,Nagy T,Guo TL

[Changes in human gut microbiota composition are linked to the energy metabolic switch during 10 d of Buchinger fasting.](#)

Journal of nutritional science , Volume: 8 2019

Authors Mesnage R,Grundler F,Schwartz A,Le Maho Y,Wilhelmi de Toledo F

[The Association Between Smoking and Gut Microbiome in Bangladesh.](#)

Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco , Volume: 22 Issue: 8 2020 Jul 16

Authors Nolan-Kenney R,Wu F,Hu J,Yang L,Kelly D,Li H,Jasmine F,Kibriya MG,Parvez F,Shaheen I,Sarwar G,Ahmed A,Eunus M,Islam T,Pei Z,Ahsan H,Chen Y

[Effect of Vitamin D Supplementation on Faecal Microbiota: A Randomised Clinical Trial.](#)

Nutrients , Volume: 11 Issue: 12 2019 Nov 27

Authors Naderpoor N,Mousa A,Fernanda Gomez Arango L,Barrett HL,Dekker Nitert M,de Courten B

[Lactose drives *Enterococcus* expansion to promote graft-versus-host disease.](#)

Science (New York, N.Y.) , Volume: 366 Issue: 6469 2019 Nov 29

Authors Stein-Thoeringer CK,Nichols KB,Lazrak A,Docampo MD,Slingerland AE,Slingerland JB,Curman AG,Armijo G,Gomes ALC,Shono Y,Staffas A,Burgos da Silva M,Devlin SM,Markey KA,Bajic D,Pinedo R,Tsakmaklis A,Littmann ER,Pastore A,Taur Y,Monette S,Arcila ME,Pickard AJ,Maloy M,Wright RJ,Amoretti LA,Fontana E,Pham D,Jamal MA,Weber D,Sung AD,Hashimoto D,Scheid C,Xavier JB,Messina JA,Romero K,Lew M,Bush A,Bohannon L,Hayasaka K,Hasegawa Y,Vehreschild MJGT,Cross JR,Ponce DM,Perales MA,Giralt SA,Jenq RR,Teshima T,Holler E,Chao NJ,Pamer EG,Peled JU,van den Brink MIRM

[Dietary Saccharomyces cerevisiae boulardii CNCM I-1079 Positively Affects Performance and Intestinal Ecosystem in Broilers during a Campylobacter jejuni Infection.](#)

Microorganisms , Volume: 7 Issue: 12 2019 Nov 21

Authors Massacci FR,Lovito C,Tofani S,Tentellini M,Genovese DA,De Leo AAP,Papa P,Magistrali CF,Manuali E,Trabalza-Marinucci M,Moscato L,Forte C

Apple polysaccharide could promote the growth of Bifidobacterium longum

International journal of biological macromolecules , Volume: 152 2020 Jun 1

Authors Li Y,Wang S,Sun Y,Zheng H,Tang Y,Gao X,Song C,Liu J,Long Y,Liu L,Mei Q

Steatosis and gut microbiota dysbiosis induced by high-fat diet are reversed by 1-week chow diet administration.

Nutrition research (New York, N.Y.) , Volume: 71 2019 Nov

Authors Safari Z,Monnoye M,Abuja PM,Mariadassou M,Kashofer K,Gérard P,Zatloukal K

Improvements in Metabolic Syndrome by Xanthohumol Derivatives Are Linked to Altered Gut Microbiota and Bile Acid Metabolism.

Molecular nutrition & food research , Volume: 64 Issue: 1 2020 Jan

Authors Zhang Y,Bobe G,Revel JS,Rodrigues RR,Sharpton TJ,Fantacone ML,Raslan K,Miranda CL,Lowry MB,Blakemore PR,Morgun A,Shulzhenko N,Maier CS,Stevens JF,Gombart AF

Dietary resistant starch modifies the composition and function of caecal microbiota of broilers.

Journal of the science of food and agriculture , Volume: 100 Issue: 3 2020 Feb

Authors Zhang Y,Liu Y,Li J,Xing T,Jiang Y,Zhang L,Gao F

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

Physiological and Biochemical Effects of Intrinsically High and Low Exercise Capacities Through Multiomics Approaches.

Frontiers in physiology , Volume: 10 2019

Authors Tung YT,Hsu YJ,Liao CC,Ho ST,Huang CC,Huang WC

Intestinal microbiome analysis demonstrates azithromycin post-treatment effects improve when combined with lactulose.

World journal of pediatrics : WJP , Volume: 16 Issue: 2 2020 Apr

Authors Nikolaou E,Kamilari E,Savkov D,Sergeev A,Zakharova I,Vogazianos P,Tomazou M,Antoniades A,Shammas C

Role of the Gut Microbiota and Their Metabolites in Modulating the Cholesterol-Lowering Effects of Citrus Pectin Oligosaccharides in C57BL/6 Mice.

Journal of agricultural and food chemistry , Volume: 67 Issue: 43 2019 Oct 30

Authors Hu H,Zhang S,Liu F,Zhang P,Muhammad Z,Pan S

Effects of grape pomace and seed polyphenol extracts on the recovery of gut microbiota after antibiotic treatment in high-fat diet-fed mice.

Food science & nutrition , Volume: 7 Issue: 9 2019 Sep

Authors Lu F,Liu F,Zhou Q,Hu X,Zhang Y

Bacillus coagulans R11 maintained intestinal villus health and decreased intestinal injury in lead-exposed mice by regulating the intestinal microbiota and influenced the function of faecal microRNAs.

Environmental pollution (Barking, Essex : 1987) , Volume: 255 Issue: Pt 2 2019 Sep 13

Authors Xing SC,Huang CB,Mi JD,Wu YB,Liao XD

Propolis modulates the gut microbiota and improves the intestinal mucosal barrier function in diabetic rats.

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 118 2019 Oct

Authors Xue M,Liu Y,Xu H,Zhou Z,Ma Y,Sun T,Liu M,Zhang H,Liang H

Lactulose drives a reversible reduction and qualitative modulation of the faecal microbiota diversity in healthy dogs.

Scientific reports , Volume: 9 Issue: 1 2019 Sep 16

Authors Ferreira MDF,Salavati Schmitz S,Schoenebeck JJ,Clements DN,Campbell SM,Gaylor DE,Mellanby RJ,Gow AG,Salavati M

Wheat Gluten Regulates Cholesterol Metabolism by Modulating Gut Microbiota in Hamsters with Hyperlipidemia.

Journal of oleo science , Volume: 68 Issue: 9 2019

Authors Liang TT,Tong LT,Geng DH,Wang LL,Zhou XR,Pu HY,Jia W,Wu QP,Huang JR

Immunomodulatory Effects of Lactobacillus plantarum on Inflammatory Response Induced by Klebsiella pneumoniae.

Infection and immunity , Volume: 87 Issue: 11 2019 Nov

Authors Vareille-Delarbre M,Miquel S,Garcin S,Bertran T,Balestrino D,Evrard B,Forestier C

Adhesive *Bifidobacterium* Induced Changes in Cecal Microbiome Alleviated Constipation in Mice.

Frontiers in microbiology , Volume: 10 2019

Authors Wang L,Chen C,Cui S,Lee YK,Wang G,Zhao J,Zhang H,Chen W

Regulatory Function of Buckwheat-Resistant Starch Supplementation on Lipid Profile and Gut Microbiota in Mice Fed with a

High-Fat Diet**Journal of food science** , Volume: 84 Issue: 9 2019 Sep

Authors Zhou Y,Zhao S,Jiang Y,Wei Y,Zhou X

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

In vitro fecal fermentation of propionylated high-amylose maize starch and its impact on gut microbiota.**Carbohydrate polymers** , Volume: 223 2019 Nov 1

Authors Xie Z,Wang S,Wang Z,Fu X,Huang Q,Yuan Y,Wang K,Zhang B

Exercise Training Modulates Gut Microbiota Profile and Improves Endotoxemia.**Medicine and science in sports and exercise** , Volume: 52 Issue: 1 2020 Jan

Authors Motiani KK,Collado MC,Eskelinen JJ,Virtanen KA,Löyttyniemi E,Salminen S,Nuutila P,Kalliokoski KK,Hannukainen JC

Effect of 1-Deoxynojirimycin Isolated from Mulberry Leaves on Glucose Metabolism and Gut Microbiota in a Streptozotocin-Induced Diabetic Mouse Model.**Journal of natural products** , Volume: 82 Issue: 8 2019 Aug 23

Authors Hu TG,Wen P,Shen WZ,Liu F,Li Q,Li EN,Liao ST,Wu H,Zou YX

Improvement of non-invasive markers of NAFLD from an individualised, web-based exercise program.**Alimentary pharmacology & therapeutics** , Volume: 50 Issue: 8 2019 Oct

Authors Huber Y,Pfirschmann D,Gebhardt I,Labenz C,Gehrke N,Straub BK,Ruckes C,Bantel H,Belda E,Clément K,Leeming DJ,Karsdal MA,Galle PR,Simon P,Schattenberg JM

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

Daily intake of wheat germ-enriched bread may promote a healthy gut bacterial microbiota: a randomised controlled trial.**European journal of nutrition** , Volume: 59 Issue: 5 2020 Aug

Authors Moreira-Rosário A,Marques C,Pinheiro H,Norberto S,Sintra D,Teixeira JA,Calhau C,Azevedo LF

The Capacity of the Fecal Microbiota From Malawian Infants to Ferment Resistant Starch.**Frontiers in microbiology** , Volume: 10 2019

Authors Wang Y,Mortimer EK,Katundu KGH,Kalanga N,Leong LEX,Gopalsamy GL,Christophersen CT,Richard AC,Shivasami A,Abell GCJ,Young GP,Rogers GB

A Purified Anthraquinone-Glycoside Preparation From Rhubarb Ameliorates Type 2 Diabetes Mellitus by Modulating the Gut Microbiota and Reducing Inflammation.**Frontiers in microbiology** , Volume: 10 2019

Authors Cui HX,Zhang LS,Luo Y,Yuan K,Huang ZY,Guo Y

The specific use of alginate from Laminaria japonica by Bacteroides species determined its modulation of the Bacteroides community.**Food & function** , Volume: 10 Issue: 7 2019 Jul 17

Authors Ai C,Jiang P,Liu Y,Duan M,Sun X,Luo T,Jiang G,Song S

Different duck products protein on rat physiology and gut microbiota.**Journal of proteomics** , Volume: 206 2019 Jun 29

Authors Wei T,Dang Y,Cao J,Wu Z,He J,Sun Y,Pan D,Tian Z

Lactose and Bovine Milk Oligosaccharides Synergistically Stimulate B. longum subsp. longum Growth in a Simplified Model of the Infant Gut Microbiome.**Journal of proteome research** , Volume: 18 Issue: 8 2019 Aug 2

Authors Jakobsen LMA,Sundekilde UK,Andersen HJ,Nielsen DS,Bertram HC

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

Resistant Starch is Actively Fermented by Infant Faecal Microbiota and Increases Microbial Diversity.**Nutrients** , Volume: 11 Issue: 6 2019 Jun 14

Authors Gopalsamy G,Mortimer E,Greenfield P,Bird AR,Young GP,Christophersen CT

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

Microbiome-Metabolomics Analysis Investigating the Impacts of Dietary Starch Types on the Composition and Metabolism of Colonic Microbiota in Finishing Pigs.

Frontiers in microbiology , Volume: 10 2019

Authors Yu M,Li Z,Chen W,Rong T,Wang G,Ma X

[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

[Preventive Effects and Mechanisms of Garlic on Dyslipidemia and Gut Microbiome Dysbiosis.](#)**Nutrients , Volume: 11 Issue: 6 2019 May 29**

Authors Chen K,Xie K,Liu Z,Nakasone Y,Sakao K,Hossain A,Hou DX

[Effects of a Lactulose-Rich Diet on Fecal Microbiome and Metabolome in Pregnant Mice.](#)**Journal of agricultural and food chemistry , Volume: 67 Issue: 27 2019 Jul 10**

Authors Zhang Z,Chen X,Zhao J,Tian C,Wei X,Li H,Lin W,Jiang A,Feng R,Yuan J,Zhao X

[The role of short-chain fatty acids in microbiota-gut-brain communication.](#)**Nature reviews. Gastroenterology & hepatology , Volume: 16 Issue: 8 2019 Aug**

Authors Dalile B, Van Oudenhove L, Vervliet B, Verbeke K

[Fermented *Momordica charantia* L. juice modulates hyperglycemia, lipid profile, and gut microbiota in type 2 diabetic rats.](#)**Food research international (Ottawa, Ont.) , Volume: 121 2019 Jul**

Authors Gao H,Wen JJ,Hu JL,Nie QX,Chen HH,Xiong T,Nie SP,Xie MY

[Effects of a diet based on inulin-rich vegetables on gut health and nutritional behavior in healthy humans.](#)**The American journal of clinical nutrition , Volume: 109 Issue: 6 2019 Jun 1**

Authors Hiel S, Bindels LB, Pachikian BD, Kalala G, Broers V, Zamariola G, Chang BPI, Kambashi B, Rodríguez J, Cani PD, Neyrinck AM, Thissen JP, Luminet O, Bindelle J, Delzenne NM

[*Bacillus subtilis* Strain DSM 29784 Modulates the Cecal Microbiome, Concentration of Short-Chain Fatty Acids, and Apparent Retention of Dietary Components in Shaver White Chickens during Grower, Developer, and Laying Phases.](#)**Applied and environmental microbiology , Volume: 85 Issue: 14 2019 Jul 15**

Authors Neijat M,Habtewold J,Shirley RB,Welsher A,Barton J,Thiery P,Kiarie E

[*Brevibacillus laterosporus* strains BGSP7, BGSP9 and BGSP11 isolated from silage produce broad spectrum multi-antimicrobials.](#)**PloS one , Volume: 14 Issue: 5 2019**

Authors Miljkovic M,Jovanovic S,O'Connor PM,Mirkovic N,Jovcic B,Filipic B,Dinic M,Studholme DJ,Fira D,Cotter PD,Kojic M

[Mulberry Leaf Polyphenols and Fiber Induce Synergistic Antiobesity and Display a Modulation Effect on Gut Microbiota and Metabolites.](#)**Nutrients , Volume: 11 Issue: 5 2019 May 6**

Authors Li Q,Liu F,Liu J,Liao S,Zou Y

[Four men in a boat: Ultra-endurance exercise alters the gut microbiome.](#)**Journal of science and medicine in sport , Volume: 22 Issue: 9 2019 Sep**

Authors Keohane DM,Woods T,O'Connor P,Underwood S,Cronin O,Whiston R,O'Sullivan O,Cotter P,Shanahan F,Molloy MGM

[Associations between usual diet and gut microbiota composition: results from the Milieu Intérieur cross-sectional study.](#)**The American journal of clinical nutrition , Volume: 109 Issue: 5 2019 May 1**

Authors Partula V,Mondot S,Torres MJ,Kesse-Guyot E,Deschasaux M,Assmann K,Latino-Martel P,Buscail C,Julia C,Galan P,Hercberg S,Rouilly V,Thomas S,Quintana-Murci L,Albert ML,Duffy D,Lantz O,Touvier M,Milieu Intérieur Consortium

[In vitro modulation of human gut microbiota composition and metabolites by *Bifidobacterium longum* BB-46 and a citric pectin.](#)**Food research international (Ottawa, Ont.) , Volume: 120 2019 Jun**

Authors Bianchi F,Larsen N,Tieghi TM,Adorno MAT,Saad SMI,Jespersen L,Sivieri K

[Aerobic Exercise Training with Brisk Walking Increases Intestinal Bacteroides in Healthy Elderly Women.](#)**Nutrients , Volume: 11 Issue: 4 2019 Apr 17**

Authors Morita E,Yokoyama H,Imai D,Takeda R,Ota A,Kawai E,Hisada T,Emoto M,Suzuki Y,Okazaki K

[The Effects of Intact Cereal Grain Fibers, Including Wheat Bran on the Gut Microbiota Composition of Healthy Adults: A Systematic Review.](#)**Frontiers in nutrition , Volume: 6 2019**

Authors Jefferson A,Adolphus K

[Apple consumption is associated with a distinctive microbiota, proteomics and metabolomics profile in the gut of Dawley Sprague rats fed a high-fat diet.](#)

PloS one , Volume: 14 Issue: 3 2019

Authors Garcia-Mazcorro JF, Pedreschi R, Yuan J, Kawas JR, Chew B, Dowd SE, Noratto G

Effects of dietary supplementation of probiotic *Enterococcus faecium* on growth performance and gut microbiota in weaned piglets.

