

Microbiome Information for: Carcinoma

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 have found that symptoms and symptom severity has strong associations to the microbiome for many conditions. Correcting the microbiome dysfunction is believed 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 is received.

In the USA

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

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

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

Analysis Provided by Microbiome Prescription

A Microbiome Analysis Company

892 Lake Samish Rd, Bellingham WA 98229

Email: Research@MicrobiomePrescription.com

[Our Facebook Discussion Page](#)

Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of Carcinoma

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
Anaerotruncus	genus	Low	244127	Lachnospiraceae	genus	High	1506553
Bilophila	genus	High	35832	Mitsuokella	genus	High	52225
Campylobacter	genus	High	194	Nocardia	genus	High	1817
Coprobacillus	genus	High	100883	Oscillibacter	genus	High	459786
Eggerthella	genus	High	84111	Parvimonas	genus	High	543311
Escherichia	genus	High	561	Porphyromonas	genus	High	836
Fusobacterium	genus	High	848	Prevotella	genus	High	838
Haemophilus	genus	High	724	Streptococcus	genus	High	1301
Klebsiella	genus	High	570	Fusobacterium nucleatum	species	High	851
				Porphyromonas gingivalis	species	High	837

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.

Amylum {Starch}

arabinogalactan {arabinogalactan} 21 gram/day

Cannabis sativa {Marijuana}

fat

High-protein diet {Atkins low-carbohydrate diet}

ketogenic diet

Linum usitatissimum {Flaxseed} 30 mg/day

long-term, moderate-intensity exercise {exercise}

Nitrogen Oxide x Particulate Matter {Urban air pollutant}

non-starch polysaccharides

Outer Layers of Triticum aestivum {Wheat Bran}

Phaseolus vulgaris {Boston bean}

Pisum sativum {pea}

proton-pump inhibitors (prescription) 60 mg/day

pseudo-cereals {amaranth, quinoa, taro, buckwheat}

raffinose {sugar beet}

Sleep apnea {partial sleep deprivation}

β -glucan {Beta-Glucan} 500 mg/day

synthetic disaccharide derivative of lactose {Lactulose}

Tobacco consumption {Smoking}

Traditional Mediterranean diet {Mediterranean diet}

Tributyrin

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-(3,4-Dihydroxyphenyl)-5,7-dihydroxy-4H-chromen-4-one

{Luteolin}

allium sativum {garlic}

amikacin

amoxicillin [CFS]

ampicillin [CFS]

Azadirachta indica {Neem}

azithromycin,[CFS]

benzylpenicillin sodium (antibiotic)

bifidobacterium bifidum {B. bifidum}

cefotaxime sodium salt (antibiotic)

ceftazidime

chlorhexidine

Cinnamomum zeylanicum {Ceylon Cinnamon}

ciprofloxacin [CFS]

clarithromycin [CFS]

clindamycin [CFS]

Diferuloylmethane {Curcumin}

doxycycline [CFS]

enterococcus faecium {E. faecium}

fluoroquinolone

gentamicin

green tea

Honey {Honey }

imipenem

Lacticaseibacillus paracasei {L.paracasei}

Lactobacillus plantarum {L. plantarum}

Menta × piperita {peppermint}

meropenem

Metha family {Mint}

minocycline [CFS]

moxifloxacin (antibiotic)

Olea europaea {Olive leaf}

origanum vulgare {oregano}

piperacillin-tazobactam

Pistacia lentiscus {mastic gum}

Probiotic Mixture 2 {Vetafarm Probiotic}

Propolis {Bee glue}

rifaximin

rosmarinus officinalis {rosemary}

soy

tetracycline

Thymus vulgaris {thyme}

tobramycin

trimethoprim

vancomycin (antibiotic)[CFS]

Zingiber officinale Roscoe {ginger}

Sample of Literature Used

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

[Fusobacterium Nucleatum Promotes Microsatellite Instability in Colorectal Carcinoma Through Up-regulation of miRNA-155-5p-Targeted Inhibition of MSH6 via the TLR4/NF-?B Signaling Pathway.](#)

Advanced biology , 2024 Sep 27

Authors Wang P,Huang Q,Zhu Y,Chen L,Ye K

[\[Porphyromonas gingivalis promotes the occurrence of esophageal squamous cell carcinoma via an inflammatory microenvironment\].](#)

Zhonghua zhong liu za zhi [Chinese journal of oncology] , Volume: 46 Issue: 8 2024 Aug 23

Authors Xu HJ,Qi YJ,Wu DR,Liu QW,Chen P,Li MX,Jiao YL,Ruan HJ,Li ZT,Gao SG

[Nocardia in an Immunocompetent Patient Simulating Pulmonary Carcinoma: A Case Report and Literature Review.](#)

Cureus , Volume: 16 Issue: 7 2024 Jul

Authors Garcia Rueda JE,García Rueda KY,Bermúdez Flórez AM,Peña Mejía LA,Cardona Palacio A,Castaño Ruiz W

[Lachnospiraceae intestinal flora is associated with immunotherapy efficacy in nasopharyngeal carcinoma.](#)

Head & neck , 2024 Aug 12

Authors Yu Z,Wang Q,Wang Z,Liu S,Xia T,Duan C,Liu Y,Ding X,Chen S,Yu T,You R,Chen M,Huang P

[Unveiling the Hidden Links: Periodontal Disease, Fusobacterium Nucleatum, and Cancers.](#)

Current oncology reports , Volume: 26 Issue: 11 2024 Nov

Authors Akbari E,Epstein JB,Samim F

[Co-enrichment of cancer-associated bacterial taxa is correlated with immune cell infiltrates in esophageal tumor tissue.](#)

Scientific reports , Volume: 14 Issue: 1 2024 Jan 31

Authors Greathouse KL,Stone JK,Vargas AJ,Choudhury A,Padgett RN,White JR,Jung A,Harris CC

[A Metagenomic Meta-analysis Reveals Functional Signatures of Health and Disease in the Human Gut Microbiome.](#)

mSystems , Volume: 4 Issue: 4 2019 Jul-Aug

Authors Armour CR,Nayfach S,Pollard KS,Sharpton TJ

[Dry ginger and Schisandra chinensis modulate intestinal flora and bile acid metabolism to treat asthma.](#)

Frontiers in microbiology , Volume: 16 2025

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

[Alleviation effects of Lactobacillus plantarum in colitis aggravated by a high-salt diet depend on intestinal barrier protection, NF-?B pathway regulation, and oxidative stress improvement.](#)

Food & function , 2025 Mar 20

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

[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

[Probiotic treatment induces changes in intestinal microbiota but does not alter SCFA levels in peritoneal dialysis patients-a randomized, placebo-controlled trial.](#)

Scientific reports , Volume: 14 Issue: 1 2024 Dec 28

Authors Zhou S,Yan Y,Chu R,Chen N,Wang L,Zhang H,Wang Y,Wang M,Na L,Ren H,Chen M,Li PK,Tian N

[Open Label Vancomycin in Primary Sclerosing Cholangitis-Inflammatory Bowel Disease: Improved Colonic Disease Activity and Associations With Changes in Host-Microbiome-Metabolomic Signatures.](#)

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

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

[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

[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 MU

[Heat-Killed Lactobacillus paracasei SMB092 Reduces Halitosis by Stimulating the Expression of ?-Defensins in Oral Keratinocytes.](#)

Microorganisms , Volume: 12 Issue: 11 2024 Oct 25

Authors Kim WJ,Jung G,Kim T,Kim J,Hurh BS,Kim H,Soung DY

Generalized Ketogenic Diet Induced Liver Impairment and Reduced Probiotics Abundance of Gut Microbiota in Rat.