AMB Express , Volume: 9 Issue: 1 2019 Mar 1

Authors Hu C, Xing W, Liu X, Zhang X, Li K, Liu J, Deng B, Deng J, Li Y, Tan C

Dietary Intake of Whole Strawberry Inhibited Colonic Inflammation in Dextran-Sulfate-Sodium-Treated Mice via Restoring Immune Homeostasis and Alleviating Gut Microbiota Dysbiosis.

Journal of agricultural and food chemistry , Volume: 67 Issue: 33 2019 Aug 21

Authors Han Y, Song M, Gu M, Ren D, Zhu X, Cao X, Li F, Wang W, Cai X, Yuan B, Goulette T, Zhang G, Xiao H

Effects of a polysaccharide-rich extract derived from Irish-sourced *Laminaria digitata* on the composition and metabolic activity of the human gut microbiota using an in vitro colonic model.

European journal of nutrition , Volume: 59 Issue: 1 2020 Feb

Authors Strain CR, Collins KC, Naughton V, McSorley EM, Stanton C, Smyth TJ, Soler-Vila A, Rea MC, Ross PR, Cherry P, Allsopp PJ

Protective effect of mulberry (*Morus atropurpurea*) fruit against diphenoxylate-induced constipation in mice through the modulation of gut microbiota.

Food & function , Volume: 10 Issue: 3 2019 Mar 20

Authors Hu TG, Wen P, Fu HZ, Lin GY, Liao ST, Zou YX

Influence of proton pump inhibitors on microbiota in chronic liver disease patients.

Hepatology international , Volume: 13 Issue: 2 2019 Mar

Authors Yamamoto K, Ishigami M, Honda T, Takeyama T, Ito T, Ishizu Y, Kuzuya T, Hayashi K, Goto H, Hirooka Y

Spent Coffee Grounds Extract, Rich in Mannooligosaccharides, Promotes a Healthier Gut Microbial Community in a Dose-Dependent Manner.

Journal of agricultural and food chemistry , Volume: 67 Issue: 9 2019 Mar 6

Authors Pérez-Burillo S, Pastoriza S, Fernández-Arteaga A, Luzón G, Jiménez-Hernández N, D`Auria G, Francino MP, Rufián-Henares JA

Effects of Sweeteners on the Gut Microbiota: A Review of Experimental Studies and Clinical Trials.

Advances in nutrition (Bethesda, Md.) , Volume: 10 Issue: suppl_1 2019 Jan 1

Authors Ruiz-Ojeda FJ, Plaza-Díaz J, Sáez-Lara MJ, Gil A

Intestinal Morphologic and Microbiota Responses to Dietary *Bacillus* spp. in a Broiler Chicken Model.

Frontiers in physiology , Volume: 9 2018

Authors Li CL, Wang J, Zhang HJ, Wu SG, Hui QR, Yang CB, Fang RJ, Qi GH

Isolation of wheat bran-colonizing and metabolizing species from the human fecal microbiota.

PeerJ , Volume: 7 2019

Authors De Paepe K, Verspreet J, Rezaei MN, Hidalgo Martinez S, Meysman F, Van de Walle D, Dewettinck K, Raes J, Courtin C, Van de Wiele T

Bacillus amyloliquefaciens Ameliorates Dextran Sulfate Sodium-Induced Colitis by Improving Gut Microbial Dysbiosis in Mice Model.

Frontiers in microbiology , Volume: 9 2018

Authors Cao G, Wang K, Li Z, Tao F, Xu Y, Lan J, Chen G, Yang C

Bacillus subtilis 29784 induces a shift in broiler gut microbiome toward butyrate-producing bacteria and improves intestinal histomorphology and animal performance.

Poultry science , Volume: 98 Issue: 6 2019 Jun 1

Authors Jacquier V, Nelson A, Jiali M, Rhayat L, Brinch KS, Devillard E

Probiotic *Lactobacillus johnsonii* BS15 Promotes Growth Performance, Intestinal Immunity, and Gut Microbiota in Piglets.

Probiotics and antimicrobial proteins , Volume: 12 Issue: 1 2020 Mar

Authors Xin J, Zeng D, Wang H, Sun N, Zhao Y, Dan Y, Pan K, Jing B, Ni X

The impact of *Bacillus subtilis* 18 isolated from Tibetan yaks on growth performance and gut microbial community in mice.

Microbial pathogenesis , Volume: 128 2019 Mar

Authors Li A, Jiang X, Wang Y, Zhang L, Zhang H, Mehmood K, Li Z, Waqas M, Li J

Effect of *Saccharomyces boulardii* and *Bacillus subtilis* B10 on gut microbiota modulation in broilers.

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 4 Issue: 4 2018 Dec

Authors Qin C, Gong L, Zhang X, Wang Y, Wang Y, Wang B, Li Y, Li W

The impact of *Bacillus subtilis* DSM 32315 on the pathology, performance, and intestinal microbiome of broiler chickens in a necrotic enteritis challenge.

Poultry science , Volume: 98 Issue: 9 2019 Sep 1

Authors Whelan RA, Doranalli K, Rinttilä T, Vienola K, Jurgens G, Apajalahti J

Arabinoxylan from Argentinian whole wheat flour promote the growth of *Lactobacillus reuteri* and *Bifidobacterium breve*.

Letters in applied microbiology , Volume: 68 Issue: 2 2019 Feb

Authors Paesani C, Salvucci E, Moiraghi M, Fernandez Canigia L, Pérez GT

Identification of factors involved in Enterococcus faecalis biofilm under quercetin stress.**Microbial pathogenesis** , Volume: 126 2019 Jan

Authors Qayyum S, Sharma D, Bisht D, Khan AU

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

Effect of Bacillus subtilis C-3102 on bone mineral density in healthy postmenopausal Japanese women: a randomized, placebo-controlled, double-blind clinical trial.**Bioscience of microbiota, food and health** , Volume: 37 Issue: 4 2018

Authors Takimoto T, Hatanaka M, Hoshino T, Takara T, Tanaka K, Shimizu A, Morita H, Nakamura T

Simultaneous Supplementation of <i>Bacillus subtilis</i> and Antibiotic Growth Promoters by Stages Improved Intestinal Function of Pullets by Altering Gut Microbiota.**Frontiers in microbiology** , Volume: 9 2018

Authors Li X, Wu S, Li X, Yan T, Duan Y, Yang X, Duan Y, Sun Q, Yang X

In vitro fermentation of raffinose by the human gut bacteria.**Food & function** , Volume: 9 Issue: 11 2018 Nov 14

Authors Mao B, Tang H, Gu J, Li D, Cui S, Zhao J, Zhang H, Chen W

Determination of Antimicrobial Activity of Some Commercial Fruit (Apple, Papaya, Lemon and Strawberry) Against Bacteria Causing Urinary Tract Infection.**European journal of microbiology & immunology** , Volume: 8 Issue: 3 2018 Sep 28

Authors Liya SJ, Siddique R

Biological Activities of Lactose-Derived Prebiotics and Symbiotic with Probiotics on Gastrointestinal System.**Medicina (Kaunas, Lithuania)** , Volume: 54 Issue: 2 2018 Apr 17

Authors Nath A, Haktanirlar G, Varga Á, Molnár MA, Albert K, Galambos I, Koris A, Vatai G

Supplemental Bacillus subtilis DSM 32315 manipulates intestinal structure and microbial composition in broiler chickens.**Scientific reports** , Volume: 8 Issue: 1 2018 Oct 18

Authors Ma Y, Wang W, Zhang H, Wang J, Zhang W, Gao J, Wu S, Qi G

An exploratory study on the effect of daily fruits and vegetable juice on human gut microbiota.**Food science and biotechnology** , Volume: 27 Issue: 5 2018 Oct

Authors Choi YJ, Lee DH, Kim HS, Kim YK

Antimicrobial activity of spices essential oils and its effectiveness on mature biofilms of human pathogens.**Natural product research** , 2018 Oct 13

Authors Condò C, Anacarso I, Sabia C, Iseppi R, Anfelli I, Forti L, de Niederhäusern S, Bondi M, Messi P

Broccoli consumption affects the human gastrointestinal microbiota.**The Journal of nutritional biochemistry** , Volume: 63 2019 Jan

Authors Kaczmarek JL, Liu X, Charron CS, Novotny JA, Jeffery EH, Seifried HE, Ross SA, Miller MJ, Swanson KS, Holscher HD

Effects of Whole Milk Supplementation on Gut Microbiota and Cardiometabolic Biomarkers in Subjects with and without Lactose Malabsorption.**Nutrients** , Volume: 10 Issue: 10 2018 Oct 2

Authors Li X, Yin J, Zhu Y, Wang X, Hu X, Bao W, Huang Y, Chen L, Chen S, Yang W, Shan Z, Liu L

Metagenomic Insights into the Degradation of Resistant Starch by Human Gut Microbiota.**Applied and environmental microbiology** , Volume: 84 Issue: 23 2018 Dec 1

Authors Vital M, Howe A, Bergeron N, Krauss RM, Jansson JK, Tiedje JM

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

Probiotic <i>Lactobacillus plantarum</i> Promotes Intestinal Barrier Function by Strengthening the Epithelium and Modulating Gut Microbiota.**Frontiers in microbiology** , Volume: 9 2018

Authors Wang J, Ji H, Wang S, Liu H, Zhang W, Zhang D, Wang Y

Investigating of Moringa Oleifera Role on Gut Microbiota Composition and Inflammation Associated with Obesity Following High Fat Diet Feeding.**Open access Macedonian journal of medical sciences** , Volume: 6 Issue: 8 2018 Aug 20

Authors Elabd EMY, Morsy SM, Elmalt HA

[Microbiological profiles of pathogens causing nosocomial bacteremia in 2011, 2013 and 2016].

Sheng wu gong cheng xue bao = Chinese journal of biotechnology , Volume: 34 Issue: 8 2018 Aug 25

Authors Wang X,Zhao C,Li H,Chen H,Jin L,Wang Z,Liao K,Zeng J,Xu X,Jin Y,Su D,Liu W,Hu Z,Cao B,Chu Y,Zhang R,Luo Y,Hu B,Wang H

A High Salt Diet Modulates the Gut Microbiota and Short Chain Fatty Acids Production in a Salt-Sensitive Hypertension Rat Model.

Nutrients , Volume: 10 Issue: 9 2018 Aug 23

Authors Bier A,Braun T,Khasbab R,Di Segni A,Grossman E,Haberman Y,Leibowitz A

Introducing insoluble wheat bran as a gut microbiota niche in an in vitro dynamic gut model stimulates propionate and butyrate production and induces colon region specific shifts in the luminal and mucosal microbial community.

Environmental microbiology , Volume: 20 Issue: 9 2018 Sep

Authors De Paepe K,Verspreet J,Verbeke K,Raes J,Courtin CM,Van de Wiele T

Modulation of gut microbiota from obese individuals by in vitro fermentation of citrus pectin in combination with Bifidobacterium longum BB-46.

Applied microbiology and biotechnology , Volume: 102 Issue: 20 2018 Oct

Authors Bianchi F,Larsen N,de Mello Tieghi T,Adorno MAT,Kot W,Saad SMI,Jespersen L,Sivieri K

Effects of Turmeric and Curcumin Dietary Supplementation on Human Gut Microbiota: A Double-Blind, Randomized, Placebo-Controlled Pilot Study.

Journal of evidence-based integrative medicine , Volume: 23 2018 Jan-Dec

Authors Peterson CT,Vaughn AR,Sharma V,Chopra D,Mills PJ,Peterson SN,Sivamani RK

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

Lactobacillus plantarum LC27 and Bifidobacterium longum LC67 mitigate alcoholic steatosis in mice by inhibiting LPS-mediated NF- κ B activation through restoration of the disturbed gut microbiota.

Food & function , Volume: 9 Issue: 8 2018 Aug 15

Authors Kim WG,Kim HI,Kwon EK,Han MJ,Kim DH

Modulation of gut microbiota by mulberry fruit polysaccharide treatment of obese diabetic db/db mice.

Food & function , Volume: 9 Issue: 7 2018 Jul 17

Authors Chen C,You LJ,Huang Q,Fu X,Zhang B,Liu RH,Li C

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, Vigilis 101, on gastric mucosa and intestinal bacterial flora in rats.

Journal of microbiology, immunology, and infection = Wei mian yu gan ran za zhi , 2018 Jun 23

Authors Kao L,Liu TH,Tsai TY,Pan TM

Effects of garlic polysaccharide on alcoholic liver fibrosis and intestinal microflora in mice.

Pharmaceutical biology , Volume: 56 Issue: 1 2018 Dec

Authors Wang Y,Guan M,Zhao X,Li X

Maternal Soluble Fiber Diet during Pregnancy Changes the Intestinal Microbiota, Improves Growth Performance, and Reduces Intestinal Permeability in Piglets.

Applied and environmental microbiology , Volume: 84 Issue: 17 2018 Sep 1

Authors Cheng C,Wei H,Xu C,Xie X,Jiang S,Peng J

Composition and metabolism of fecal microbiota from normal and overweight children are differentially affected by melibiose, raffinose and raffinose-derived fructans.

Anaerobe , Volume: 52 2018 Aug

Authors Adamberg K,Adamberg S,Ernits K,Larionova A,Voor T,Jaagura M,Visnapuu T,Alamäe T

Anti-inflammatory and antibacterial evaluation of Thymus sipyleus Boiss. subsp. sipyleus var. sipyleus essential oil against rhinosinusitis pathogens.

Microbial pathogenesis , Volume: 122 2018 Sep

Authors Demirci F,Karaca N,Tekin M,Demirci B

Effect of *Lactobacillus paracasei* CNCM I-1572 on symptoms, gut microbiota, short chain fatty acids, and immune activation in patients with irritable bowel syndrome: A pilot randomized clinical trial.

United European gastroenterology journal , Volume: 6 Issue: 4 2018 May

Authors Cremon C,Guglielmetti S,Gargari G,Taverniti V,Castellazzi AM,Valsecchi C,Tagliacarne C,Fiore W,Bellini M,Bertani L,Gambaccini D,Cicala M,Germanà B,Vecchi M,Pagano I,Barbaro MR,Bellacosa L,Stanghellini V,Barbara G

Role of probiotics in the treatment of minimal hepatic encephalopathy in patients with HBV-induced liver cirrhosis.

The Journal of international medical research , Volume: 46 Issue: 9 2018 Sep

Authors Xia X,Chen J,Xia J,Wang B,Liu H,Yang L,Wang Y,Ling Z

Characterization and prebiotic activity in vitro of inulin-type fructan from *Codonopsis pilosula* roots.

Carbohydrate polymers , Volume: 193 2018 Aug 1

Authors Fu YP,Li LX,Zhang BZ,Paulsen BS,Yin ZQ,Huang C,Feng B,Chen XF,Jia RR,Song X,Ni XQ,Jing B,Wu FM,Zou YF

Microbial Community Analysis of Sauerkraut Fermentation Reveals a Stable and Rapidly Established Community.

Foods (Basel, Switzerland) , Volume: 7 Issue: 5 2018 May 12

Authors Zabat MA,Sano WH,Wurster JI,Cabral DJ,Belenky P

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,Korzenkov AA,Samarov NI,Shevchenko MA,Tepluk AV,Alexeev DG

Response of Gut Microbiota to Metabolite Changes Induced by Endurance Exercise.

Frontiers in microbiology , Volume: 9 2018

Authors Zhao X,Zhang Z,Hu B,Huang W,Yuan C,Zou L

Walnut Consumption Alters the Gastrointestinal Microbiota, Microbially Derived Secondary Bile Acids, and Health Markers in Healthy Adults: A Randomized Controlled Trial.

The Journal of nutrition , Volume: 148 Issue: 6 2018 Jun 1

Authors Holscher HD,Guetterman HM,Swanson KS,An R,Matthan NR,Lichtenstein AH,Novotny JA,Baer DJ

Screening and characterization of selected drugs having antibacterial potential.

Pakistan journal of pharmaceutical sciences , Volume: 31 Issue: 3 2018 May

Authors Javed H,Tabassum S,Erum S,Murtaza I,Muhammad A,Amin F,Nisar MF

Effects of the Brown Seaweed *Laminaria japonica* Supplementation on Serum Concentrations of IgG, Triglycerides, and Cholesterol, and Intestinal Microbiota Composition in Rats.

Frontiers in nutrition , Volume: 5 2018

Authors Kim JY,Kwon YM,Kim IS,Kim JA,Yu DY,Adhikari B,Lee SS,Choi IS,Cho KK

Modifications in gut microbiota and fermentation metabolites in the hindgut of rats after the consumption of galactooligosaccharide glycated with a fish peptide.

Food & function , Volume: 9 Issue: 5 2018 May 1

Authors Jin W,Han K,Dong S,Yang Y,Mao Z,Su M,Zeng M

The Endotoxemia Marker Lipopolysaccharide-Binding Protein is Reduced in Overweight-Obese Subjects Consuming Pomegranate Extract by Modulating the Gut Microbiota: A Randomized Clinical Trial.

Molecular nutrition & food research , 2018 Apr 17

Authors González-Sarriás A,Romo-Vaquero M,García-Villalba R,Cortés-Martín A,Selma MV,Espín JC

Smoking and the intestinal microbiome.

Archives of microbiology , Volume: 200 Issue: 5 2018 Jul

Authors Savin Z,Kivity S,Yonath H,Yehuda S

Effect of lactulose intervention on gut microbiota and short chain fatty acid composition of C57BL/6J mice.

MicrobiologyOpen , Volume: 7 Issue: 6 2018 Dec

Authors Zhai S,Zhu L,Qin S,Li L

Lactobacillus plantarum MTCC 9510 supplementation protects from chronic unpredictable and sleep deprivation-induced behaviour, biochemical and selected gut microbial aberrations in mice.

Journal of applied microbiology , Volume: 125 Issue: 1 2018 Jul

Authors Dhaliwal J,Singh DP,Singh S,Pinnaka AK,Boparai RK,Bishnoi M,Kondepudi KK,Chopra K

High salt diet exacerbates colitis in mice by decreasing *Lactobacillus* levels and butyrate production.

Microbiome , Volume: 6 Issue: 1 2018 Mar 22

Authors Miranda PM,De Palma G,Serkis V,Lu J,Louis-Auguste MP,McCarville JL,Verdu EF,Collins SM,Bercik P

Effects of dietary *Bacillus amyloliquefaciens* supplementation on growth performance, intestinal morphology, inflammatory response, and microbiota of intra-uterine growth retarded weanling piglets.

Journal of animal science and biotechnology , Volume: 9 2018

Authors Li Y,Zhang H,Su W,Ying Z,Chen Y,Zhang L,Lu Z,Wang T

Oral supplementation of Bifidobacterium longum strain BR-108 alters cecal microbiota by stimulating gut immune system in mice irrespectively of viability.

Bioscience, biotechnology, and biochemistry , Volume: 82 Issue: 7 2018 Jul

Authors Makioka Y,Tsukahara T,Ijichi T,Inoue R

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

Multidrug-resistant gram-negative bacterial infections in a teaching hospital in Ghana.

Antimicrobial resistance and infection control , Volume: 7 2018

Authors Agyepong N,Govinden U,Owusu-Ofori A,Essack SY

Whole Tibetan Hull-Less Barley Exhibit Stronger Effect on Promoting Growth of Genus Bifidobacterium than Refined Barley In Vitro.

Journal of food science , Volume: 83 Issue: 4 2018 Apr

Authors Gong L,Cao W,Gao J,Wang J,Zhang H,Sun B,Yin M

Combination of essential oil and ciprofloxacin to inhibit/eradicate biofilms in multidrug-resistant Klebsiella pneumoniae.

Journal of applied microbiology , Volume: 125 Issue: 1 2018 Jul

Authors Mohamed SH,Mohamed MSM,Khalil MS,Azmy M,Mabrouk MI

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

Blueberry Supplementation Influences the Gut Microbiota, Inflammation, and Insulin Resistance in High-Fat-Diet-Fed Rats.

The Journal of nutrition , Volume: 148 Issue: 2 2018 Feb 1

Authors Lee S,Keirsey KI,Kirkland R,Grunewald ZI,Fischer JG,de La Serre CB

Tartary buckwheat protein prevented dyslipidemia in high-fat diet-fed mice associated with gut microbiota changes.

Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association , 2018 Feb 23

Authors Zhou XL,Yan BB,Xiao Y,Zhou YM,Liu TY

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

Potential of Lactobacillus plantarum ZDY2013 and Bifidobacterium bifidum WBIN03 in relieving colitis by gut microbiota, immune, and anti-oxidative stress.

Canadian journal of microbiology , 2018 Feb 5

Authors Wang Y,Guo Y,Chen H,Wei H,Wan C

Effects of Blackcurrant and Dietary Fibers on Large Intestinal Health Biomarkers in Rats.

Plant foods for human nutrition (Dordrecht, Netherlands) , Volume: 73 Issue: 1 2018 Mar

Authors Paturi G,Butts CA,Monro JA,Hedderley D

Effects of dietary fiber levels on cecal microbiota composition in geese.

Asian-Australasian journal of animal sciences , Volume: 31 Issue: 8 2018 Aug

Authors Li Y,Yang H,Xu L,Wang Z,Zhao Y,Chen X

[Assessment of the impact of vitamin and dietary fiber content in the diet on the characteristics of protective colon microbiota populations of rats].

Voprosy pitaniia , Volume: 84 Issue: 6 2015

Authors Markova YM,Sheveleva SA

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

The influence of long-term use of proton pump inhibitors on the gut microbiota: an age-sex-matched case-control study.

Journal of clinical biochemistry and nutrition , Volume: 62 Issue: 1 2018 Jan

Authors Takagi T,Naito Y,Inoue R,Kashiwagi S,Uchiyama K,Mizushima K,Tsuchiya S,Okayama T,Dohi O,Yoshida N,Kamada

K,Ishikawa T,Handa O,Konishi H,Okuda K,Tsujimoto Y,Ohnogi H,Itoh Y

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

Rhubarb Supplementation Promotes Intestinal Mucosal Innate Immune Homeostasis through Modulating Intestinal Epithelial Microbiota in Goat Kids.

Journal of agricultural and food chemistry , Volume: 66 Issue: 4 2018 Jan 31

Authors Jiao J,Wu J,Wang M,Zhou C,Zhong R,Tan Z

Effect of dark sweet cherry powder consumption on the gut microbiota, short-chain fatty acids, and biomarkers of gut health in obese db/db mice.

PeerJ , Volume: 6 2018

Authors Garcia-Mazcorro JF,Lage NN,Mertens-Talcott S,Talcott S,Chew B,Dowd SE,Kawas JR,Noratto GD

Rifaximin ameliorates hepatic encephalopathy and endotoxemia without affecting the gut microbiome diversity.

World journal of gastroenterology , Volume: 23 Issue: 47 2017 Dec 21

Authors Kaji K,Takaya H,Saikawa S,Furukawa M,Sato S,Kawaratani H,Kitade M,Moriya K,Namisaki T,Akahane T,Mitoto A,Yoshiji H

Habitual dietary fibre intake influences gut microbiota response to an inulin-type fructan prebiotic: a randomised, double-blind, placebo-controlled, cross-over, human intervention study.

The British journal of nutrition , Volume: 119 Issue: 2 2018 Jan

Authors Healey G,Murphy R,Butts C,Brough L,Whelan K,Coad J

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

In vitro fermentation of copra meal hydrolysate by chicken microbiota.

3 Biotech , Volume: 8 Issue: 1 2018 Jan

Authors Prayoonthien P,Nitisinprasert S,Keawsompong S

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

Update of incidence and antimicrobial susceptibility trends of Escherichia coli and Klebsiella pneumoniae isolates from Chinese intra-abdominal infection patients.

BMC infectious diseases , Volume: 17 Issue: 1 2017 Dec 18

Authors Zhang H,Yang Q,Liao K,Ni Y,Yu Y,Hu B,Sun Z,Huang W,Wang Y,Wu A,Feng X,Luo Y,Chu Y,Chen S,Cao B,Su J,Duan Q,Zhang S,Shao H,Kong H,Gui B,Hu Z,Badal R,Xu Y

Persistence of Supplemented Bifidobacterium longum subsp. infantis EVC001 in Breastfed Infants.

mSphere , Volume: 2 Issue: 6 2017 Nov-Dec

Authors Frese SA,Hutton AA,Contreras LN,Shaw CA,Palumbo MC,Casaburi G,Xu G,Davis JCC,Lebrilla CB,Henrick BM,Freeman SL,Barile D,German JB,Mills DA,Smilowitz JT,Underwood MA

The Impact of Long-Term Intake of Phenolic Compounds-Rich Grape Pomace on Rat Gut Microbiota.

Journal of food science , Volume: 83 Issue: 1 2018 Jan

Authors Chacar S,Itani T,Hajal J,Saliba Y,Louka N,Faivre JF,Maroun R,Fares N

Systematic review: human gut dysbiosis induced by non-antibiotic prescription medications.

Alimentary pharmacology & therapeutics , Volume: 47 Issue: 3 2018 Feb

Authors Le Bastard Q,Al-Ghalith GA,Grégoire M,Chapelet G,Javaudin F,Dailly E,Batard E,Knights D,Montassier E

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

Genes and Gut Bacteria Involved in Luminal Butyrate Reduction Caused by Diet and Loperamide.

Genes , Volume: 8 Issue: 12 2017 Nov 28

Authors Hwang N,Eom T,Gupta SK,Jeong SY,Jeong DY,Kim YS,Lee JH,Sadowsky MJ,Unno T

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

Balancing Herbal Medicine and Functional Food for Prevention and Treatment of Cardiometabolic Diseases through Modulating Gut Microbiota.

Frontiers in microbiology , Volume: 8 2017

Authors Lyu M,Wang YF,Fan GW,Wang XY,Xu SY,Zhu Y

Exercise Alters Gut Microbiota Composition and Function in Lean and Obese Humans.

Medicine and science in sports and exercise , Volume: 50 Issue: 4 2018 Apr

Authors Allen JM,Mailing LJ,Niemiro GM,Moore R,Cook MD,White BA,Holscher HD,Woods JA

Camelina Seed Supplementation at Two Dietary Fat Levels Change Ruminal Bacterial Community Composition in a Dual-Flow Continuous Culture System.

Frontiers in microbiology , Volume: 8 2017

Authors Dai X,Weimer PJ,Dill-McFarland KA,Brandao VLN,Suen G,Faciola AP

Bolus Weekly Vitamin D3 Supplementation Impacts Gut and Airway Microbiota in Adults With Cystic Fibrosis: A Double-Blind, Randomized, Placebo-Controlled Clinical Trial.

The Journal of clinical endocrinology and metabolism , Volume: 103 Issue: 2 2018 Feb 1

Authors Kanhere M,He J,Chassaing B,Ziegler TR,Alvarez JA,Ivie EA,Hao L,Hanfelt J,Gewirtz AT,Tangpricha V

Extracts from Hericium erinaceus relieve inflammatory bowel disease by regulating immunity and gut microbiota.

Oncotarget , Volume: 8 Issue: 49 2017 Oct 17

Authors Diling C,Xin Y,Chaoqun Z,Jian Y,Xiaocui T,Jun C,Ou S,Yizhen X

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

An *in vitro* Comparative Evaluation of Efficacy of Disinfecting Ability of Garlic Oil, Neem Oil, Clove Oil, and Tulsi Oil with autoclaving on Endodontic K Files tested against *Enterococcus faecalis*.

International journal of clinical pediatric dentistry , Volume: 10 Issue: 3 2017 Jul-Sep

Authors Hugar S,M Patel P,Nagmoti J,Uppin C,Mistry L,Dhariwal N

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

Bifidobacterium longum BB536 alleviated upper respiratory illnesses and modulated gut microbiota profiles in Malaysian pre-school children.

Beneficial microbes , Volume: 9 Issue: 1 2018 Jan 29

Authors Lau AS,Yanagisawa N,Hor YY,Lew LC,Ong JS,Chuah LO,Lee YY,Choi SB,Rashid F,Wahid N,Sugahara H,Xiao JZ,Liong MT

Lactobacillus rhamnosus L34 Attenuates Gut Translocation-Induced Bacterial Sepsis in Murine Models of Leaky Gut.

Infection and immunity , Volume: 86 Issue: 1 2018 Jan

Authors Panpetch W,Chanchaoentana W,Bootdee K,Nilgate S,Finkelman M,Tumwasorn S,Leelahavanichkul A

High-Salt Diet Has a Certain Impact on Protein Digestion and Gut Microbiota: A Sequencing and Proteome Combined Study.

Frontiers in microbiology , Volume: 8 2017

Authors Wang C,Huang Z,Yu K,Ding R,Ye K,Dai C,Xu X,Zhou G,Li C

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

Prebiotic potential of pectin and pectic oligosaccharides to promote anti-inflammatory commensal bacteria in the human colon.

FEMS microbiology ecology , Volume: 93 Issue: 11 2017 Nov 1

Authors Chung WSF,Meijerink M,Zeuner B,Holck J,Louis P,Meyer AS,Wells JM,Flint HJ,Duncan SH

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 Ruminal 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

Effect of Functional Oligosaccharides and Ordinary Dietary Fiber on Intestinal Microbiota Diversity.

Frontiers in microbiology , Volume: 8 2017

Authors Cheng W,Lu J,Li B,Lin W,Zhang Z,Wei X,Sun C,Chi M,Bi W,Yang B,Jiang A,Yuan J

Dietary soy, meat, and fish proteins modulate the effects of prebiotic raffinose on composition and fermentation of gut microbiota in rats.

International journal of food sciences and nutrition , Volume: 69 Issue: 4 2018 Jun

Authors Bai G,Tsuruta T,Nishino N

Whole-Grain Starch and Fiber Composition Modifies Ileal Flow of Nutrients and Nutrient Availability in the Hindgut, Shifting Fecal Microbial Profiles in Pigs.

The Journal of nutrition , Volume: 147 Issue: 11 2017 Nov

Authors Foubse JM,Gänzle MG,Beattie AD,Vasanthan T,Zijlstra RT

Fructooligosaccharide (FOS) and Galactooligosaccharide (GOS) Increase Bifidobacterium but Reduce Butyrate Producing Bacteria with Adverse Glycemic Metabolism in healthy young population.

Scientific reports , Volume: 7 Issue: 1 2017 Sep 18

Authors Liu F,Li P,Chen M,Luo Y,Prabhakar M,Zheng H,He Y,Qi Q,Long H,Zhang Y,Sheng H,Zhou H

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

Bifidobacteria exert species-specific effects on constipation in BALB/c mice.

Food & function , Volume: 8 Issue: 10 2017 Oct 18

Authors Wang L,Hu L,Xu Q,Jiang T,Fang S,Wang G,Zhao J,Zhang H,Chen W

Reduced obesity, diabetes, and steatosis upon cinnamon and grape pomace are associated with changes in gut microbiota and markers of gut barrier.

American journal of physiology. Endocrinology and metabolism , Volume: 314 Issue: 4 2018 Apr 1

Authors Van Hul M,Geurts L,Plovier H,Druart C,Everard A,Ståhlman M,Rhimi M,Chira K,Teissedre PL,Delzenne NM,Maguin E,Guilbot A,Brochot A,Gérard P,Bäckhed F,Cani PD

Effect of Probiotic Lactobacilli on the Growth of Streptococcus Mutans and Multispecies Biofilms Isolated from Children with Active Caries.

Medical science monitor : international medical journal of experimental and clinical research , Volume: 23 2017 Aug 30

Authors Lin X,Chen X,Tu Y,Wang S,Chen H

Lactobacillus plantarum LP-Only alters the gut flora and attenuates colitis by inducing microbiome alteration in interleukin-10 knockout mice.

Molecular medicine reports , Volume: 16 Issue: 5 2017 Nov

Authors Chen H,Xia Y,Zhu S,Yang J,Yao J,Di J,Liang Y,Gao R,Wu W,Yang Y,Shi C,Hu D,Qin H,Wang Z

Bifidobacterium pseudocatenulatum LI09 and Bifidobacterium catenulatum LI10 attenuate D-galactosamine-induced liver injury by modifying the gut microbiota

Scientific Reports , Volume: 7 2017 Aug 18

Authors Fang D,Shi D,Lv L,Gu S,Wu W,Chen Y,Guo J,Li A,Hu X,Guo F,Ye J,Li Y,Li L

Regulative effects of curcumin spice administration on gut microbiota and its pharmacological implications.

Food & nutrition research , Volume: 61 Issue: 1 2017

Authors Shen L,Liu L, Ji HF

Effects of One-Week Empirical Antibiotic Therapy on the Early Development of Gut Microbiota and Metabolites in Preterm Infants

Scientific Reports , Volume: 7 2017 Aug 14

Authors Zhu D,Xiao S,Yu J,Ai Q,He Y,Cheng C,Zhang Y,Pan Y

Dietary Propolis Ameliorates Dextran Sulfate Sodium-Induced Colitis and Modulates the Gut Microbiota in Rats Fed a Western Diet.