Biology , Volume: 13 Issue: 11 2024 Nov 4

Authors Song G,Song D,Wang Y,Wang L,Wang W

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

Frontiers in nutrition , Volume: 11 2024

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

Effect of probiotic supplementation combined with bismuth-containing quadruple therapy on gut microbiota during Helicobacter pylori eradication: a randomized, double-blind, placebo-controlled trial.

Frontiers in nutrition , Volume: 11 2024

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

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

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

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

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

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

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

Asymptomatic enteric pathogen carriage and its association with proton pump inhibitors use in men who have sex with men in Taiwan, 2019–2022.

International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases , Volume: 149 2024 Oct 22

Authors Tsai CS,Lee NY,Chen PL,Chen SY,Lin YJ,Tsai PF,Tsai HP,Wang JL,Ko WC

Lacticaseibacillus paracasei NCU-04 relieves constipation and the depressive-like behaviors induced by loperamide in mice through the microbiome-gut-brain axis.

Current research in food science , Volume: 9 2024

Authors Li S,Li Y,Cai Y,Yan Z,Wei J,Zhang H,Yue F,Chen T

Supplementation of curcumin promotes the intestinal structure, immune barrier function and cecal microbiota composition of laying hens in early laying period.

Poultry science , Volume: 103 Issue: 12 2024 Sep 24

Authors Xu Z,Zhu W,Xu D,Amevor FK,Wu Y,Ma D,Cao X,Wei S,Shu G,Zhao X

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

Effects of Mint Oils on the Human Oral Microbiome: A Pilot Study.

Microorganisms , Volume: 12 Issue: 8 2024 Jul 27

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

In Vitro and In Silico Studies of the Antimicrobial Activity of Prenylated Phenylpropanoids of Green Propolis and Their Derivatives against Oral Bacteria.

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

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

Dietary Polycan, a β-glucan originating from *Aureobasidium pullulans*SM-2001, attenuates high-fat-diet-induced intestinal barrier damage in obese mice by modulating gut microbiota dysbiosis.

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

Authors Ko GP,Unno T,Kim YS,Kim J

Propolis as a functional food and promising agent for oral health and microbiota balance: A review study.

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

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

Preventive effect of Lacticaseibacillus paracasei LMT18-32 on Porphyromonas gingivalis induced periodontitis.

Food science and biotechnology , Volume: 33 Issue: 9 2024 Jul

Authors Choi WJ,Cho SK,Dong HJ,Kim TH,Soon J,Lee HJ,Yoon KH,Kwak S,Yun J

Luteolin, a natural flavonoid, exhibits a protective effect on intestinal injury induced by soybean meal in early-weaned piglets.

Journal of animal science , Volume: 102 2024 Jan 3

Authors Liang X,Zheng S,Zhou Y,Li J,Zhang Z

Effects of dietary supplementation of Enterococcus faecium postbiotics on growth performance and intestinal health of growing male mink.

Frontiers in veterinary science , Volume: 11 2024

Authors Cao L,Sun F,Ren Q,Jiang Z,Chen J,Li Y,Wang L

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

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

Physical activity shifts gut microbiota structure in aged subjects with overweight/obesity and metabolic syndrome.

Biology of sport , Volume: 41 Issue: 3 2024 Jul

Authors Ruiz-Limón P,Muralidharan J,Gómez-Pérez AM,Murri M,Vioque J,Corella D,Fitó M,Vidal J,Salas-Salvadó J,Torres-Collado L,Coltell O,Atzeni A,Castañer O,Bulló M,Bernal-López MR,Moreno-Indias I,Tinahones FJ

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

Food chemistry: X , Volume: 23 2024 Oct 30

Authors Luca L,Pauliuc D,Oroian M

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,Xu X,Yang M,Hou H,Li Z,Chen Y,Gong A

Lacticaseibacillus 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

Bifidobacterium bifidum Ameliorates DSS-Induced Colitis in Mice by Regulating Microbial Metabolome and Targeting Gut Microbiota.

Journal of agricultural and food chemistry , 2024 Jun 5

Authors Han M,Liang J,Hou M,Liu Y,Li H,Gao Z

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

Transcriptomic and proteomic analysis of the virulence inducing effect of ciprofloxacin on enterohemorrhagic Escherichia coli.

PLoS one , Volume: 19 Issue: 5 2024

Authors Kijewski ACR,Witsø IL,Sundaram AYM,Brynildsrød OB,Pettersen K,Anonsen EB,Anonsen JH,Aspholm ME

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

Endurance exercise associated with a fructooligosaccharide diet modulates gut microbiota and increases colon absorptive area.

Journal of gastroenterology and hepatology , Volume: 39 Issue: 6 2024 Jun

Authors Moura F,Romeiro C,Petriz B,Cavichioli N,Almeida JA,Castro A,Franco OL

Longitudinal Microbiome Changes in Children Exposed to Proton Pump Inhibitors.

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

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

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

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

Human-derived bacterial strains mitigate colitis via modulating gut microbiota and repairing intestinal barrier function in mice.

BMC microbiology , Volume: 24 Issue: 1 2024 Mar 23

Authors Dai J,Jiang M,Wang X,Lang T,Wan L,Wang J

Effects of Supplementation with Oregano Essential Oil during Late Gestation and Lactation on Serum Metabolites, Antioxidant Capacity and Fecal Microbiota of Sows.

Animals : an open access journal from MDPI , Volume: 14 Issue: 5 2024 Feb 28

Authors Zhang Y,Deng Y,Hao Y,Fang J,Feng J

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

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

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

Integrating fecal metabolomics and intestinal microbiota to study the mechanism of cannabidiol in the treatment of idiopathic pulmonary fibrosis.

Frontiers in pharmacology , Volume: 15 2024

Authors Sun M,Zhang F,Lu F,Yu D,Wang Y,Chen P,Liu S

Lacticaseibacillus paracasei CCFM1222 Ameliorated the Intestinal Barrier and Regulated Gut Microbiota in Mice with Dextran Sulfate Sodium-Induced Colitis.

Probiotics and antimicrobial proteins , 2024 Feb 20

Authors Guo W,Tang X,Zhang Q,Xiong F,Yan Y,Zhao J,Mao B,Zhang H,Cui S

[Analysis of gut target microbiota and species difference in patients with obstructive sleep apnea based on 16S rRNA sequencing].

Nan fang yi ke da xue xue bao = Journal of Southern Medical University , Volume: 44 Issue: 1 2024 Jan 20

Authors Zhu J,Lu M,Jiao Q,Sun Y,Liu L,Ding H,Yu Y,Pan L

Gut microbiota and metabolic profiles in chronic intermittent hypoxia-induced rats: disease-associated dysbiosis and metabolic disturbances.

Frontiers in endocrinology , Volume: 14 2023

Authors Li C,Shi S

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

Curcumin Mitigates the High-Fat High-Sugar Diet-Induced Impairment of Spatial Memory, Hepatic Metabolism, and the Alteration of the Gut Microbiome in Alzheimer's Disease-Induced (3xTg-AD) Mice.

Nutrients , Volume: 16 Issue: 2 2024 Jan 12

Authors Lamichhane G,Liu J,Lee SJ,Lee DY,Zhang G,Kim Y

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

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

Air particulate pollution exposure associated with impaired cognition via microbiota gut-brain axis: an evidence from rural elderly female in northwest China.

Environmental science and pollution research international , Volume: 31 Issue: 4 2024 Jan

Authors Yuan J,Tan H,Cheng Y,Ma X,Jiang S,Hou X,Li S,Shi L,Li P,Xu H,Lv J,Han B

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,Shultz MH,Correa H,Das SR,Choksi YA,Jacobse J,Goettel JA,Hiremath G

Curcumin alleviates traumatic brain injury induced by gas explosion through modulating gut microbiota and suppressing the LPS/TLR4/MyD88/NF-?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

Benefits of tributyrin on growth performance, gastrointestinal tract development, ruminal bacteria and volatile fatty acid formation of weaned Small-Tailed Han lambs.

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 15 2023 Dec

Authors Li Z,Wang X,Wang W,An R,Wang Y,Ren Q,Xuan J

Distinct Microbial Taxa Are Associated with LDL-Cholesterol Reduction after 12 Weeks of *Lactobacillus plantarum* Intake in Mild Hypercholesterolemia: Results of a Randomized Controlled Study.

Probiotics and antimicrobial proteins , 2023 Nov 28

Authors Kerlikowsky F,Müller M,Greupner T,Amend L,Strowig T,Hahn A

Cannabis and Endometriosis: The Roles of the Gut Microbiota and the Endocannabinoid System.

Journal of clinical medicine , Volume: 12 Issue: 22 2023 Nov 13

Authors Farooqi T,Bhuyan DJ,Low M,Sinclair J,Leonardi M,Armour M

Lactobacillus paracasei Relieves Constipation by Acting on the Acetic Acid-5-HT-Intestinal Motility Pathway.

Foods (Basel, Switzerland) , Volume: 12 Issue: 22 2023 Nov 20

Authors Wang L,Yang S,Mei C,Tang N,Wang J,Yu Q,Wang G,Wu G,Zhao J,Chen W

Does the ketogenic diet improve neurological disorders by influencing gut microbiota? A systematic review.

Nutrition journal , Volume: 22 Issue: 1 2023 Nov 20

Authors Mazandarani M,Lashkarbolouk N,Ejtahed HS,Qorbani M

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

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

Genomic DNA Extracted from *Lactiplantibacillus plantarum* Attenuates *Porphyromonas gingivalis* Lipopolysaccharide (LPS)-Induced Inflammatory Responses via Suppression of Toll-Like Receptor (TLR)-Mediated Mitogen-Activated Protein Kinase (MAPK) and Nuclear Factor-?B (NF-?B) Signaling Pathways.

Food science of animal resources , Volume: 43 Issue: 5 2023 Sep

Authors Choi YH,Kim BS,Kang SS

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

Journal of veterinary internal medicine , 2023 Sep 8

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

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

Phase Inversion-Based Doxycycline Hydclate-Incorporated Borneol In Situ Gel for Periodontitis Treatment.

Gels (Basel, Switzerland) , Volume: 9 Issue: 7 2023 Jul 7

Authors Lertsuphotvanit N,Tuntarawongsa S,Chantadee T,Phaechamud T

Flaxseed Bioactive Compounds: Chemical Composition, Functional Properties, Food Applications and Health Benefits-Related Gut Microbes.

Foods (Basel, Switzerland) , Volume: 11 Issue: 20 2022 Oct 21

Authors Mueed A,Shibli S,Korma SA,Madjirebaye P,Esatbeyoglu T,Deng Z

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

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

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

Sialic acid exacerbates gut dysbiosis-associated mastitis through the microbiota-gut-mammary axis by fueling gut microbiota disruption.

Microbiome , Volume: 11 Issue: 1 2023 Apr 17

Authors Zhao C,Hu X,Qiu M,Bao L,Wu K,Meng X,Zhao Y,Feng L,Duan S,He Y,Zhang N,Fu Y

Lactobacillus plantarum CCFM405 against Rotenone-Induced Parkinson's Disease Mice via Regulating Gut Microbiota and

Branched-Chain Amino Acids Biosynthesis.**Nutrients , Volume: 15 Issue: 7 2023 Apr 1****Authors Chu C,Yu L,Li Y,Guo H,Zhai Q,Chen W,Tian F**Psychobiotic Lactobacillus plantarum JYLP-326 relieves anxiety, depression, and insomnia symptoms in test anxious college via modulating the gut microbiota and its metabolism.**Frontiers in immunology , Volume: 14 2023****Authors Zhu R,Fang Y,Li H,Liu Y,Wei J,Zhang S,Wang L,Fan R,Wang L,Li S,Chen T**Antimicrobial and immunoregulatory effects of Lactobacillus delbrueckii 45E against genitourinary pathogens.**Journal of biomedical science , Volume: 30 Issue: 1 2023 Mar 23****Authors Bnfaqā AA,Lee KW,Than LTL,Amin-Nordin S**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**Change of gut microbiome structure in preterm infants with hypoxic ischemic encephalopathy induced by apnea.**Pediatrics and neonatology , Volume: 64 Issue: 4 2023 Jul****Authors Chen G,Li F,Du J**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 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**Comparative study between two different morphological structures based on polylactic acid, nanocellulose and magnetite for co-delivery of flurouracil and curcumin.**International journal of biological macromolecules , Volume: 230 2023 Mar 1****Authors Bakr EA,Gaber M,Saad DR,Salahuddin N**Amelioration of cognitive impairment using epigallocatechin-3-gallate in ovariectomized mice fed a high-fat diet involves remodeling with Prevotella and Bifidobacteriales.**Frontiers in pharmacology , Volume: 13 2022****Authors Qu Y,Wu Y,Cheng W,Wang D,Zeng L,Wang Y,Li T,Zhang L,Yang J,Sun L,Ai J**Obstructive sleep apnea is related to alterations in fecal microbiome and impaired intestinal barrier function.**Scientific reports , Volume: 13 Issue: 1 2023 Jan 15****Authors Li Q,Xu T,Shao C,Gao W,Wang M,Dong Y,Wang X,Lu F,Li D,Tan H,Jiang Y,Xie Q,Cai F,Feng L,Li T**Thyme (*Thymus vulgaris L.*) polyphenols ameliorate DSS-induced ulcerative colitis of mice by mitigating intestinal barrier damage, regulating gut microbiota, and suppressing TLR4/NF-?B-NLRP3 inflammasome pathways.**Food & function , Volume: 14 Issue: 2 2023 Jan 23****Authors Zhou Z,He W,Tian H,Zhan P,Liu J**Effects of Dietary Oregano Essential Oil on Cecal Microorganisms and Muscle Fatty Acids of Luhua Chickens.**Animals : an open access journal from MDPI , Volume: 12 Issue: 22 2022 Nov 20****Authors Wu T,Yang F,Jiao T,Zhao S**Lactobacillus rhamnosus GG protects against atherosclerosis by improving ketone body synthesis.**Applied microbiology and biotechnology , Volume: 106 Issue: 24 2022 Dec****Authors Zhai T,Ren W,Wang P,Zheng L**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**Dietary Oregano Essential Oil Supplementation Influences Production Performance and Gut Microbiota in Late-Phase Laying Hens Fed Wheat-Based Diets.**Animals : an open access journal from MDPI , Volume: 12 Issue: 21 2022 Nov 2****Authors Gao F,Zhang L,Li H,Xia F,Bai H,Piao X,Sun Z,Cui H,Shi L**Cedrol from ginger alleviates rheumatoid arthritis through dynamic regulation of intestinal microenvironment.**Food & function , Volume: 13 Issue: 22 2022 Nov 14****Authors Zhang Y,Liu Y,Peng F,Wei X,Hao H,Li W,Zhao Y**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