Nutrients , Volume: 9 Issue: 8 2017 Aug 14

Authors Wang K,Jin X,You M,Tian W,Le Leu RK,Topping DL,Conlon MA,Wu L,Hu F

Changes in the gut microbial communities following addition of walnuts to the diet.

The Journal of nutritional biochemistry , Volume: 48 2017 Oct

Authors Byerley LO,Samuelson D,Blanchard E 4th,Luo M,Lorenzen BN,Banks S,Ponder MA,Welsh DA,Taylor CM

Lactobacillus casei CCFM419 attenuates type 2 diabetes via a gut microbiota dependent mechanism.

Food & function , Volume: 8 Issue: 9 2017 Sep 20

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

Disruption in the cecal microbiota of chickens challenged with Clostridium perfringens and other factors was alleviated by Bacillus licheniformis supplementation.

PloS one , Volume: 12 Issue: 8 2017

Authors Lin Y,Xu S,Zeng D,Ni X,Zhou M,Zeng Y,Wang H,Zhou Y,Zhu H,Pan K,Li G

Microbiota, metabolome, and immune alterations in obese mice fed a high-fat diet containing type 2 resistant starch.

Molecular nutrition & food research , Volume: 61 Issue: 11 2017 Nov

Authors Barouei J,Bendiks Z,Martinic A,Mishchuk D,Heeney D,Hsieh YH,Kieffer D,Zaragoza J,Martin R,Slupsky C,Marco ML

Specific Signatures of the Gut Microbiota and Increased Levels of Butyrate in Children Treated with Fermented Cow's Milk Containing Heat-Killed Lactobacillus paracasei CBA L74.

Applied and environmental microbiology , Volume: 83 Issue: 19 2017 Oct 1

Authors Berni Canani R,De Filippis F,Nocerino R,Laiola M,Paparo L,Calignano A,De Caro C,Coretti L,Chiariotti L,Gilbert JA,Ercolini D

Dose-Dependent Prebiotic Effect of Lactulose in a Computer-Controlled In Vitro Model of the Human Large Intestine.

Nutrients , Volume: 9 Issue: 7 2017 Jul 18

Authors Bothe MK,Maathuis AJH,Bellmann S,van der Vossen JMBM,Berressem D,Koehler A,Schwejda-Guettes S,Gaigg B,Kuchinka-Koch A,Stover JF

Black Raspberries and Their Anthocyanin and Fiber Fractions Alter the Composition and Diversity of Gut Microbiota in F-344 Rats.

Nutrition and cancer , Volume: 69 Issue: 6 2017 Aug-Sep

Authors Pan P,Lam V,Salzman N,Huang YW,Yu J,Zhang J,Wang LS

Immunomodulatory Activities of a Fungal Protein Extracted from Hericium erinaceus through Regulating the Gut Microbiota.

Frontiers in immunology , Volume: 8 2017

Authors Diling C,Chaoqun Z,Jian Y,Jian L,Jiyan S,Yizhen X,Guoxiao L

Prebiotic Potential and Chemical Composition of Seven Culinary Spice Extracts.

Journal of food science , Volume: 82 Issue: 8 2017 Aug

Authors Lu QY,Summanen PH,Lee RP,Huang J,Henning SM,Heber D,Finegold SM,Li Z

Monitoring *in vitro* antibacterial efficacy of 26 Indian spices against multidrug resistant urinary tract infecting bacteria.

Integrative medicine research , Volume: 3 Issue: 3 2014 Sep

Authors Rath S,Padhy RN

Lactobacillus johnsonii N6.2 Modulates the Host Immune Responses: A Double-Blind, Randomized Trial in Healthy Adults.

Frontiers in immunology , Volume: 8 2017

Authors Marcial GE,Ford AL,Haller MJ,Gezan SA,Harrison NA,Cai D,Meyer JL,Perry DJ,Atkinson MA,Wasserfall CH,Garrett T,Gonzalez CF,Brusko TM,Dahl WJ,Lorca GL

Live Probiotic Lactobacillus johnsonii BS15 Promotes Growth Performance and Lowers Fat Deposition by Improving Lipid Metabolism, Intestinal Development, and Gut Microflora in Broilers.

Frontiers in microbiology , Volume: 8 2017

Authors Wang H,Ni X,Qing X,Zeng D,Luo M,Liu L,Li G,Pan K,Jing B

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

Inter-individual differences determine the outcome of wheat bran colonization by the human gut microbiome.

Environmental microbiology , Volume: 19 Issue: 8 2017 Aug

Authors De Paepe K,Kerckhof FM,Verspreet J,Courtin CM,Van de Wiele T

The impact of fruit and soybean by-products and amaranth on the growth of probiotic and starter microorganisms.

Food research international (Ottawa, Ont.) , Volume: 97 2017 Jul

Authors Vieira ADS,Bedani R,Albuquerque MAC,Biscola V,Saad SMI

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

Gut Microbiota Mediates the Protective Effects of Dietary Capsaicin against Chronic Low-Grade Inflammation and Associated Obesity Induced by High-Fat Diet.

mBio , Volume: 8 Issue: 3 2017 May 23

Authors Kang C,Wang B,Kaliannan K,Wang X,Lang H,Hui S,Huang L,Zhang Y,Zhou M,Chen M,Mi M

[Health benefit of vegetable/fruit juice-based diet: Role of microbiome](#)

Scientific Reports , Volume: 7 2017 May 19

Authors Henning SM,Yang J,Shao P,Lee RP,Huang J,Ly A,Hsu M,Lu QY,Thames G,Heber D,Li Z

[Effect of *Lactobacillus rhamnosus* HN001 and *Bifidobacterium longum* BB536 on the healthy gut microbiota composition at phyla and species level: A preliminary study.](#)

World journal of gastroenterology , Volume: 23 Issue: 15 2017 Apr 21

Authors Toscano M,De Grandi R,Stronati L,De Vecchi E,Drago L

[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 *Bacillus subtilis* and *Bacillus licheniformis* supplementation in diets with low- and high-protein content on ileal crude protein and amino acid digestibility and intestinal microbiota composition of growing pigs.](#)

Journal of animal science and biotechnology , Volume: 8 2017

Authors Kaewtapee C,Burbach K,Tomforde G,Hartinger T,Camarinha-Silva A,Heinritz S,Seifert J,Wiltafsky M,Mosenthin R,Rosenfelder-Kuon P

[Effect of a probiotic beverage consumption \(*Enterococcus faecium* CRL 183 and *Bifidobacterium longum* ATCC 15707\) in rats with chemically induced colitis.](#)

PloS one , Volume: 12 Issue: 4 2017

Authors Celiberto LS,Bedani R,Dejani NN,Ivo de Medeiros A,Sampaio Zuanon JA,Spolidorio LC,Tallarico Adorno MA,Amâncio Varesche MB,Carrilho Galvão F,Valentini SR,Font de Valdez G,Rossi EA,Cavallini DCU

[Influence of diet on the gut microbiome and implications for human health.](#)

Journal of translational medicine , Volume: 15 Issue: 1 2017 Apr 8

Authors Singh RK,Chang HW,Yan D,Lee KM,Ucmak D,Wong K,Abrouk M,Farahnik B,Nakamura M,Zhu TH,Bhutani T,Liao W

[Energy-dense diet triggers changes in gut microbiota, reorganization of gut-brain vagal communication and increases body fat accumulation](#)

Acta neurobiologiae experimentalis , Volume: 77 Issue: 1 2017

Authors Vaughn AC,Cooper EM,Di Lorenzo PM,O'Loughlin LJ,Konkel ME,Peters JH,Hajnal A,Sen T,Lee SH,de La Serre CB,Czaja K

[Carbohydrate Staple Food Modulates Gut Microbiota of Mongolians in China.](#)

Frontiers in microbiology , Volume: 8 2017

Authors Li J,Hou Q,Zhang J,Xu H,Sun Z,Menghe B,Zhang H

[Good Bugs vs Bad Bugs: Evaluation of Inhibitory Effect of Selected Probiotics against *Enterococcus faecalis*.](#)

The journal of contemporary dental practice , Volume: 18 Issue: 4 2017 Apr 1

Authors Bohora AA,Kokate SR

[Changes in intestinal microbiota composition and metabolism coincide with increased intestinal permeability in young adults under prolonged physiological stress.](#)

American journal of physiology. Gastrointestinal and liver physiology , Volume: 312 Issue: 6 2017 Jun 1

Authors Karl JP,Margolis LM,Madslien EH,Murphy NE,Castellani JW,Gundersen Y,Hoke AV,Levangie MW,Kumar R,Chakraborty N,Gautam A,Hammamieh R,Martini S,Montain SJ,Pasiakos SM

[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

[Gut microbiota interactions with the immunomodulatory role of vitamin D in normal individuals.](#)

Metabolism: clinical and experimental , Volume: 69 2017 Apr

Authors Luthold RV,Fernandes GR,Franco-de-Moraes AC,Folchetti LG,Ferreira SR

[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,Macleane P,Thomas DG,Cave NJ,Young W

[Impact of Westernized Diet on Gut Microbiota in Children on Leyte Island.](#)

Frontiers in microbiology , Volume: 8 2017

Authors Nakayama J,Yamamoto A,Palermo-Conde LA,Higashi K,Sonomoto K,Tan J,Lee YK

Raw meat based diet influences faecal microbiome and end products of fermentation in healthy dogs.

BMC veterinary research , Volume: 13 Issue: 1 2017 Feb 28

Authors Sandri M,Dal Monego S,Conte G,Sgorlon S,Stefanon B

Apple Polysaccharide inhibits microbial dysbiosis and chronic inflammation and modulates gut permeability in HFD-fed rats.

International journal of biological macromolecules , Volume: 99 2017 Jun

Authors Wang S,Li Q,Zang Y,Zhao Y,Liu N,Wang Y,Xu X,Liu L,Mei Q

Changes in Metabolically Active Bacterial Community during Rumen Development, and Their Alteration by Rhubarb Root Powder Revealed by 16S rRNA Amplicon Sequencing.

Frontiers in microbiology , Volume: 8 2017

Authors Wang Z,Elkwachi C,Jiao J,Wang M,Tang S,Zhou C,Tan Z,Forster RJ

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

The Fungal Mycobiome and Its Interaction with Gut Bacteria in the Host.

International journal of molecular sciences , Volume: 18 Issue: 2 2017 Feb 4

Authors Sam QH,Chang MW,Chai LY

Drunk bugs: Chronic vapour alcohol exposure induces marked changes in the gut microbiome in mice.

Behavioural brain research , Volume: 323 2017 Apr 14

Authors Peterson VL,Jury NJ,Cabrera-Rubio R,Draper LA,Crispie F,Cotter PD,Dinan TG,Holmes A,Cryan JF

Characterization of faecal microbial communities of dairy cows fed diets containing ensiled Moringa oleifera fodder.

Scientific reports , Volume: 7 2017 Jan 30

Authors Sun J,Zeng B,Chen Z,Yan S,Huang W,Sun B,He Q,Chen X,Chen T,Jiang Q,Xi Q,Zhang Y

Etiologies of community-onset urinary tract infections requiring hospitalization and antimicrobial susceptibilities of causative microorganisms.

Journal of microbiology, immunology, and infection = Wei mian yu gan ran za zhi , Volume: 50 Issue: 6 2017 Dec

Authors Chiu CC,Lin TC,Wu RX,Yang YS,Hsiao PJ,Lee Y,Lin JC,Chang FY

Impact of short-chain galactooligosaccharides on the gut microbiome of lactose-intolerant individuals.

Proceedings of the National Academy of Sciences of the United States of America , Volume: 114 Issue: 3 2017 Jan 17

Authors Azcarate-Peril MA,Ritter AJ,Savaiano D,Monteagudo-Mera A,Anderson C,Magness ST,Klaenhammer TR

Prospective randomized controlled study on the effects of Saccharomyces boulardii CNCM I-745 and amoxicillin-clavulanate or the combination on the gut microbiota of healthy volunteers.

Gut microbes , Volume: 8 Issue: 1 2017 Jan 2

Authors Kabbani TA,Pallav K,Dowd SE,Villafuerte-Galvez J,Vanga RR,Castillo NE,Hansen J,Dennis M,Leffler DA,Kelly CP

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,Soltys CM,Hamza SM,Byrne NJ,Masson G,Park H,Wishart DS,Madsen KL,Schertzer JD,Dyck JR

Clinical characteristics and antimicrobial susceptibilities of anaerobic bacteremia in an acute care hospital.

Anaerobe , Volume: 43 2017 Feb

Authors Tan TY,Ng LS,Kwang LL,Rao S,Eng LC

Hypocholesterolemic and Prebiotic Effects of a Whole-Grain Oat-Based Granola Breakfast Cereal in a Cardio-Metabolic "At Risk" Population.

Frontiers in microbiology , Volume: 7 2016

Authors Connolly ML,Tzounis X,Tuohy KM,Lovegrove JA

Prebiotic potential of L-sorbose and xylitol in promoting the growth and metabolic activity of specific butyrate-producing bacteria in human fecal culture.

FEMS microbiology ecology , Volume: 93 Issue: 1 2017 Jan

Authors Sato T,Kusuhara S,Yokoi W,Ito M,Miyazaki K

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

Efficacy of Aqueous and Methanolic Extracts of Rheum Spiciformis against Pathogenic Bacterial and Fungal Strains.

Journal of clinical and diagnostic research : JCDR , Volume: 10 Issue: 9 2016 Sep

Authors Dar KB,Bhat AH,Amin S,Anees S,Masood A,Zargar MI,Ganie SA

Assessment of the prebiotic effect of quinoa and amaranth in the human intestinal ecosystem.

Food & function , Volume: 7 Issue: 9 2016 Sep 14

Authors Gullón B,Gullón P,Tavaria FK,Yáñez R

Dairy and plant based food intakes are associated with altered faecal microbiota in 2 to 3 year old Australian children.

Scientific reports , Volume: 6 2016 Oct 3

Authors Smith-Brown P,Morrison M,Krause L,Davies PS

Healthy Subjects Differentially Respond to Dietary Capsaicin Correlating with Specific Gut Enterotypes.

The Journal of clinical endocrinology and metabolism , Volume: 101 Issue: 12 2016 Dec

Authors Kang C,Zhang Y,Zhu X,Liu K,Wang X,Chen M,Wang J,Chen H,Hui S,Huang L,Zhang Q,Zhu J,Wang B,Mi M

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,Novae AB Jr,Messora MR

Draft Genome Sequence of Klebsiella pneumoniae Strain AS Isolated from Zhejiang Provincial Hospital of TCM, China.

Genome announcements , Volume: 4 Issue: 5 2016 Sep 22

Authors Yang XJ,Wang S,Cao JM,Hou JH

Effects of different diets on intestinal microbiota and nonalcoholic fatty liver disease development.

World journal of gastroenterology , Volume: 22 Issue: 32 2016 Aug 28

Authors Liu JP,Zou WL,Chen SJ,Wei HY,Yin YN,Zou YY,Lu FG

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

Chronic rhein treatment improves recognition memory in high-fat diet-induced obese male mice.

The Journal of nutritional biochemistry , Volume: 36 2016 Oct

Authors Wang S,Huang XF,Zhang P,Wang H,Zhang Q,Yu S,Yu Y

Dietary Casein and Soy Protein Isolate Modulate the Effects of Raffinose and Fructooligosaccharides on the Composition and Fermentation of Gut Microbiota in Rats.

Journal of food science , Volume: 81 Issue: 8 2016 Aug

Authors Bai G,Ni K,Tsuruta T,Nishino N

In vitro antimicrobial activity of five essential oils on multidrug resistant Gram-negative clinical isolates.

Journal of intercultural ethnopharmacology , Volume: 5 Issue: 3 2016 Jun-Aug

Authors Sakkas H,Gousia P,Economou V,Sakkas V,Petsios S,Papadopoulou C

Short communication: Modulation of the small intestinal microbial community composition over short-term or long-term administration with Lactobacillus plantarum ZDY2013.

Journal of dairy science , Volume: 99 Issue: 9 2016 Sep

Authors Xie Q,Pan M,Huang R,Tian X,Tao X,Shah NP,Wei H,Wan C

In vitro fermentation of sulfated polysaccharides from E. prolifera and L. japonica by human fecal microbiota.

International journal of biological macromolecules , Volume: 91 2016 Oct

Authors Kong Q,Dong S,Gao J,Jiang C

Microbiome-Metabolome Responses in the Cecum and Colon of Pig to a High Resistant Starch Diet.