Differential regulation and preventive mechanisms of green tea powder with different quality attributes on high-fat diet-induced obesity in mice.

Frontiers in nutrition , Volume: 9 2022

Authors Wang J,Dong L,Hu JQ,Wang YY,Li A,Peng B,Zhang BW,Liu JM,Wang S

[Bifidobacterium bifidum TMC3115 Promotes Early Life Intestinal Microbiota Building to Alleviate Symptoms of Inflammatory Bowel Disease].

Sichuan da xue xue bao. Yi xue ban = Journal of Sichuan University. Medical science edition , Volume: 53 Issue: 5 2022 Sep

Authors Peng CR,Wang YM,Wang SL,Wu SM,Li JX,Cheng RY,He F,Shen X

Characteristics of salivary microbiota in children with obstructive sleep apnea: A prospective study with polysomnography.

Frontiers in cellular and infection microbiology , Volume: 12 2022

Authors Huang X,Chen X,Gong X,Xu Y,Xu Z,Gao X

Green tea extract alters gut microbiota and their metabolism of adults with metabolic syndrome in a host-free human colonic model.

Food research international (Ottawa, Ont.) , Volume: 160 2022 Oct

Authors Zhang S,Xu M,Sun X,Shi H,Zhu J

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

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

Postnatal exposure to ambient air pollutants is associated with the composition of the infant gut microbiota at 6-months of age.

Gut microbes , Volume: 14 Issue: 1 2022 Jan-Dec

Authors Bailey MJ,Holzhausen EA,Morgan ZEM,Naik N,Shaffer JP,Liang D,Chang HH,Sarnat J,Sun S,Berger PK,Schmidt KA,Lurmann F,Goran MI,Alderete TL

Effect of Intensity and Duration of Exercise on Gut Microbiota in Humans: A Systematic Review.

International journal of environmental research and public health , Volume: 19 Issue: 15 2022 Aug 3

Authors Bonomini-Gnutzmann R,Plaza-Díaz J,Jorquera-Aguilera C,Rodríguez-Rodríguez A,Rodríguez-Rodríguez F

Tributyrin administration improves intestinal development and health in pre-weaned dairy calves fed milk replacer.

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 10 2022 Sep

Authors Liu S,Wu J,Wu Z,Alugongo GM,Zahoor Khan M,Li J,Xiao J,He Z,Ma Y,Li S,Cao Z

Early life administration of Bifidobacterium bifidum BD-1 alleviates long-term colitis by remodeling the gut microbiota and promoting intestinal barrier development.

Frontiers in microbiology , Volume: 13 2022

Authors Peng C,Li J,Miao Z,Wang Y,Wu S,Wang Y,Wang S,Cheng R,He F,Shen X

Alteration of gut microbiota in high-fat diet-induced obese mice using carnosic acid from rosemary.

Food science & nutrition , Volume: 10 Issue: 7 2022 Jul

Authors He X,Zhang M,Li ST,Li X,Huang Q,Zhang K,Zheng X,Xu XT,Zhao DG,Ma YY

Effect of voluntary wheel running on gut microbiota composition in developing mice.

Nutricion hospitalaria , Volume: 39 Issue: 4 2022 Aug 25

Authors Wan C,Liu ZB,Tan H,Zhang Z,Zhou Q,Yao LH,Meng W,Wang S

16S rRNA gene sequencing reveals an altered composition of gut microbiota in children with Mycoplasma pneumoniae pneumonia treated with azithromycin.

The Journal of general and applied microbiology , Volume: 68 Issue: 6 2023 Mar 6

Authors Deng Q,Wang Z,Wu P,Liang H,Wu H,Zhang L,Ying J

The bioprofiling of antibacterials in olive leaf extracts via thin layer chromatography-effect directed analysis (TLC-EDA).

Journal of pharmaceutical and biomedical analysis , Volume: 219 2022 Sep 20

Authors Agatonovic-Kustrin S,Gegechkori V,Morton DW,Tucci J,Mohammed EUR,Ku H

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

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

Beneficial Effects of Linseed Supplementation on Gut Mucosa-Associated Microbiota in a Physically Active Mouse Model of Crohn's Disease.

International journal of molecular sciences , Volume: 23 Issue: 11 2022 May 24

Authors Plissonneau C,Sivignon A,Chassaing B,Capel F,Martin V,Etienne M,Wawrzyniak I,Chausse P,Dutheil F,Mairesse G,Chesneau G,Boisseau N,Barnich N

The Probiotic *Lactobacillus paracasei* Ameliorates Diarrhea Cause by *Escherichia coli* O(8) via Gut Microbiota Modulation(1).

Frontiers in nutrition , Volume: 9 2022

Authors Ren S,Wang C,Chen A,Lv W,Gao R

Combination of *Houttuynia cordata* polysaccharide and *Lactiplantibacillus plantarum* P101 alleviates acute liver injury by regulating gut microbiota in mice.

Journal of the science of food and agriculture , Volume: 102 Issue: 15 2022 Dec

Authors Xu X,Liu S,Zhao Y,Wang M,Hu L,Li W,Xu H

A Three-Day Intervention With Granola Containing Cereal Beta-Glucan Improves Glycemic Response and Changes the Gut Microbiota in Healthy Individuals: A Crossover Study.

Frontiers in nutrition , Volume: 9 2022

Authors Telle-Hansen VH,Gaundal L,Høgvard B,Ulven SM,Holven KB,Byfuglien MG,Måge I,Knutsen SH,Ballance S,Rieder A,Rud I,Myhrstad MCW

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

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

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

The Relationship between Physical Activity, Physical Exercise, and Human Gut Microbiota in Healthy and Unhealthy Subjects: A Systematic Review.

Biology , Volume: 11 Issue: 3 2022 Mar 21

Authors Cataldi S,Bonavolontà V,Poli L,Clemente FM,De Candia M,Carvutto R,Silva AF,Badicu G,Greco G,Fischetti F

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

Effects of Whole Brown Bean and Its Isolated Fiber Fraction on Plasma Lipid Profile, Atherosclerosis, Gut Microbiota, and Microbiota-Dependent Metabolites in Apoe(-/-) Mice.

Nutrients , Volume: 14 Issue: 5 2022 Feb 22

Authors Liu J,Hefni ME,Wittköft CM,Bergström M,Burleigh S,Nyman M,Hållenius F

Mediating effects of gut microbiota in the associations of air pollutants exposure with adverse pregnancy outcomes.

Ecotoxicology and environmental safety , Volume: 234 2022 Apr 1

Authors Gan Q,Ye W,Zhao X,Teng Y,Mei S,Long Y,Ma J,Rehemutula R,Zhang X,Zeng F,Jin H,Liu F,Huang Y,Gao X,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

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

***Bifidobacterium bifidum* Shows More Diversified Ways of Relieving Non-Alcoholic Fatty Liver Compared with *Bifidobacterium adolescentis*.**

Biomedicines , Volume: 10 Issue: 1 2021 Dec 31

Authors Wang L,Jiao T,Yu Q,Wang J,Wang L,Wang G,Zhang H,Zhao J,Chen W

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

Yeast β-Glucan Altered Intestinal Microbiome and Metabolome in Older Hens.

Frontiers in microbiology , Volume: 12 2021

Authors Zhen W,Liu Y,Shao Y,Ma Y,Wu Y,Guo F,Abbas W,Guo Y,Wang Z

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

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

An in-vitro comparison of four antibacterial agents with and without nicotine and their effects on human gingival fibroblasts.

Journal of periodontology , 2021 Dec 2

Authors Batra C,Alalshaikh M,Gregory RL,Windsor LJ,Blanchard SB,Hamada Y

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 dietary tributyrin and physterol ester supplementation on growth performance, intestinal morphology, microbiota and metabolites in weaned piglets.

Journal of applied microbiology , 2021 Oct 27

Authors Chen G,Zhuo R,Ding H,Yang K,Xue J,Zhang S,Chen L,Yin Y,Fang R

Effects of fermented wheat bran and yeast culture on growth performance, immunity and intestinal microflora in growing-finishing pigs.

Journal of animal science , 2021 Oct 23

Authors He W,Gao Y,Guo Z,Yang Z,Wang X,Liu H,Sun H,Shi B

Yeast β-glucan reduces obesity-associated Bilophila abundance and modulates bile acid metabolism in healthy and high-fat diet mouse models.

American journal of physiology. Gastrointestinal and liver physiology , Volume: 321 Issue: 6 2021 Dec 1

Authors So SY,Wu Q,Leung KS,Kundi ZM,Savidge TC,El-Nezami H

Ketogenic diet aggravates colitis, impairs intestinal barrier and alters gut microbiota and metabolism in DSS-induced mice.

Food & function , Volume: 12 Issue: 20 2021 Oct 19

Authors Li S,Zhuge A,Wang K,Lv L,Bian X,Yang L,Xia J,Jiang X,Wu W,Wang S,Wang Q,Li L

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,Lusis AJ

Lacticaseibacillus paracasei NK112 mitigates Escherichia coli-induced depression and cognitive impairment in mice by regulating IL-6 expression and gut microbiota.

Beneficial microbes , 2021 Sep 13

Authors Yun SW,Kim JK,Han MJ,Kim DH

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

Alterations in the gut microbiota contribute to cognitive impairment induced by the ketogenic diet and hypoxia.

Cell host & microbe , Volume: 29 Issue: 9 2021 Sep 8

Authors Olson CA,Iñiguez AJ,Yang GE,Fang P,Pronovost GN,Jameson KG,Rendon TK,Paramo J,Barlow JT,Ismagilov RF,Hsiao EY

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

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

Prevotella-rich enterotype may benefit gut health in finishing pigs fed diet with a high amylose-to-amylopectin ratio.

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 7 Issue: 2 2021.Jun

Authors Ren W,Yan H,Yu B,Walsh MC,Yu J,Zheng P,Huang Z,Luo J,Mao X,He J,Yan H,Chen D,Luo Y

Effects of Fermented Milk Containing Lacticaseibacillus paracasei Strain Shirota on Constipation in Patients with Depression: A Randomized, Double-Blind, Placebo-Controlled Trial.

Nutrients , Volume: 13 Issue: 7 2021.Jun 29

Authors Zhang X,Chen S,Zhang M,Ren F,Ren Y,Li Y,Liu N,Zhang Y,Zhang Q,Wang R

Evaluation of the Cholesterol-Lowering Mechanism of Enterococcus faecium Strain 132 and Lactobacillus paracasei Strain 201 in Hypercholesterolemia Rats.

Nutrients , Volume: 13 Issue: 6 2021.Jun 9

Authors Yang L,Xie X,Li Y,Wu L,Fan C,Liang T,Xi Y,Yang S,Li H,Zhang J,Ding Y,Xue L,Chen M,Wang J,Wu Q

Protective effect of Bifidobacterium bifidum FSDJN705 and Bifidobacterium breve FHNFQ23M3 on diarrhea caused by enterotoxigenic Escherichia coli.

Food & function , Volume: 12 Issue: 16 2021.Aug 21

Authors Yang B ,Huang Z ,He Z ,Yue Y ,Zhou Y ,Ross RP ,Stanton C ,Zhang H ,Zhao J ,Chen W

A diet high in sugar and fat influences neurotransmitter metabolism and then affects brain function by altering the gut microbiota.

Translational psychiatry , Volume: 11 Issue: 1 2021 May 27

Authors Guo Y,Zhu X,Zeng M,Qi L,Tang X,Wang D,Zhang M,Xie Y,Li H,Yang X,Chen D

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

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

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

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

Lactobacillus Sp in Reducing the Risk of Diabetes in High-Fat Diet-Induced Diabetic Mice by Modulating the Gut Microbiome and Inhibiting Key Digestive Enzymes Associated with Diabetes.

Biology , Volume: 10 Issue: 4 2021 Apr 20

Authors Gulnaz A,Nadeem J,Han JH,Lew LC,Son JD,Park YH,Rather IA,Hor YY

Implications of Tributyrin on Gut Microbiota Shifts Related to Performances of Weaning Piglets.

Microorganisms , Volume: 9 Issue: 3 2021 Mar 12

Authors Miragoli F,Patrone V,Prandini A,Sigolo S,Dell`Anno M,Rossi L,Senizza A,Morelli L,Callegari ML

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

Effects of Pretreatment with Bifidobacterium bifidum Using 16S Ribosomal RNA Gene Sequencing in a Mouse Model of Acute Colitis Induced by Dextran Sulfate Sodium.