Frontiers in microbiology , Volume: 7 2016

Authors Sun Y,Su Y,Zhu W

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

Fermentation of purple Jerusalem artichoke extract to improve the α-glucosidase inhibitory effect in vitro and ameliorate

[blood glucose in db/db mice.](#)

Nutrition research and practice , Volume: 10 Issue: 3 2016 Jun

Authors Wang Z,Hwang SH, Lee SY, Lim SS

[Obese ZDF rats fermented resistant starch with effects on gut microbiota but no reduction in abdominal fat.](#)

Molecular nutrition & food research , Volume: 61 Issue: 1 2017 Jan

Authors Goldsmith F, Guice J, Page R, Welsh DA, Taylor CM, Blanchard EE, Luo M, Raggio AM, Stout RW, Carvajal-Aldaz D, Gaither A, Pelkman C, Ye J, Martin RJ, Geaghan J, Durham HA, Coulon D, Keenan MJ

[A Pathogen-Selective Antibiotic Minimizes Disturbance to the Microbiome.](#)

Antimicrobial agents and chemotherapy , Volume: 60 Issue: 7 2016 Jul

Authors Yao J, Carter RA, Vuagniaux G, Barbier M, Rosch JW, Rock CO

[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, Moscati 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 Dietary Starch Source and Concentration on Equine Fecal Microbiota.](#)

PloS one , Volume: 11 Issue: 4 2016

Authors Harlow BE, Lawrence LM, Hayes SH, Crum A, Flythe MD

[Lingonberries alter the gut microbiota and prevent low-grade inflammation in high-fat diet fed mice.](#)

Food & nutrition research , Volume: 60 2016

Authors Heyman-Lindén L, Kotowska D, Sand E, Bjursell M, Plaza M, Turner C, Holm C, Fåk F, Berger K

[Inflammasome signaling affects anxiety- and depressive-like behavior and gut microbiome composition.](#)

Molecular psychiatry , Volume: 21 Issue: 6 2016 Jun

Authors Wong ML, Inserra A, Lewis MD, Mastronardi CA, Leong L, Choo J, Kentish S, Xie P, Morrison M, Wesselingh SL, Rogers GB, Licinio J

[Gas chromatography coupled with mass spectrometric characterization of Curcuma longa: Protection against pathogenic microbes and lipid peroxidation in rat`s tissue homogenate.](#)

Pakistan journal of pharmaceutical sciences , Volume: 29 Issue: 2 2016 Mar

Authors Hassan W, Gul S, Rehman S, Kanwal F, Afridi MS, Fazal H, Shah Z, Rahman A, da Rocha JB

[Intake of Meat Proteins Substantially Increased the Relative Abundance of Genus Lactobacillus in Rat Feces.](#)

PloS one , Volume: 11 Issue: 4 2016

Authors Zhu Y, Lin X, Li H, Li Y, Shi X, Zhao F, Xu X, Li C, Zhou G

[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

[Effect of Wheat Dietary Fiber Particle Size during Digestion In Vitro on Bile Acid, Faecal Bacteria and Short-Chain Fatty Acid Content.](#)

Plant foods for human nutrition (Dordrecht, Netherlands) , Volume: 71 Issue: 2 2016 Jun

Authors Dziedzic K, Szewcigiel A, Górecka D, Gujska E, Kaczowska J, Drozdzyńska A, Walkowiak J

[Effect of Saccharomyces boulardii and Mode of Delivery on the Early Development of the Gut Microbial Community in Preterm Infants.](#)

PloS one , Volume: 11 Issue: 2 2016

Authors Zeber-Lubecka N, Kulecka M, Ambroziewicz F, Paziewska A, Lechowicz M, Konopka E, Majewska U, Borszewska-Kornacka M, Mikula M, Cukrowska B, Ostrowski J

[Lactobacillus plantarum NCU116 attenuates cyclophosphamide-induced intestinal mucosal injury, metabolism and intestinal microbiota disorders in mice.](#)

Food & function , Volume: 7 Issue: 3 2016 Mar

Authors Xie JH, Fan ST, Nie SP, Yu Q, Xiong T, Gong D, Xie MY

[Manipulation of the gut microbiota using resistant starch is associated with protection against colitis-associated colorectal cancer in rats.](#)

Carcinogenesis , Volume: 37 Issue: 4 2016 Apr

Authors Hu Y, Le Leu RK, Christophersen CT, Somashekar R, Conlon MA, Meng XQ, Winter JM, Woodman RJ, McKinnon R, Young GP

High Molecular Weight Barley β -Glucan Alters Gut Microbiota Toward Reduced Cardiovascular Disease Risk.

Frontiers in microbiology , Volume: 7 2016

Authors Wang Y,Ames NP,Tun HM,Tosh SM,Jones PJ,Khafipour E

Lingonberries reduce atherosclerosis in Apoe(-/-) mice in association with altered gut microbiota composition and improved lipid profile.

Molecular nutrition & food research , Volume: 60 Issue: 5 2016 May

Authors Matziouridou C,Marunguang N,Nguyen TD,Nyman M,Fåk F

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

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

The Effects of Inulin on Characteristics of Lactobacillus paracasei TD3 (IBRC-M 10784) as Probiotic Bacteria in vitro.

Archives of Iranian medicine , Volume: 19 Issue: 2 2016 Feb

Authors Mahboubi M,Kazempour N

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

Modulation of the gut microbiota composition by rifaximin in non-constipated irritable bowel syndrome patients: a molecular approach

Clinical and Experimental Gastroenterology , Volume: 8 2015 Dec 4

Authors Soldi S,Vasileiadis S,Uggeri F,Campanale M,Morelli L,Fogli MV,Calanni F,Grimaldi M,Gasbarrini A

CHEMICAL COMPOSITION AND ANTIBACTERIAL ACTIVITY OF SOME MEDICINAL PLANTS FROM LAMIACEAE FAMILY.

Acta poloniae pharmaceutica , Volume: 72 Issue: 4 2015 Jul-Aug

Authors Kozłowska M,Laudy AE,Przybyl J,Ziarno M,Majewska E

Review article: the antimicrobial effects of rifaximin on the gut microbiota.

Alimentary pharmacology & therapeutics , Volume: 43 Suppl 1 2016 Jan

Authors DuPont HL

Red wine polyphenols modulate fecal microbiota and reduce markers of the metabolic syndrome in obese patients.

Food & function , Volume: 7 Issue: 4 2016 Apr

Authors Moreno-Indias I,Sánchez-Alcoholado L,Pérez-Martínez P,Andrés-Lacueva C,Cardona F,Tinahones F,Queipo-Ortuño MI

Effects of Supplemental Mannanligosaccharides on Growth Performance, Faecal Characteristics and Health in Dairy Calves.

Asian-Australasian journal of animal sciences , Volume: 28 Issue: 11 2015 Nov

Authors Kara C,Cihan H,Temizel M,Catik S,Meral Y,Orman A,Yibar A,Gencoglu H

Role of colonic microbiota in colorectal carcinogenesis: a systematic review.

Revista espanola de enfermedades digestivas , Volume: 107 Issue: 11 2015 Nov

Authors Borges-Canha M,Portela-Cidade JP,Dinis-Ribeiro M,Leite-Moreira AF,Pimentel-Nunes P

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

Meat, dairy and plant proteins alter bacterial composition of rat gut bacteria.

Scientific reports , Volume: 5 2015 Oct 14

Authors Zhu Y,Lin X,Zhao F,Shi X,Li H,Li Y,Zhu W,Xu X,Li C,Zhou G

[Brevibacillus laterosporus, a Pathogen of Invertebrates and a Broad-Spectrum Antimicrobial Species.](#)

Insects , Volume: 4 Issue: 3 2013 Sep 5

Authors Rui L

[Phenolic compounds from red wine and coffee are associated with specific intestinal microorganisms in allergic subjects.](#)

Food & function , Volume: 7 Issue: 1 2016 Jan

Authors Cuervo A,Hevia A,López P,Suárez A,Díaz C,Sánchez B,Margolles A,González S

[Enhanced butyrate formation by cross-feeding between Faecalibacterium prausnitzii and Bifidobacterium adolescentis.](#)

FEMS microbiology letters , Volume: 362 Issue: 21 2015 Nov

Authors Ríos-Covian D,Gueimonde M,Duncan SH,Flint HJ,de los Reyes-Gavilán CG

[Microbial populations and fermentation profiles in rumen liquid and solids of Holstein cows respond differently to dietary barley processing.](#)

Journal of applied microbiology , Volume: 119 Issue: 6 2015 Dec

Authors Metzler-Zebeli BU,Khol-Parisini A,Gruber L,Zebeli Q

[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

[Responses in colonic microbial community and gene expression of pigs to a long-term high resistant starch diet.](#)

Frontiers in microbiology , Volume: 6 2015

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

[High Amylose Starch with Low In Vitro Digestibility Stimulates Hindgut Fermentation and Has a Bifidogenic Effect in Weaned Pigs.](#)

The Journal of nutrition , Volume: 145 Issue: 11 2015 Nov

Authors Foulse JM,Gänzle MG,Regmi PR,van Kempen TA,Zijlstra RT

[Effects of pre-encapsulated and pro-encapsulated Enterococcus faecalis on growth performance, blood characteristics, and cecal microflora in broiler chickens.](#)

Poultry science , Volume: 94 Issue: 11 2015 Nov

Authors Zhang L,Li J,Yun TT,Qi WT,Liang XX,Wang YW,Li AK

[Candida albicans commensalism in the gastrointestinal tract.](#)

FEMS yeast research , Volume: 15 Issue: 7 2015 Nov

Authors Neville BA,d' Enfert C,Bougnoux ME

[The effect of dietary resistant starch type 2 on the microbiota and markers of gut inflammation in rural Malawi children.](#)

Microbiome , Volume: 3 2015 Sep 3

Authors Ordiz MI,May TD,Mihindukulasuriya K,Martin J,Crowley J,Tarr PI,Ryan K,Mortimer E,Gopalsamy G,Maleta K,Mitreva M,Young G,Manary MJ

[Saccharomyces boulardii CNCM I-745 supports regeneration of the intestinal microbiota after diarrheic dysbiosis - a review.](#)

Clinical and experimental gastroenterology , Volume: 8 2015

Authors Moré MI,Swidsinski A

[Antimicrobial activity and the presence of virulence factors and bacteriocin structural genes in Enterococcus faecium CM33 isolated from ewe colostrum.](#)

Frontiers in microbiology , Volume: 6 2015

Authors Nami Y,Haghshenas B,Haghshenas M,Yari Khosroushahi A

[Effect of starch source \(corn, oats or wheat\) and concentration on fermentation by equine faecal microbiota in vitro.](#)

Journal of applied microbiology , Volume: 119 Issue: 5 2015 Nov

Authors Harlow BE,Donley TM,Lawrence LM,Flythe MD

[In vitro 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

[The Role of Curcumin in Modulating Colonic Microbiota During Colitis and Colon Cancer Prevention.](#)

Inflammatory bowel diseases , Volume: 21 Issue: 11 2015 Nov

Authors McFadden RM,Larmonier CB,Shehab KW,Midura-Kiela M,Ramalingam R,Harrison CA,Besselsen DG,Chase JH,Caporaso JG,Jobin C,Ghishan FK,Kiela PR

[Agave Inulin Supplementation Affects the Fecal Microbiota of Healthy Adults Participating in a Randomized, Double-Blind, Placebo-Controlled, Crossover Trial.](#)

The Journal of nutrition , Volume: 145 Issue: 9 2015 Sep

Authors Holscher HD,Bauer LL,Gourineni V,Pelkman CL,Fahey GC Jr,Swanson KS

[Pomegranate extract induces ellagitannin metabolite formation and changes stool microbiota in healthy volunteers.](#)

Food & function , Volume: 6 Issue: 8 2015 Aug

Authors Li Z,Henning SM, Lee RP, Lu QY, Summanen PH, Thames G, Corbett K, Downes J, Tseng CH, Finegold SM, Heber D

[Modulation of gut microbiota in rats fed high-fat diets by processing whole-grain barley to barley malt.](#)

Molecular nutrition & food research , Volume: 59 Issue: 10 2015 Oct

Authors Zhong Y, Nyman M, Fåk F

[Wheat and barley differently affect porcine intestinal microbiota.](#)

Journal of the science of food and agriculture , Volume: 96 Issue: 6 2016 Apr

Authors Weiss E, Aumiller T, Spindler HK, Rosenfelder P, Eklund M, Witzig M, Jørgensen H, Bach Knudsen KE, Mosenthin R

[In vitro characterisation of the fermentation profile and prebiotic capacity of gold-fleshed kiwifruit.](#)

Beneficial microbes , Volume: 6 Issue: 6 2015

Authors Blatchford P, Bentley-Hewitt KL, Stoklosinski H, McGhie T, Gearry R, Gibson G, Ansell J

[In Vitro Effects of Dietary Inulin on Human Fecal Microbiota and Butyrate Production.](#)

Journal of microbiology and biotechnology , Volume: 25 Issue: 9 2015 Sep

Authors Jung TH, Jeon WM, Han KS

[Butyrylated starch intake can prevent red meat-induced O6-methyl-2-deoxyguanosine adducts in human rectal tissue: a randomised clinical trial.](#)

The British journal of nutrition , Volume: 114 Issue: 2 2015 Jul

Authors Le Leu RK, Winter JM, Christophersen CT, Young GP, Humphreys KJ, Hu Y, Gratz SW, Miller RB, Topping DL, Bird AR, Conlon MA

[Antimicrobial Impacts of Essential Oils on Food Borne-Pathogens.](#)

Recent patents on food, nutrition & agriculture , Volume: 7 Issue: 1 2015

Authors Ozogul Y, Kuley E, Ucar Y, Ozogul F

[Pomegranate ellagitannins stimulate growth of gut bacteria in vitro: Implications for prebiotic and metabolic effects.](#)

Anaerobe , Volume: 34 2015 Aug

Authors Li Z, Summanen PH, Komoriya T, Henning SM, Lee RP, Carlson E, Heber D, Finegold SM

[Lack of Vitamin D Receptor Causes Dysbiosis and Changes the Functions of the Murine Intestinal Microbiome.](#)

Clinical therapeutics , Volume: 37 Issue: 5 2015 May 1

Authors Jin D, Wu S, Zhang YG, Lu R, Xia Y, Dong H, Sun J

[Antimicrobial activity and antibiotic susceptibility of *Lactobacillus* and *Bifidobacterium* spp. intended for use as starter and probiotic cultures.](#)

Biotechnology, biotechnological equipment , Volume: 29 Issue: 1 2015 Jan 2

Authors Georgieva R, Yочева L, Tserovska L, Zhelezova G, Stefanova N, Atanasova A, Danguleva A, Ivanova G, Karapetkov N, Romyan N, Karaivanova E

[Review article: dietary fibre-microbiota interactions.](#)

Alimentary pharmacology & therapeutics , Volume: 42 Issue: 2 2015 Jul

Authors Simpson HL, Campbell BJ

[Different Dynamic Patterns of \$\beta\$ -Lactams, Quinolones, Glycopeptides and Macrolides on Mouse Gut Microbial Diversity.](#)

PloS one , Volume: 10 Issue: 5 2015

Authors Yin J, M P, Wang S, Liao SX, Peng X, He Y, Chen YR, Shen HF, Su J, Chen Y, Jiang YX, Zhang GX, Zhou HW

[Bacillus coagulans GBI-30, 6086 Modulates Faecalibacterium prausnitzii in Older Men and Women.](#)

The Journal of nutrition , Volume: 145 Issue: 7 2015 Jul

Authors Nyangale EP, Farmer S, Cash HA, Keller D, Chernoff D, Gibson GR

[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

[GUT MICROBIOTA DYSBIOSIS IS LINKED TO HYPERTENSION](#)

Hypertension , Volume: 65 Issue: 6 2015 Apr 13

Authors Yang T, Santisteban MM, Rodriguez V, Li E, Ahmari N, Carvajal JM, Zadeh M, Gong M, Qi Y, Zubcevic J, Sahay B, Pepine CJ, Raizada MK, Mohammadzadeh 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, Marunguungu 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

Allidin from garlic inhibits the biofilm formation and urease activity of *Proteus mirabilis* in vitro.

FEMS microbiology letters , Volume: 362 Issue: 9 2015 May

Authors Ranjbar-Omid M,Arzanlou M,Amani M,Shokri Al-Hashem SK,Amir Mozafari N,Peeri Doghaheh H

Empirical prediction and validation of antibacterial inhibitory effects of various plant essential oils on common pathogenic bacteria.