Medical science monitor : international medical journal of experimental and clinical research , Volume: 27 2021

Mar 9

Authors Weng YJ,Jiang DX,Liang J,Ye SC,Tan WK,Yu CY,Zhou Y

Navy Bean Supplementation in Established High-Fat Diet-Induced Obesity Attenuates the Severity of the Obese Inflammatory Phenotype.

Nutrients , Volume: 13 Issue: 3 2021 Feb 26

Authors Monk JM,Wu W,Lepp D,Pauls KP,Robinson LE,Power KA

Intratracheally instillated diesel PM(2.5) significantly altered the structure and composition of indigenous murine gut microbiota.

Ecotoxicology and environmental safety , Volume: 210 2021 Mar 1

Authors Liu Y,Wang T,Si B,Du H,Liu Y,Waqas A,Huang S,Zhao G,Chen S,Xu A

The Effect of Xylooligosaccharide, Xylan, and Whole Wheat Bran on the Human Gut Bacteria.

Frontiers in microbiology , Volume: 11 2020

Authors Chen M,Liu S,Imam KMSU,Sun L,Wang Y,Gu T,Wen B,Xin F

Impact of Mediterranean Diet on Disease Activity and Gut Microbiota Composition of Rheumatoid Arthritis Patients.

Microorganisms , Volume: 8 Issue: 12 2020 Dec 14

Authors Picchianti Diamanti A,Panebianco C,Salerno G,Di Rosa R,Salemi S,Sorgi ML,Meneguzzi G,Mariani MB,Rai A,Iacono D,Sesti G,Pazienza V,Laganà B

Green tea leaf powder prevents dyslipidemia in high-fat diet-fed mice by modulating gut microbiota.

Food & nutrition research , Volume: 64 2020

Authors Wang J,Li P,Liu S,Zhang B,Hu Y,Ma H,Wang S

Modulation of gut microbiota and intestinal barrier function during alleviation of antibiotic-associated diarrhea with Rhizoma Zingiber officinale (Ginger) extract.

Food & function , Volume: 11 Issue: 12 2020 Dec 1

Authors Ma ZJ ,Wang HJ ,Ma XJ ,Li Y,Yang HJ ,Li H,Su JR ,Zhang CE ,Huang LQ

Adjunctive treatment with probiotics partially alleviates symptoms and reduces inflammation in patients with irritable bowel syndrome.

European journal of nutrition , 2020 Nov 22

Authors Xu H,Ma C,Zhao F,Chen P,Liu Y,Sun Z,Cui L,Kwok LY,Zhang H

Effects of Labrador Tea, Peppermint, and Winter Savory Essential Oils on Fusobacterium nucleatum.

Antibiotics (Basel, Switzerland) , Volume: 9 Issue: 11 2020 Nov 10

Authors Ben Lagha A,Vaillancourt K,Maquera Huacho P,Grenier D

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

Pinto beans modulate the gut microbiome, augment MHC II protein, and antimicrobial peptide gene expression in mice fed a normal or western-style diet.

The Journal of nutritional biochemistry , Volume: 88 2021 Feb

Authors Ojo BA,Lu P,Alake SE,Keirns B,Anderson K,Gallucci G,Hart MD,El-Rassi GD,Ritchey JW,Chowanadisai W,Lin D,Clarke S,Smith BJ,Lucas EA

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

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

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,Bartkienė E,Stankevičius A,Bernatoniene J,Zadeikė D,Lele V,Starkutė V,Zavistanaviciute P,Grigas J,Zokaitė E,Pautienė A,Juodeikiene G,Jakstas V

In Vitro Digestion and Fermentation by Human Fecal Microbiota of Polysaccharides from Flaxseed.

Molecules (Basel, Switzerland) , Volume: 25 Issue: 19 2020 Sep 23

Authors Zhou X,Zhang Z,Huang F,Yang C,Huang Q

Relative abundance of the Prevotella genus within the human gut microbiota of elderly volunteers determines the inter-individual responses to dietary supplementation with wheat bran arabinoxylan-oligosaccharides.

BMC microbiology , Volume: 20 Issue: 1 2020 Sep 14

Authors Chung WSF,Walker AW,Boscher D,Garcia-Campayo V,Wagner J,Parkhill J,Duncan SH,Flint HJ

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

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

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

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

Dietary α-Linolenic Acid-Rich Flaxseed Oil Exerts Beneficial Effects on Polycystic Ovary Syndrome Through Sex Steroid

Hormones-Microbiota-Inflammation Axis in Rats.

Frontiers in endocrinology , Volume: 11 2020

Authors Wang T,Sha L,Li Y,Zhu L,Wang Z,Li K,Lu H,Bao T,Guo L,Zhang X,Wang H

Soy food intake associates with changes in the metabolome and reduced blood pressure in a gut microbiota dependent manner.

Nutrition, metabolism, and cardiovascular diseases : NMCD , 2020 May 18

Authors Shah RD,Tang ZZ,Chen G,Huang S,Ferguson JF

Yeast β-glucan alleviates cognitive deficit by regulating gut microbiota and metabolites in Aβ(1)(-)42-induced AD-like mice.

International journal of biological macromolecules , Volume: 161 2020 Oct 15

Authors Xu M,Mo X,Huang H,Chen X,Liu H,Peng Z,Chen L,Rong S,Yang W,Xu S,Liu 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

Potential Probiotic or Trigger of Gut Inflammation - The Janus-Faced Nature of Cannabidiol-Rich Cannabis Extract.

Journal of dietary supplements , Volume: 17 Issue: 5 2020

Authors Skinner CM,Nookaei I,Ewing LE,Wongsurawat T,Jenjaroenpun P,Quick CM,Yee EU,Piccolo BD,ElSohly M,Walker LA,Gurley B,Koturbash I

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

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

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

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

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

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

Dietary intervention using (1,3)/(1,6)-β-glucan, a fungus-derived soluble prebiotic ameliorates high-fat diet-induced metabolic distress and alters beneficially the gut microbiota in mice model.

European journal of nutrition , Volume: 59 Issue: 6 2020 Sep

Authors Muthuramalingam K,Singh V,Choi C,Choi SI,Kim YM,Unno T,Cho M

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,Mo Y,Sun T,Liu M,Zhang H,Liang H

Effects of Lactobacillus plantarum on the intestinal morphology, intestinal barrier function and microbiota composition of suckling piglets.

Journal of animal physiology and animal nutrition , 2019 Sep 9

Authors Wang Q,Sun Q,Qi R,Wang J,Qiu X,Liu Z,Huang J

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

Combination of cannabinoids, delta-9-tetrahydrocannabinol (THC) and cannabidiol (CBD), mitigates experimental autoimmune encephalomyelitis (EAE) by altering the gut microbiome.

Brain, behavior, and immunity , Volume: 82 2019 Nov

Authors Al-Ghezi ZZ,Busbee PB,Alghetaa H,Nagarkatti PS,Nagarkatti M

Effect of Bay Leaves Essential Oil Concentration on the Properties of Biodegradable Carboxymethyl Cellulose-Based Edible Films.

Materials (Basel, Switzerland) , Volume: 12 Issue: 15 2019 Jul 24

Authors Rincón E,Serrano L,Balu AM,Aguilar JJ,Luque R,García A

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

Flaxseed diet caused inflammation by altering the gut microbiota of Peking ducks.

Animal biotechnology , Volume: 31 Issue: 6 2020 Dec

Authors Wu Y,Wang Y,Yin D,Shahid MS,Yuan J

Navy bean supplemented high-fat diet improves intestinal health, epithelial barrier integrity and critical aspects of the obese inflammatory phenotype.

The Journal of nutritional biochemistry , Volume: 70 2019 Aug

Authors Monk JM,Wu W,Lepp D,Welling HR,Hutchinson AL,Liddle DM,Graf D,Pauls KP,Robinson LE,Power KA

A comparative study on chemical composition, antibiofilm and biological activities of leaves extracts of four Tunisian olive cultivars.

Heliyon , Volume: 5 Issue: 5 2019 May

Authors Edziri H,Jaziri R,Chehab H,Verschaeve L,Flamini G,Boujnah D,Hammami M,Aouni M,Mastouri M

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

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

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,Deschaseaux 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

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

Compounds from Olea europaea and Pistacia lentiscus inhibit oral microbial growth.

BMC complementary and alternative medicine , Volume: 19 Issue: 1 2019 Feb 26

Authors Karygianni L,Cecere M,Argyropoulou A,Hellwig E,Skaltsounis AL,Wittmer A,Tchorz JP,Al-Ahmad A

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

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

Prevalence and Antimicrobial Susceptibility of Bacterial Uropathogens Isolated from Pediatric Patients at Yekatit 12 Hospital Medical College, Addis Ababa, Ethiopia.

International journal of microbiology , Volume: 2018 2018

Authors Merga Duffa Y,Terfa Kitila K,Mamuye Gebretsadik D,Bitew A

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

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

Functional modulation of caecal fermentation and microbiota in rat by feeding bean husk as a dietary fibre supplement.

Beneficial microbes , Volume: 9 Issue: 6 2018 Dec 7

Authors Myint H,Kishi H,Iwahashi Y,Saburi W,Koike S,Kobayashi Y

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

Effects of Natural Flavonoid Isoorientin on Growth Performance and Gut Microbiota of Mice.

Journal of agricultural and food chemistry , Volume: 66 Issue: 37 2018 Sep 19

Authors Yuan L,Li X,He S,Gao C,Wang C,Shao Y

[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

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

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

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

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

Green Tea Liquid Consumption Alters the Human Intestinal and Oral Microbiome.

Molecular nutrition & food research , Volume: 62 Issue: 12 2018 Jun

Authors Yuan X,Long Y,Ji Z,Gao J,Fu T,Yan M,Zhang L,Su H,Zhang W,Wen X,Pu Z,Chen H,Wang Y,Gu X,Yan B,Kaliannan K,Shao Z

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

Smoking and the intestinal microbiome.

Archives of microbiology , Volume: 200 Issue: 5 2018 Jul

Authors Savin Z,Kivity S,Yonath H,Yehuda S

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

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

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

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,Mitoro A,Yoshiji H

Evaluation of the effects of different diets on microbiome diversity and fatty acid composition of rumen liquor in dairy goat.

Animal : an international journal of animal bioscience , 2018 Jan 8

Authors Cremonesi P,Conte G,Severgnini M,Turri F,Monni A,Capra E,Rapetti L,Colombini S,Chessa S,Battelli G,Alves SP,Mele M,Castiglioni B

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

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
Associations Between Microbiota, Mitochondrial Function, and Cognition in Chronic Marijuana Users.

Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology , Volume: 13 Issue: 1 2018 Mar

Authors Panee J,Gerschenson M,Chang L

In-vitro antimicrobial activity and identification of bioactive components using GC-MS of commercially available essential oils in Saudi Arabia.

Journal of food science and technology , Volume: 54 Issue: 12 2017 Nov

Authors Ashraf SA,Al-Shammari E,Hussain T,Tajuddin S,Panda BP

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

Ketogenic diet poses a significant effect on imbalanced gut microbiota in infants with refractory epilepsy.

World journal of gastroenterology , Volume: 23 Issue: 33 2017 Sep 7

Authors Xie G,Zhou Q,Qiu CZ,Dai WK,Wang HP,Li YH,Liao JX,Lu XG,Lin SF,Ye JH,Ma ZY,Wang WJ

Navy and black bean supplementation primes the colonic mucosal microenvironment to improve gut health.

The Journal of nutritional biochemistry , Volume: 49 2017 Nov

Authors Monk JM,Lepp D,Wu W,Pauls KP,Robinson LE,Power KA

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

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

Changes in the intestinal microbiota following the administration of azithromycin in a randomised placebo-controlled trial among infants in south India

Scientific Reports , Volume: 7 2017 Aug 23

Authors Parker EP,Prahraj I,John J,Kaliappan SP,Kampmann B,Kang G,Grassly NC

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

A Randomized Trial to Assess the Effect of Fluoroquinolone Metaphylaxis on the Fecal Prevalence and Quinolone Susceptibilities of Salmonella and Campylobacter in Feedlot Cattle.

Foodborne pathogens and disease , Volume: 14 Issue: 10 2017 Oct

Authors Smith AB,Renter DG,Cernicchiaro N,Shi X,Nickell JS,Keil DJ,Nagaraja TG

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 <i>in vitro</i> antibacterial efficacy of 26 Indian spices against multidrug resistant urinary tract infecting bacteria.

Integrative medicine research , Volume: 3 Issue: 3 2014 Sep

Authors Rath S,Padhy RN

Next generation sequencing of oral microbiota in Type 2 diabetes mellitus prior to and after neem stick usage and correlation with serum monocyte chemoattractant-1

Diabetes research and clinical practice , Volume: 130 2017 Aug

Authors Anbalagan R,Srikanth P,Mani M,Barani R,Seshadri KG,Janarthanan R

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

Influence of chronic azithromycin treatment on the composition of the oropharyngeal microbial community in patients with severe asthma.

BMC microbiology , Volume: 17 Issue: 1 2017 May 10

Authors Lopes Dos Santos Santiago G,Brusselle G,Dauwe K,Deschaght P,Verhofstede C,Vaneechoutte D,Deschepper E,Jordens P,Joos G,Vaneechoutte M

Dietary pea fibre alters the microbial community and fermentation with increase in fibre degradation-associated bacterial groups in the colon of pigs.

Journal of animal physiology and animal nutrition , Volume: 102 Issue: 1 2018 Feb

Authors Luo Y,Chen H,Yu B,He J,Zheng P,Mao X,Yu J,Luo J,Huang Z,Chen D

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

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,Mountain SJ,Pasiakos SM

Tea polyphenols inhibit the growth and virulence properties of *Fusobacterium nucleatum*.

Scientific reports , Volume: 7 2017 Mar 21

Authors Ben Lagha A,Haas B,Grenier D

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

PeerJ , Volume: 5 2017

Authors Birmingham EN,Maclean 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

Biological activities of Rosmarinus officinalis L. (rosemary) extract as analyzed in microorganisms and cells.