International journal of food microbiology , Volume: 202 2015 Jun 2

Authors Akdemir Evrendilek G

Increased gut microbiota diversity and abundance of *Faecalibacterium prausnitzii* and *Akkermansia* after fasting: a pilot study.

Wiener klinische Wochenschrift , Volume: 127 Issue: 9-10 2015 May

Authors Remely M,Hippe B,Geretschlaeger I,Stegmayer S,Hoefinger I,Haslberger A

Characteristics of *Metroxylon sagu* resistant starch type III as prebiotic substance.

Journal of food science , Volume: 80 Issue: 4 2015 Apr

Authors Zi-Ni T,Rosma A,Napisah H,Karim AA,Liong MT

Red wine consumption is associated with fecal microbiota and malondialdehyde in a human population.

Journal of the American College of Nutrition , Volume: 34 Issue: 2 2015

Authors Cuervo A,Reyes-Gavilán CG,Ruas-Madiedo P,Lopez P,Suarez A,Gueimonde M,González S

Pilot dietary intervention with heat-stabilized rice bran modulates stool microbiota and metabolites in healthy adults.

Nutrients , Volume: 7 Issue: 2 2015 Feb 16

Authors Sheflin AM,Borresen EC,Wdowik MJ,Rao S,Brown RJ,Heuberger AL,Broeckling CD,Weir TL,Ryan EP

Probiotic potential of *Lactobacillus* strains isolated from sorghum-based traditional fermented food.

Probiotics and antimicrobial proteins , Volume: 7 Issue: 2 2015 Jun

Authors Rao KP,Chennappa G,Suraj U,Nagaraja H,Raj AP,Sreenivasa MY

High amount of dietary fiber not harmful but favorable for Crohn disease.

The Permanente journal , Volume: 19 Issue: 1 2015 Winter

Authors Chiba M,Tsuji T,Nakane K,Komatsu M

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

Effect of feeding Jerusalem artichoke (*Helianthus tuberosus*) root as prebiotic on nutrient utilization, fecal characteristics and serum metabolite profile of captive Indian leopard (*Panthera pardus fusca*) fed a meat-on-bone diet.

Zoo biology , Volume: 34 Issue: 2 2015 Mar-Apr

Authors Pradhan SK,Das A,Kullu SS,Saini M,Pattanaik AK,Dutta N,Sharma AK

Whole-grain wheat consumption reduces inflammation in a randomized controlled trial on overweight and obese subjects with unhealthy dietary and lifestyle behaviors: role of polyphenols bound to cereal dietary fiber.

The American journal of clinical nutrition , Volume: 101 Issue: 2 2015 Feb

Authors Vitaglione P,Mennella I,Ferracane R,Rivellese AA,Giacco R,Ercolini D,Gibbons SM,La Stora A,Gilbert JA,Jonnalagadda S,Thielecke F,Gallo MA,Scalfi L,Fogliano V

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

Phenotypic and Molecular Characterization of Extended-Spectrum β -Lactamase Produced by *Escherichia coli*, and *Klebsiella pneumoniae* Isolates in an Educational Hospital.

Jundishapur journal of microbiology , Volume: 7 Issue: 10 2014 Oct

Authors Gholipour A,Soleimani N,Shokri D,Mobasherizadeh S,Kardi M,Baradaran A

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

Human gut *Bacteroidetes* can utilize yeast mannan through a selfish mechanism.

Nature , Volume: 517 Issue: 7533 2015 Jan 8

Authors Cuskin F,Lowe EC,Temple MJ,Zhu Y,Cameron E,Pudlo NA,Porter NT,Urs K,Thompson AJ,Cartmell A,Rogowski A,Hamilton

BS,Chen R,Tolbert TJ,Piensi K,Bracke D,Vervecken W,Hakki Z,Speciale G,Munoz-Munoz JL,Day A,Peña MJ,McLean R,Suits MD,Boraston AB,Atherly T,Ziemer CJ,Williams SJ,Davies GJ,Abbott DW,Martens EC,Gilbert HJ

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

Antimicrobial and antioxidant activities of alcoholic extracts obtained from vegetative organs of *A. retroflexus*.

Roumanian archives of microbiology and immunology , Volume: 73 Issue: 1-2 2014 Jan-Jun

Authors Marinas IC,Chifiriuc C,Oprea E,Lazar V

Metatranscriptomic analyses of plant cell wall polysaccharide degradation by microorganisms in the cow rumen.

Applied and environmental microbiology , Volume: 81 Issue: 4 2015 Feb

Authors Dai X,Tian Y,Li J,Luo Y,Liu D,Zheng H,Wang J,Dong Z,Hu S,Huang L

Effect of *Lactobacillus rhamnosus* hsrlym 1301 on the Gut Microbiota and Lipid Metabolism in Rats Fed a High-Fat Diet.

Journal of microbiology and biotechnology , Volume: 25 Issue: 5 2015 May

Authors Chen D,Yang Z,Chen X,Huang Y,Yin B,Guo F,Zhao H,Huang J,Wu Y,Gu R

Arabinoxylan in wheat is more responsible than cellulose for promoting intestinal barrier function in weaned male piglets.

The Journal of nutrition , Volume: 145 Issue: 1 2015 Jan

Authors Chen H,Wang W,Degroote J,Possemiers S,Chen D,De Smet S,Michiels J

[The antibacterial activity of cinnamon oil on the selected gram-positive and gram-negative bacteria].

Medycyna doświadczalna i mikrobiologia , Volume: 66 Issue: 2 2014

Authors Urbaniak A,Glowacka A,Kowalczyk E,Lysakowska M,Sienkiewicz M

[Effect of n-3 polyunsaturated fatty acids on gut microbiota and endotoxin levels in portal vein of rats fed with high-fat diet].

Zhongguo yi xue ke xue yuan xue bao. Acta Academiae Medicinae Sinicae , Volume: 36 Issue: 5 2014 Oct

Authors Cao ZJ,Yu JC,Kang WM,Ma ZQ,Ye X,Tian SB

In vitro fermentation of lactulose by human gut bacteria.

Journal of agricultural and food chemistry , Volume: 62 Issue: 45 2014 Nov 12

Authors Mao B,Li D,Zhao J,Liu X,Gu Z,Chen YQ,Zhang H,Chen W

Modulation of fecal Clostridiales bacteria and butyrate by probiotic intervention with *Lactobacillus paracasei* DG varies among healthy adults.

The Journal of nutrition , Volume: 144 Issue: 11 2014 Nov

Authors Ferrario C,Taverniti V,Milani C,Fiore W,Laureati M,De Noni I,Stuknyte M,Chouaia B,Riso P,Guglielmetti S

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

Natural control of bacteria affecting meat quality by a neem (*Azadirachta indica* A. Juss) cake extract.

Natural product research , Volume: 29 Issue: 10 2015

Authors Del Serrone P,Failla S,Nicoletti M

Effect of *Bacillus subtilis* C-3102 spores as a probiotic feed supplement on growth performance, noxious gas emission, and intestinal microflora in broilers.

Poultry science , Volume: 93 Issue: 12 2014 Dec

Authors Jeong JS,Kim IH

Rifaximin, gut microbes and mucosal inflammation: unraveling a complex relationship.

Gut microbes , Volume: 5 Issue: 4 2014 Jul 1

Authors Gao J,Gilliland MG 3rd,Owyang C

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

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

Antioxidant, antimicrobial and phytochemical variations in thirteen *Moringa oleifera* Lam. cultivars.

Molecules (Basel, Switzerland) , Volume: 19 Issue: 7 2014 Jul 18

Authors Ndhlala AR,Mulaudzi R,Ncube B,Abdelgadir HA,du Plooy CP,Van Staden J

Changes in the treatment of *Enterococcus faecalis* infective endocarditis in Spain in the last 15 years: from ampicillin plus

gentamicin to ampicillin plus ceftriaxone.

Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases , Volume: 20 Issue: 12 2014 Dec

Authors Pericas JM,Cervera C,del Rio A,Moreno A,Garcia de la Maria C,Almela M,Falces C,Ninot S,Castañeda X,Armero Y,Soy D,Gatell JM,Marco F,Mestres CA,Miro JM,Hospital Clinic Endocarditis Study Group.

Effect of oral consumption of probiotic Lactobacillus planatarum P-8 on fecal microbiota, SigA, SCFAs, and TBAs of adults of different ages.

Nutrition (Burbank, Los Angeles County, Calif.) , Volume: 30 Issue: 7-8 2014 Jul-Aug

Authors Wang L,Zhang J,Guo Z,Kwok L,Ma C,Zhang W,Lv Q,Huang W,Zhang H

The effect of hydro alcoholic extract of seven plants on cariogenic bacteria—an in vitro evaluation.

Oral health and dental management , Volume: 13 Issue: 2 2014 Jun

Authors Kermanshah H,Kamangar SS,Arami S,Kamalinegad M,Karimi M,Mirsalehian A,Jabalameli F,Fard MJ

Effects of probiotic Enterococcus faecium and Saccharomyces cerevisiae on the faecal microflora of pet rabbits.

The Journal of small animal practice , Volume: 55 Issue: 9 2014 Sep

Authors Benato L,Hastie P,O`Shaughnessy P,Murray JA,Meredith A

Effects of diet on gut microbiota profile and the implications for health and disease.

Bioscience of microbiota, food and health , Volume: 32 Issue: 1 2013

Authors Lee YK

Second meal effect on appetite and fermentation of wholegrain rye foods.

Appetite , Volume: 80 2014 Sep

Authors Ibrügger S,Vignæs LK,Blennow A,Blooming E,Raben A,Lauritzen L,Kristensen M

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

Vitamin D deficiency in community-acquired pneumonia: low levels of 1,25(OH)₂D are associated with disease severity.

Respiratory research , Volume: 15 2014 Apr 27

Authors Pletz MW,Terkamp C,Schumacher U,Rohde G,Schütte H,Welte T,Bals R,CAPNETZ-Study Group.

Lactobacillus plantarum IFPL935 impacts colonic metabolism in a simulator of the human gut microbiota during feeding with red wine polyphenols.

Applied microbiology and biotechnology , Volume: 98 Issue: 15 2014 Aug

Authors Barroso E,Van de Wiele T,Jiménez-Girón A,Muñoz-González I,Martín-Alvarez PJ,Moreno-Arribas MV,Bartolomé B,Peláez C,Martínez-Cuesta MC,Requena T

Effects of resveratrol on gut microbiota and fat storage in a mouse model with high-fat-induced obesity.

Food & function , Volume: 5 Issue: 6 2014 Jun

Authors Qiao Y,Sun J,Xia S,Tang X,Shi Y,Le G

454 pyrosequencing reveals changes in the faecal microbiota of adults consuming Lactobacillus casei Zhang.

FEMS microbiology ecology , Volume: 88 Issue: 3 2014 Jun

Authors Zhang J,Wang L,Guo Z,Sun Z,Gesudu Q,Kwok L,Menghebilige,Zhang H

Effects of Lactobacillus plantarum on production performance, immune characteristics, antioxidant status, and intestinal microflora of bursin-immunized broilers.

Canadian journal of microbiology , Volume: 60 Issue: 4 2014 Apr

Authors Shen X,Yi D,Ni X,Zeng D,Jing B,Lei M,Bian Z,Zeng Y,Li T,Xin J

Changes chemopreventive markers in colorectal cancer development after inulin supplementation.

Bratislavske lekarske listy , Volume: 115 Issue: 2 2014

Authors Hájová E,Szabadosová V,Strojny L,Bomba A

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

Multi-drug resistant gram-negative enteric bacteria isolated from flies at Chengdu Airport, China.

The Southeast Asian journal of tropical medicine and public health , Volume: 44 Issue: 6 2013 Nov

Authors Liu Y,Yang Y,Zhao F,Fan X,Zhong W,Qiao D,Cao Y

A quantitative assessment of the antimicrobial activity of garlic (Allium sativum).

World journal of microbiology & biotechnology , Volume: 9 Issue: 3 1993 May

Authors Rees LP,Minney SF,Plummer NT,Slater JH,Skyrme DA

Lactobacillus paracasei subsp. paracasei LC01 positively modulates intestinal microflora in healthy young adults.

Journal of microbiology (Seoul, Korea) , Volume: 51 Issue: 6 2013 Dec

Authors Zhang H,Sun J,Liu X,Hong C,Zhu Y,Liu A,Li S,Guo H,Ren F

Dietary supplementation with lactose or artificial sweetener enhances swine gut Lactobacillus population abundance.

The British journal of nutrition , Volume: 111 Suppl 1 2014 Jun

Authors Daly K,Darby AC,Hall N,Nau A,Bravo D,Shirazi-Beechey SP

Xylitol affects the intestinal microbiota and metabolism of daidzein in adult male mice.

International journal of molecular sciences , Volume: 14 Issue: 12 2013 Dec 10

Authors Tamura M,Hoshi C,Hori S

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

Effects of a probiotic, Enterococcus faecium, on growth performance, intestinal morphology, immune response, and cecal microflora in broiler chickens challenged with Escherichia coli K88.

Poultry science , Volume: 92 Issue: 11 2013 Nov

Authors Cao GT,Zeng XF,Chen AG,Zhou L,Zhang L,Xiao YP,Yang CM

Kiwifruit (Actinidia deliciosa) changes intestinal microbial profile.

Microbial ecology in health and disease , Volume: 23 2012

Authors Lee YK,Low KY,Siah K,Drummond LM,Gwee KA

Dietary grape seed extract ameliorates symptoms of inflammatory bowel disease in IL10-deficient mice.

Molecular nutrition & food research , Volume: 57 Issue: 12 2013 Dec

Authors Wang H,Xue Y,Zhang H,Huang Y,Yang G,Du M,Zhu MJ

Effects of micronized okara dietary fiber on cecal microbiota, serum cholesterol and lipid levels in BALB/c mice.

International journal of food sciences and nutrition , Volume: 64 Issue: 8 2013 Dec

Authors Li T,Zhong JZ,Wan J,Liu CM,Le BY,Liu W,Fu GM

Antimicrobial Resistance Pattern in Enterococcus faecalis Strains Isolated From Expressed Prostatic Secretions of Patients With Chronic Bacterial Prostatitis.

Korean journal of urology , Volume: 54 Issue: 7 2013 Jul

Authors Seo Y,Lee G

Lowbush wild blueberries have the potential to modify gut microbiota and xenobiotic metabolism in the rat colon.

PloS one , Volume: 8 Issue: 6 2013

Authors Lacombe A,Li RW,Klimis-Zacas D,Kristo AS,Tadepalli S,Krauss E,Young R,Wu VC

Effects of microencapsulated Enterococcus faecalis CG1.0007 on growth performance, antioxidation activity, and intestinal microbiota in broiler chickens.

Journal of animal science , Volume: 91 Issue: 9 2013 Sep

Authors Han W,Zhang XL,Wang DW,Li LY,Liu GL,Li AK,Zhao YX

Spectrum and antimicrobial resistance of common pathogenic bacteria isolated from patients with acute exacerbation of chronic obstructive pulmonary disease in mainland of China.

Chinese medical journal , Volume: 126 Issue: 12 2013 Jun

Authors Ye F,He LX,Cai BQ,Wen FQ,Chen BY,Hadiarto M,Chen RC,Yuan JP,Sun HL

An in vitro evaluation of the antimicrobial efficacy of Curcuma longa, Tachyspermum ammi, chlorhexidine gluconate, and calcium hydroxide on Enterococcus faecalis.

Journal of conservative dentistry : JCD , Volume: 16 Issue: 2 2013 Mar

Authors Kumar H

Phytochemical Screening and Antimicrobial Activity of Some Medicinal Plants Against Multi-drug Resistant Bacteria from Clinical Isolates.

Indian journal of pharmaceutical sciences , Volume: 74 Issue: 5 2012 Sep

Authors Dahiya P,Purkayastha S

Associations between the human intestinal microbiota, Lactobacillus rhamnosus GG and serum lipids indicated by integrated analysis of high-throughput profiling data.

PeerJ , Volume: 1 2013

Authors Lahti L,Salonen A,Kekkonen RA,Salojärvi J,Jalanka-Tuovinen J,Palva A,Orešić M,de Vos WM

The effects of liquid versus spray-dried Laminaria digitata extract on selected bacterial groups in the piglet gastrointestinal tract (GIT) microbiota.

Anaerobe , Volume: 21 2013 Jun

Authors Murphy P,Dal Bello F,O'Doherty J,Arendt EK,Sweeney T,Coffey A

Smoking cessation induces profound changes in the composition of the intestinal microbiota in humans.

PloS one , Volume: 8 Issue: 3 2013

Authors Biedermann L, Zeitz J, Mwinyi J, Sutter-Minder E, Rehman A, Ott SJ, Steurer-Stey C, Frei A, Frei P, Scharl M, Loessner MJ, Vavricka SR, Fried M, Schreiber S, Schuppler M, Rogler G

[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, Laothanachareon T, Tangphatsornruang S, Pattarajinda V, Eurwilaichitr L, Champreda V

[Eugenol alters the integrity of cell membrane and acts against the nosocomial pathogen *Proteus mirabilis*.](#)

Archives of pharmacal research , Volume: 36 Issue: 3 2013 Mar

Authors Devi KP, Sakthivel R, Nisha SA, Suganthi N, Pandian SK

[Purification and fermentation in vitro of sesaminol triglucoside from sesame cake by human intestinal microbiota.](#)

Journal of agricultural and food chemistry , Volume: 61 Issue: 8 2013 Feb 27

Authors Zhu X, Zhang X, Sun Y, Su D, Sun Y, Hu B, Zeng X

[A diet high in resistant starch modulates microbiota composition, SCFA concentrations, and gene expression in pig intestine.](#)

The Journal of nutrition , Volume: 143 Issue: 3 2013 Mar

Authors Haenen D, Zhang J, Souza da Silva C, Bosch G, van der Meer IM, van Arkel J, van den Borne JJ, Pérez Gutiérrez O, Smidt H, Kemp B, Müller M, Hooiveld GJ

[The inhibitory effect of polyphenols on human gut microbiota.](#)

Journal of physiology and pharmacology : an official journal of the Polish Physiological Society , Volume: 63 Issue: 5 2012 Oct

Authors Duda-Chodak A

[Gut microbiome composition is linked to whole grain-induced immunological improvements.](#)

The ISME journal , Volume: 7 Issue: 2 2013 Feb

Authors Martínez I, Lattimer JM, Hubach KL, Case JA, Yang J, Weber CG, Louk JA, Rose DJ, Kyureghian G, Peterson DA, Haub MD, Walter J

[Effects of cereal \$\beta\$ -glucans and enzyme inclusion on the porcine gastrointestinal tract microbiota.](#)

Anaerobe , Volume: 18 Issue: 6 2012 Dec

Authors Murphy P, Bello FD, O'Doherty JV, Arendt EK, Sweeney T, Coffey A

[Effects of potato fiber and potato-resistant starch on biomarkers of colonic health in rats fed diets containing red meat.](#)

Journal of food science , Volume: 77 Issue: 10 2012 Oct

Authors Paturi G, Nyanhanda T, Butts CA, Herath TD, Monro JA, Ansell J

[Fermented milk supplemented with probiotics and prebiotics can effectively alter the intestinal microbiota and immunity of host animals.](#)

Journal of dairy science , Volume: 95 Issue: 9 2012 Sep

Authors Wang S, Zhu H, Lu C, Kang Z, Luo Y, Feng L, Lu X

[The inhibitory activity of typhoid propolis against *Enterococcus* species.](#)

Zeitschrift fur Naturforschung. C, Journal of biosciences , Volume: 67 Issue: 5-6 2012 May-Jun

Authors Moncla BJ, Guevara PW, Wallace JA, Marcucci MC, Nor JE, Bretz WA

[Enzyme deactivation treatments did not decrease the beneficial role of oat food in intestinal microbiota and short-chain fatty acids: an in vivo study.](#)

Journal of the science of food and agriculture , Volume: 93 Issue: 3 2013 Feb

Authors Hu X, Xing X, Zhen H

[Antimicrobial Potency of the Leaf - Stalk Extract of *Curcuma longa* \(LINN\).](#)

Ancient science of life , Volume: 20 Issue: 1-2 2000 Jul

Authors Mazumder R, Mendiratta T, Mondal SC, Mazumder A

[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

[Effect of garlic powder on the growth of commensal bacteria from the gastrointestinal tract.](#)

Phytomedicine : international journal of phytotherapy and phytopharmacology , Volume: 19 Issue: 8-9 2012 Jun 15

Authors Filocamo A, Nueno-Palop C, Bisignano C, Mandalari G, Narbad A

[Increased gut permeability and microbiota change associate with mesenteric fat inflammation and metabolic dysfunction in diet-induced obese mice.](#)

PloS one , Volume: 7 Issue: 3 2012

Authors Lam YY, Ha CW, Campbell CR, Mitchell AJ, Dinudom A, Oscarsson J, Cook DI, Hunt NH, Caterson ID, Holmes AJ, Storlien LH

[The effects of seaweed extract inclusion on gut morphology, selected intestinal microbiota, nutrient digestibility, volatile fatty](#)

[acid concentrations and the immune status of the weaned pig.](#)

Animal : an international journal of animal bioscience , Volume: 2 Issue: 10 2008 Oct

Authors Reilly P,O'Doherty JV,Pierce KM,Callan JJ,O'Sullivan JT,Sweeney T

[Effect of lactose on gut microbiota and metabolome of infants with cow's milk allergy.](#)

Pediatric allergy and immunology : official publication of the European Society of Pediatric Allergy and Immunology , Volume: 23 Issue: 5 2012 Aug

Authors Francavilla R,Calasso M,Calace L,Siragusa S,Ndagijimana M,Vernocchi P,Brunetti L,Mancino G,Tedeschi G,Guerzoni E,Indrio F,Laghi L,Miniello VL,Gobbetti M,De Angelis M

[Changes in gut microbiota in children with atopic dermatitis administered the bacteria Lactobacillus casei DN-114001.](#)

Polish journal of microbiology , Volume: 60 Issue: 4 2011

Authors Klewicka E,Cukrowska B,Libudzisz Z,Slizewska K,Motyl I

[Grape antioxidant dietary fiber stimulates Lactobacillus growth in rat cecum.](#)

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

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

[Serum 25-hydroxyvitamin D is associated with enhanced pneumococcal antibody levels in individuals with asthma.](#)

Allergy and asthma proceedings , Volume: 32 Issue: 6 2011 Nov-Dec

Authors Lee J,Zhao H,Fenta Y,Kita H,Kumar R,Juhn YJ

[Effect of the oral intake of yogurt containing Bifidobacterium longum BB536 on the cell numbers of enterotoxigenic Bacteroides fragilis in microbiota.](#)

Anaerobe , Volume: 18 Issue: 1 2012 Feb

Authors Odamak T,Sugahara H,Yonezawa S,Yaeshima T,Iwatsuki K,Tanabe S,Tominaga T,Togashi H,Benno Y,Xiao JZ

[Influence of dietary blueberry and broccoli on cecal microbiota activity and colon morphology in mdr1a\(-/-\) mice, a model of inflammatory bowel diseases.](#)

Nutrition (Burbank, Los Angeles County, Calif.) , Volume: 28 Issue: 3 2012 Mar

Authors Paturi G,Mandimika T,Butts CA,Zhu S,Roy NC,McNabb WC,Ansell J

[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

[Inhibition of growth of highly resistant bacterial and fungal pathogens by a natural product.](#)

The open microbiology journal , Volume: 5 2011

Authors Hafidh RR,Abdulmir AS,Vern LS,Abu Bakar F,Abas F,Jahanshiri F,Sekawi Z

[In-vitro antimicrobial activity and synergistic/antagonistic effect of interactions between antibiotics and some spice essential oils.](#)

Journal of environmental biology , Volume: 32 Issue: 1 2011 Jan

Authors Toroglu S

[Effect of liquid whey feeding on fecal microbiota of mature and growing pigs.](#)

Animal science journal = Nihon chikusan Gakkaiho , Volume: 82 Issue: 4 2011 Aug

Authors Kobayashi Y,Itoh A,Miyawaki K,Koike S,Iwabuchi O,Iimura Y,Kobashi Y,Kawashima T,Wakamatsu J,Hattori A,Murakami H,Morimatsu F,Nakaebisu T,Hishinuma T

[Wheat- and barley-based diets with or without additives influence broiler chicken performance, nutrient digestibility and intestinal microflora.](#)

Journal of the science of food and agriculture , Volume: 92 Issue: 1 2012 Jan 15

Authors Rodríguez ML,Rebolé A,Velasco S,Ortiz LT,Treviño J,Alzueta C

[Prebiotic effects of wheat arabinoxylan related to the increase in bifidobacteria, Roseburia and Bacteroides/Prevotella in diet-induced obese mice.](#)

PloS one , Volume: 6 Issue: 6 2011

Authors Neyrinck AM,Possemiers S,Druart C,Van de Wiele T,De Backer F,Cani PD,Larondelle Y,Delzenne NM

[Antibacterial activity in spices and local medicinal plants against clinical isolates of Karachi, Pakistan.](#)

Pharmaceutical biology , Volume: 49 Issue: 8 2011 Aug

Authors Ali NH,Faizi S,Kazmi SU

[Cytotoxicity, antiviral and antimicrobial activities of alkaloids, flavonoids, and phenolic acids.](#)

Pharmaceutical biology , Volume: 49 Issue: 4 2011 Apr

Authors Özçelik B,Kartal M,Orhan I

[Effects of dietary polyphenol-rich grape products on intestinal microflora and gut morphology in broiler chicks.](#)

Poultry science , Volume: 90 Issue: 3 2011 Mar

Authors Viveros A,Chamorro S,Pizarro M,Arija I,Centeno C,Brenes A

[\[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

[Rifaximin modulates the colonic microbiota of patients with Crohn`s disease: an in vitro approach using a continuous culture colonic model system.](#)

The Journal of antimicrobial chemotherapy , Volume: 65 Issue: 12 2010 Dec

Authors Maccaferri S,Vitali B,Klinder A,Kolida S,Ndagijimana M,Laghi L,Calanni F,Brigidi P,Gibson GR,Costabile A

[Biodegradable gelatin-chitosan films incorporated with essential oils as antimicrobial agents for fish preservation.](#)

Food microbiology , Volume: 27 Issue: 7 2010 Oct

Authors Gómez-Estaca J,López de Lacey A,López-Caballero ME,Gómez-Guillén MC,Montero P

[Characterisation and response of intestinal microflora and mucins to manno-oligosaccharide and antibiotic supplementation in broiler chickens.](#)

British poultry science , Volume: 51 Issue: 3 2010 Jun

Authors Chee SH,Iji PA,Choct M,Mikkelsen LL,Kocher A

[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

[Lactobacillus johnsonii N6.2 mitigates the development of type 1 diabetes in BB-DP rats.](#)

PloS one , Volume: 5 Issue: 5 2010 May 6

Authors Valladares R,Sankar D,Li N,Williams E,Lai KK,Abdelgeliel AS,Gonzalez CF,Wasserfall CH,Larkin J,Schatz D,Atkinson MA,Triplett EW,Neu J,Lorca GL

[The influence of pomegranate by-product and punicalagins on selected groups of human intestinal microbiota.](#)

International journal of food microbiology , Volume: 140 Issue: 2-3 2010 Jun 15

Authors Bialonska D,Ramnani P,Kasimsetty SG,Muntha KR,Gibson GR,Ferreira D

[The effect of dietary Laminaria-derived laminarin and fucoidan on nutrient digestibility, nitrogen utilisation, intestinal microflora and volatile fatty acid concentration in pigs.](#)

Journal of the science of food and agriculture , Volume: 90 Issue: 3 2010 Feb

Authors Lynch MB,Sweeney T,Callan JJ,O'Sullivan JT,O'Doherty JV

[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

[Prebiotic effect of fruit and vegetable shots containing Jerusalem artichoke inulin: a human intervention study.](#)

The British journal of nutrition , Volume: 104 Issue: 2 2010 Jul

Authors Ramnani P,Gaudier E,Bingham M,van Bruggen P,Tuohy KM,Gibson GR

[Probiotics have clinical, microbiologic, and immunologic efficacy in acute infectious diarrhea.](#)

The Pediatric infectious disease journal , Volume: 29 Issue: 2 2010 Feb

Authors Chen CC,Kong MS,Lai MW,Chao HC,Chang KW,Chen SY,Huang YC,Chiu CH,Li WC,Lin PY,Chen CJ,Li TY

[Comparisons of subgingival microbial profiles of refractory periodontitis, severe periodontitis, and periodontal health using the human oral microbe identification microarray.](#)

Journal of periodontology , Volume: 80 Issue: 9 2009 Sep

Authors Colombo AP,Boches SK,Cotton SL,Goodson JM,Kent R,Haffajee AD,Socransky SS,Hasturk H,Van Dyke TE,Dewhirst F,Paster BJ

[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

[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

[In vitro fermentation of oat and barley derived beta-glucans by human faecal microbiota.](#)

FEMS microbiology ecology , Volume: 64 Issue: 3 2008 Jun

Authors Hughes SA,Shewry PR,Gibson GR,McCleary BV,Rastall RA

[Bioactive properties and chemical composition of six walnut \(*Juglans regia* L.\) cultivars.](#)

Food and chemical toxicology : an international journal published for the British Industrial Biological Research

Association , Volume: 46 Issue: 6 2008 Jun

Authors Pereira JA,Oliveira I,Sousa A,Ferreira IC,Bento A,Estevinho L

[Surveillance of antimicrobial resistance among nosocomial gram-negative pathogens from 15 teaching hospitals in China in 2005].

Zhonghua yi xue za zhi , Volume: 87 Issue: 39 2007 Oct 23

Authors Yang QW,Xu YC,Chen MJ,Hu YJ,Ni YX,Sun JY,Yu YS,Kong HS,He L,Wu WY,Ye HF,Yang YM,Zhu LN,Guo SH,JI P,Zhu ZH,Ren JK,Zhang LX,Sun ZY,Zhu XH,Tong MQ,Zhao WS,Mei YN,Liu Y,Zhang ZI,Duan Q,Li D,Liu PP,Wang J,Han LX,Wang H,Xie XL

Inhibitory activity of garlic (Allium sativum) extract on multidrug-resistant Streptococcus mutans.

Journal of the Indian Society of Pedodontics and Preventive Dentistry , Volume: 25 Issue: 4 2007 Oct-Dec

Authors Fani MM,Kohanteb J,Dayaghi M

Whole-grain wheat breakfast cereal has a prebiotic effect on the human gut microbiota: a double-blind, placebo-controlled, crossover study.

The British journal of nutrition , Volume: 99 Issue: 1 2008 Jan

Authors Costabile A,Klinder A,Fava F,Napolitano A,Fogliano V,Leonard C,Gibson GR,Tuohy KM

Antimicrobial activity against gram negative bacilli from Yaounde Central Hospital, Cameroon.

African health sciences , Volume: 6 Issue: 4 2006 Dec

Authors Gangoue-Pieboji J,Koulla-Shiro S,Ngassam P,Adiogo D,Ndumbe P

Vapor-phase activities of cinnamon, thyme, and oregano essential oils and key constituents against foodborne microorganisms.

Journal of agricultural and food chemistry , Volume: 55 Issue: 11 2007 May 30

Authors López P,Sanchez C,Batlle R,Nerin C

Impact of consumption of different levels of Bifidobacterium lactis HN019 on the intestinal microflora of elderly human subjects.

The journal of nutrition, health & aging , Volume: 11 Issue: 1 2007 Jan-Feb

Authors Ahmed M,Prasad J,Gill H,Stevenson L,Gopal P

Supplementation of baby formula with native inulin has a prebiotic effect in formula-fed babies.

Asia Pacific journal of clinical nutrition , Volume: 16 Issue: 1 2007

Authors Kim SH,Lee DH,Meyer D

Physiological effects of extraction juices from apple, grape, and red beet pomaces in rats.

Journal of agricultural and food chemistry , Volume: 54 Issue: 26 2006 Dec 27

Authors Sembries S,Dongowski G,Mehrländer K,Will F,Dietrich H

In vitro activity of Bulgarian propolis against 94 clinical isolates of anaerobic bacteria.

Anaerobe , Volume: 12 Issue: 4 2006 Aug

Authors Boyanova L,Kolarov R,Gergova G,Mitov I

Bacteremia in children at a regional hospital in Trinidad.

International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases , Volume: 11 Issue: 2 2007 Mar

Authors Orrett FA,Changoor E

Rheumatoid arthritis is an autoimmune disease triggered by Proteus urinary tract infection.

Clinical & developmental immunology , Volume: 13 Issue: 1 2006 Mar

Authors Ebringer A,Rashid T

Improvement of the human intestinal flora by ingestion of the probiotic strain Lactobacillus johnsonii La1.

The British journal of nutrition , Volume: 95 Issue: 2 2006 Feb

Authors Yamano T,Iino H,Takada M,Blum S,Rochat F,Fukushima Y

Red wine polyphenols influence carcinogenesis, intestinal microflora, oxidative damage and gene expression profiles of colonic mucosa in F344 rats.

Mutation research , Volume: 591 Issue: 1-2 2005 Dec 11

Authors Dolara P,Luceri C,De Filippo C,Femia AP,Giovannelli L,Caderni G,Cecchini C,Silvi S,Orpianesi C,Cresci A

Intestinal microbiota of patients with bacterial infection of the respiratory tract treated with amoxicillin.

The Brazilian journal of infectious diseases : an official publication of the Brazilian Society of Infectious Diseases , Volume: 9 Issue: 4 2005 Aug

Authors Monreal MT,Pereira PC,de Magalhães Lopes CA

Modulation of the fecal microbiota by the intake of a Lactobacillus johnsonii La1-containing product in human volunteers.

FEMS microbiology letters , Volume: 248 Issue: 2 2005 Jul 15

Authors Garrido D,Suau A,Pochart P,Cruchet S,Gotteland M

Antibiotic susceptibility profiles of new probiotic Lactobacillus and Bifidobacterium strains.

International journal of food microbiology , Volume: 98 Issue: 2 2005 Feb 1

Authors Zhou JS,Pillidge CJ,Gopal PK,Gill HS

Microbiological effects of consuming a synbiotic containing Bifidobacterium bifidum, Bifidobacterium lactis, and oligofructose in elderly persons, determined by real-time polymerase chain reaction and counting of viable bacteria.

Clinical infectious diseases : an official publication of the Infectious Diseases Society of America , Volume: 40 Issue: 1 2005 Jan 1

Authors Bartosch S,Woodmansey EJ,Paterson JC,McMurdo ME,Macfarlane GT

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,Lobley 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.

Antimicrobial activity of extracts of local cough mixtures on upper respiratory tract bacterial pathogens.

The West Indian medical journal , Volume: 52 Issue: 3 2003 Sep

Authors Adeleye IA,Opiah L

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,Tomé 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

Enteral feeding of premature infants with Saccharomyces boulardii.

Early human development , Volume: 74 Issue: 2 2003 Nov

Authors Costalos C,Skouteri V,Gounaris A,Sevastiadou S,Triandafillidou A,Ekonomidou C,Kontaxaki F,Petrochilou V

Lactose utilization in Klebsiella pneumoniae: the slow utilization of lactose by resting cells of lactose fermenting strains.

Journal of bacteriology , Volume: 70 Issue: 1 1955 Jul

Authors CABELLI VJ

The significance of lactose fermentation and its relationship to resistance in Klebsiella pneumoniae.

Journal of bacteriology , Volume: 66 Issue: 4 1953 Oct

Authors CABELLI VJ,PICKETT MJ

The suppressive effect of bifidobacteria on Bacteroides vulgatus, a putative pathogenic microbe in inflammatory bowel disease.

Microbiology and immunology , Volume: 47 Issue: 6 2003

Authors Shiba T,Aiba Y,Ishikawa H,Ushiyama A,Takagi A,Mine T,Koga Y

Trends in antimicrobial susceptibilities among Enterobacteriaceae isolated from hospitalized patients in the United States from 1998 to 2001.

Antimicrobial agents and chemotherapy , Volume: 47 Issue: 5 2003 May

Authors Karlowsky JA,Jones ME,Thornsberry C,Friedland IR,Sahm DF

Brazilian propolis: physicochemical properties, plant origin and antibacterial activity on periodontopathogens.

Phytotherapy research : PTR , Volume: 17 Issue: 3 2003 Mar

Authors Santos FA,Bastos EM,Maia AB,Uzeda M,Carvalho MA,Farias LM,Moreira ES

Antimicrobial resistance in Cairo, Egypt 1999-2000: a survey of five hospitals.

The Journal of antimicrobial chemotherapy , Volume: 51 Issue: 3 2003 Mar

Authors El Kholy A,Baseem H,Hall GS,Procop GW,Longworth DL

Dietary fiber-rich barley products beneficially affect the intestinal tract of rats.

The Journal of nutrition , Volume: 132 Issue: 12 2002 Dec

Authors Dongowski G,Huth M,Gebhardt E,Flamme W

Aberrant composition of gut microbiota of allergic infants: a target of bifidobacterial therapy at weaning?

Gut , Volume: 51 Issue: 1 2002 Jul

Authors Kirjavainen PV,Arvola T,Salminen SJ,Isolauri E

Potency and antimicrobial spectrum update for piperacillin/tazobactam (2000): emphasis on its activity against resistant organism populations and generally untested species causing community-acquired respiratory tract infections.

Diagnostic microbiology and infectious disease , Volume: 43 Issue: 1 2002 May

Authors Johnson DM,Biedenbach DJ,Jones RN

High frequency of antibiotic resistance among Gram-negative isolates in intensive care units at 10 Swedish hospitals.

Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases , Volume: 3 Issue: 2 1997 Apr

Authors Hanberger H, Nilsson LE, Swedish Study Group .

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

In vitro activity of garlic oil and four diallyl sulphides against antibiotic-resistant *Pseudomonas aeruginosa* and *Klebsiella pneumoniae*.

The Journal of antimicrobial chemotherapy , Volume: 47 Issue: 5 2001 May

Authors Tsao S, Yin M

Probiotic activities of *Lactobacillus casei rhamnosus*: in vitro adherence to intestinal cells and antimicrobial properties.

Research in microbiology , Volume: 152 Issue: 2 2001 Mar

Authors Forestier C, De Champs C, Vatoux C, Joly B

Probiotics in foods not containing milk or milk constituents, with special reference to *Lactobacillus plantarum* 299v.

The American journal of clinical nutrition , Volume: 73 Issue: 2 Suppl 2001 Feb

Authors Molin G

Evaluation of the in vitro activity of 9 antimicrobials against bacterial strains isolated from patients in intensive care units in brazil: MYSTIC Antimicrobial Surveillance Program.

The Brazilian journal of infectious diseases : an official publication of the Brazilian Society of Infectious Diseases , Volume: 4 Issue: 5 2000 Oct

Authors Mendes C, Hsiung A, Kiffer C, Oplustil C, Sinto S, Mimica I, Zoccoli C, Mystic Study Group.

[Sensitivity to antibiotics of bacteria from nosocomial infections. Evolution in resuscitation services of military hospitals].

Presse medicale (Paris, France : 1983) , Volume: 29 Issue: 27 2000 Sep 23

Authors Garrabé E, Cavallo JD, Brisou P, Chapalain JC, Coué JC, Courrier P, Granic G, Hervé V, Koeck JL, Morillon M, Claude JD, Roubay Y, Teyssou R

In vitro utilization of amylopectin and high-amylose maize (Amylomaize) starch granules by human colonic bacteria.

Applied and environmental microbiology , Volume: 65 Issue: 11 1999 Nov

Authors Wang X, Conway PL, Brown IL, Evans AJ

Antimicrobial activity of essential oils and other plant extracts.

Journal of applied microbiology , Volume: 86 Issue: 6 1999 Jun

Authors Hammer KA, Carson CF, Riley TV

Changes in fecal microflora induced by intubation of mice with *Bacillus subtilis* (natto) spores are dependent upon dietary components.

Canadian journal of microbiology , Volume: 45 Issue: 1 1999 Jan

Authors Hosoi T, Ametani A, Kiuchi K, Kaminogawa S

Does probiotics administration decrease serum endotoxin levels in infants?

Journal of pediatric surgery , Volume: 34 Issue: 2 1999 Feb

Authors Urao M, Fujimoto T, Lane GJ, Seo G, Miyano T

The effect of consumption of milk fermented by *Lactobacillus casei* strain Shirota on the intestinal microflora and immune parameters in humans.

European journal of clinical nutrition , Volume: 52 Issue: 12 1998 Dec

Authors Spanhaak S, Havenaar R, Schaafsma G

Antibiotic susceptibility of potentially probiotic *Lactobacillus* species.

Journal of food protection , Volume: 61 Issue: 12 1998 Dec

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

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

Efficacy and safety of high dose intravenous ciprofloxacin in the treatment of bacterial pneumonia. Italian Ciprofloxacin Study Group.

International journal of antimicrobial agents , Volume: 10 Issue: 3 1998 Aug

Authors Periti P, Mazzei T, Curti ME

The colonization of a simulator of the human intestinal microbial ecosystem by a probiotic strain fed on a fermented oat bran product: effects on the gastrointestinal microbiota.

Applied microbiology and biotechnology , Volume: 50 Issue: 2 1998 Aug

Authors Kontula P,Jaskari J,Nollet L,De Smet I,von Wright A,Poutanen K,Mattila-Sandholm T

[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

Effects of lactulose and lactitol on colonic microflora and enzymatic activity.

Scandinavian journal of gastroenterology. Supplement , Volume: 222 1997

Authors Ballongue J,Schumann C,Quignon P

Effects of inulin and lactose on fecal microflora, microbial activity, and bowel habit in elderly constipated persons.

The American journal of clinical nutrition , Volume: 65 Issue: 5 1997 May

Authors Kleessen B,Sykura B,Zunft HJ,Blaut M

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,Rossignol JF

Antimicrobial and antioxidant activities of unripe papaya.

Life sciences , Volume: 53 Issue: 17 1993

Authors Osato JA,Santiago LA,Remo GM,Cuadra MS,Mori A

[A nationwide survey of antimicrobial susceptibilities of clinical isolates to antibiotics in Japan (1988-1990)].

The Japanese journal of antibiotics , Volume: 46 Issue: 6 1993 Jun

Authors Igari J

Influence of partially hydrolyzed guar gum on constipation in women.

Journal of nutritional science and vitaminology , Volume: 40 Issue: 3 1994 Jun

Authors Takahashi H,Wako N,Okubo T,Ishihara N,Yamanaka J,Yamamoto T

In vitro antimicrobial activity of fluoroquinolones against clinical isolates obtained in 1989 and 1990.

Journal of the Formosan Medical Association = Taiwan yi zhi , Volume: 92 Issue: 12 1993 Dec

Authors Chen YC,Chang SC,Hsu LY,Hsieh WC,Luh KT

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

Influence of dietary lactose on the gut flora of chicks.

British poultry science , Volume: 23 Issue: 4 1982 Jul

Authors Morishita Y,Fuller R,Coates ME

The fermentation of lactulose by colonic bacteria.

Journal of general microbiology , Volume: 128 Issue: 2 1982 Feb

Authors Sahota SS,Bramley PM,Menzies IS

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

Comparative activities of the oxa-beta-lactam LY127935, cefotaxime, cefoperazone, cefamandole, and ticarcillin against multiply resistant gram-negative bacilli.

Antimicrobial agents and chemotherapy , Volume: 17 Issue: 2 1980 Feb

Authors Hall WH,Opfer BJ,Gerding DN

Gut microflora interactions with xylitol in the mouse, rat and man.

Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association , Volume: 23 Issue: 11 1985 Nov

Authors Salminen S,Salminen E,Koivistoinen P,Bridges J,Marks V

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,Wailes WM

[Evaluation of imipenem/clastatin sodium in the treatment of respiratory tract infections].

The Japanese journal of antibiotics , Volume: 43 Issue: 1 1990 Jan

Authors Shimokata K,Kawazu H,Nishiwaki K,Yamamoto M,Sakai S,Senda Y,Torii Y,Amano H,Saka H,Saito H

[Antimicrobial activity of omidazole and 6 other antibiotics against anaerobic bacteria].

Enfermedades infecciosas y microbiología clínica , Volume: 9 Issue: 4 1991 Apr

Authors Alados JC,Martínez-Brocal A,Miranda C,Rojo MD,García V,Domínguez MC,de la Rosa M

Immunomodulatory action of propolis: IV. Prophylactic activity against gram-negative infections and adjuvant effect of the water-soluble derivative.

Vaccine , Volume: 10 Issue: 12 1992

Authors Dimov V,Ivanovska N,Bankova V,Popov S

R-plasmid linked lactose fermentation in Klebsiella pneumoniae.

The Indian journal of medical research , Volume: 70 1979 Nov

Authors Walia SK,Chugh TD,Sharma KB,Bhat MB

Bacterial endocarditis on a prosthetic valve. Oral treatment with amoxicillin.

Chest , Volume: 74 Issue: 2 1978 Aug

Authors Lidji M,Rubinstein E,Samra H

[Antibacterial activity of sisomicin in comparison with gentamicin].

Arzneimittel-Forschung , Volume: 26 Issue: 5 1976

Authors Scheer M

Additional sources and private correspondance

Private Correspondance , Volume: 1 Issue: 2018

Effects of probiotic Enterococcus faecium NCIMB 11181 administration on swine fecal microbiota diversity and composition using barcoded pyrosequencing

Animal Feed Science and Technology , Volume: 201 2015 Mar

Authors Edward Alain B.Pajarillo,Dae-Kyung Kang,Chan-Soo Park,Hyeun Bum Kim,Marilen P Balolong

Infectious Disease and Antibmicrobial Agents

antimicrobe: Infectious Disease and Antibmicrobial Agents , Volume:

Authors E-Sun Technologies

Curcumin consumption reduces gut microbial diversity among patients with colorectal adenomas

The FASEB Journal , Volume: 26 Issue: 1 2012 Apr 1

Authors April McLauchlin,Felix Araujo-Perez,Nikki McCoy,Kevin Smith,Bob Sandler,Gary Asher,Temitope Keku

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

cdkl5 deficiency disorder
Celiac Disease
Cerebral Palsy
Chronic Fatigue Syndrome
Chronic Kidney Disease
Chronic Lyme
Chronic Obstructive Pulmonary Disease (COPD)
Chronic Urticaria (Hives)
Coagulation / Micro clot triggering bacteria
Cognitive Function
Colorectal Cancer
Constipation
Coronary artery disease
COVID-19
Crohn's Disease
Cushing's Syndrome (hypercortisolism)
cystic fibrosis
d-lactic acidosis (one form of brain fog)
deep vein thrombosis
Denture Wearers Oral Shifts
Depression
Dermatomyositis
Eczema
Endometriosis
Eosinophilic Esophagitis
Epilepsy
erectile dysfunction
Fibromyalgia
Food Allergy
Functional constipation / chronic idiopathic constipation
gallstone disease (gsd)
Gastroesophageal reflux disease (Gerd) including Barrett's esophagus
Generalized anxiety disorder
giant cell arteritis
Glioblastoma
Gout
Graves' disease
Gulf War Syndrome
Halitosis
Hashimoto's thyroiditis
Heart Failure
hemorrhagic stroke
Hemorrhoidal disease, Hemorrhoids, Piles
Hidradenitis Suppurativa
High Histamine/low DAO
hypercholesterolemia (High Cholesterol)
hyperglycemia
Hyperlipidemia (High Blood Fats)
hypersomnia
hypertension (High Blood Pressure)
Hypothyroidism
Hypoxia
IgA nephropathy (IgAN)
Inflammatory Bowel Disease
Insomnia
Intelligence
Intracranial aneurysms
Irritable Bowel Syndrome

ischemic stroke
Juvenile idiopathic arthritis
Liver Cirrhosis
liver fibrosis
Long COVID
Low bone mineral density
Lung Cancer
Lymphoma
Mast Cell Issues / mastitis
ME/CFS with IBS
ME/CFS without IBS
membranous nephropathy
Menopause
Metabolic Syndrome
Mood Disorders
multiple chemical sensitivity [MCS]
Multiple Sclerosis
Multiple system atrophy (MSA)
myasthenia gravis
neuropathic pain
Neuropathy (all types)
neuropsychiatric disorders (PANDAS, PANS)
Nonalcoholic Fatty Liver Disease (nafld) Nonalcoholic
NonCeliac Gluten Sensitivity
Obesity
obsessive-compulsive disorder
Osteoarthritis
Osteoporosis
pancreatic cancer
Parkinson's Disease
Peanut Allergy
Polycystic ovary syndrome
Postural orthostatic tachycardia syndrome
Premenstrual dysphoric disorder
primary biliary cholangitis
Primary sclerosing cholangitis
Psoriasis
rheumatoid arthritis (RA),Spondyloarthritis (SpA)
Rosacea
Schizophrenia
scoliosis
sensorineural hearing loss
Sjögren syndrome
Sleep Apnea
Slow gastric motility / Gastroparesis
Small Intestinal Bacterial Overgrowth (SIBO)
Stress / posttraumatic stress disorder
Systemic Lupus Erythematosus
Tic Disorder
Tourette syndrome
Type 1 Diabetes
Type 2 Diabetes
Ulcerative colitis
Unhealthy Ageing
Vitiligo