Experimental biology and medicine (Maywood, N.J.) , Volume: 242 Issue: 6 2017 Mar

Authors de Oliveira JR,de Jesus D,Figueira LW,de Oliveira FE,Pacheco Soares C,Camargo SE,Jorge AO,de Oliveira LD

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

Antimicrobial Effects of Mastic Extract Against Oral and Periodontal Pathogens.

Journal of periodontology , Volume: 88 Issue: 5 2017 May

Authors Koychev S,Dommisch H,Chen H,Pischon N

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

Early-Life Sugar Consumption Affects the Rat Microbiome Independently of Obesity.

The Journal of nutrition , Volume: 147 Issue: 1 2017 Jan

Authors Noble EE,Hsu TM,Jones RB,Fodor AA,Goran MI,Kanoski SE

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

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

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

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

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

Consumption of a *Bifidobacterium bifidum* Strain for 4 Weeks Modulates Dominant Intestinal Bacterial Taxa and Fecal Butyrate in Healthy Adults.

Applied and environmental microbiology , Volume: 82 Issue: 19 2016 Oct 1

Authors Gargari G,Taverniti V,Balzaretti S,Ferrario C,Gardana C,Simonetti P,Guglielmetti S

Addition of arabinoxylan and mixed linkage glucans in porcine diets affects the large intestinal bacterial populations.

European journal of nutrition , Volume: 56 Issue: 6 2017 Sep

Authors Gorham JB,Kang S,Williams BA,Grant LJ,McSweeney CS,Gidley MJ,Mikkelsen D

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

Prevalence and Antimicrobial Resistance Patterns of Diarrheagenic *Escherichia coli* in Shanghai, China.

The Pediatric infectious disease journal , Volume: 35 Issue: 8 2016 Aug

Authors Huang Z,Pan H,Zhang P,Cao X,Ju W,Wang C,Zhang J,Meng J,Yuan Z,Xu X

Mediterranean diet and faecal microbiota: a transversal study.

Food & function , Volume: 7 Issue: 5 2016 May 18

Authors Gutiérrez-Díaz I,Fernández-Navarro T,Sánchez B,Margolles A,González S

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

Survey of the Antibiofilm and Antimicrobial Effects of *Zingiber officinale* (in Vitro Study).

Jundishapur journal of microbiology , Volume: 9 Issue: 2 2016 Feb

Authors Aghazadeh M,Zahedi Bialvaei A,Aghazadeh M,Kabiri F,Saliani N,Yousefi M,Eslami H,Samadi Kafil H

Dietary supplementation of *Rosmarinus officinalis* L leaves in sheep affects the abundance of rumen methanogens and other microbial populations.

Journal of animal science and biotechnology , Volume: 7 2016

Authors Cobellis G,Yu Z,Forte C,Acuti G,Trabalza-Marinucci M

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,Afriди MS,Fazal H,Shah Z,Rahman A,da Rocha JB

The intestinal microbiota of piglets fed with wheat bran variants as characterised by 16S rRNA next-generation amplicon sequencing.

Archives of animal nutrition , Volume: 70 Issue: 3 2016

Authors Krämer M,Ghanbari M,Domig KJ,Schedle K,Kneifel W

Potential of neem (*Azadirachta indica* L) for prevention and treatment of oncologic diseases.

Seminars in cancer biology , Volume: 40-41 2016 Oct

Authors Patel SM,Nagulapalli Venkata KC,Bhattacharyya P,Sethi G,Bishayee A

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

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

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

Evaluation of probiotic properties of Lactobacillus plantarum WLPL04 isolated from human breast milk.

Journal of dairy science , Volume: 99 Issue: 3 2016 Mar

Authors Jiang M,Zhang F,Wan C,Xiong Y,Shah NP,Wei H,Tao X

Antibacterial Activity of Probiotic Lactobacillus plantarum HK01: Effect of Divalent Metal Cations and Food Additives on Production Efficiency of Antibacterial Compounds.

Probiotics and antimicrobial proteins , Volume: 5 Issue: 2 2013 Jun

Authors Sharafi H,Alidost L,Lababpour A,Shahbani Zahiri H,Abbasi H,Vali H,Akbari Noghabi K

Review article: the antimicrobial effects of rifaximin on the gut microbiota.

Alimentary pharmacology & therapeutics , Volume: 43 Suppl 1 2016 Jan

Authors DuPont HL

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

High-level adherence to a Mediterranean diet beneficially impacts the gut microbiota and associated metabolome.

Gut , Volume: 65 Issue: 11 2016 Nov

Authors De Filippis F,Pellegrini N,Vannini L,Jeffery IB,La Storia A,Laghi L,Serrazanetti DI,Di Cagno R,Ferrocino I,Lazzi C,Turroni S,Cocolin L,Brigidi P,Neviani E,Gobbetti M,O'Toole PW,Ercolini D

Green tea epigallocatechin-3-gallate alleviates Porphyromonas gingivalis-induced periodontitis in mice.

International immunopharmacology , Volume: 29 Issue: 2 2015 Dec

Authors Cai Y,Chen Z,Liu H,Xuan Y,Wang X,Luan Q

In vitro and in vivo examination of anticolonization of pathogens by Lactobacillus paracasei FJ8611111.

Journal of dairy science , Volume: 98 Issue: 10 2015 Oct

Authors Deng K,Chen T,Wu Q,Xin H,Wei Q,Hu P,Wang X,Wang X,Wei H,Shah NP

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

Effects of dietary linseed oil and propionate precursors on ruminal microbial community, composition, and diversity in Yanbian yellow cattle.

PLoS one , Volume: 10 Issue: 5 2015

Authors Li XZ,Park BK,Shin JS,Choi SH,Smith SB,Yan CG

Monosodium L-Glutamate and Dietary Fat Differently Modify the Composition of the Intestinal Microbiota in Growing Pigs.

Obesity facts , Volume: 8 Issue: 2 2015

Authors Feng ZM,Li TJ,Wu L,Xiao DF,Blachier F,Yin YL

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

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

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

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

Assessment of Bioautography and Spot Screening of TLC of Green Tea (Camellia) Plant Extracts as Antibacterial and Antioxidant Agents

Indian Journal of Pharmaceutical Sciences , Volume: 76 Issue: 4 2014 Jul-Aug

Authors Bashir S,Khan BM,Babar M,Andleeb S,Hafeez M,Ali S,Khan MF

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

Dietary supplementation with soybean oligosaccharides increases short-chain fatty acids but decreases protein-derived catabolites in the intestinal luminal content of weaned Huanjiang mini-piglets.

Nutrition research (New York, N.Y.) , Volume: 34 Issue: 9 2014 Sep

Authors Zhou XL,Kong XF,Lian GQ,Blachier F,Geng MM,Yin YL

High-level antimicrobial efficacy of representative Mediterranean natural plant extracts against oral microorganisms.

BioMed research international , Volume: 2014 2014

Authors Karygianni L,Cecere M,Skaltsounis AL,Argyropoulou A,Hellwig E,Aligiannis N,Wittmer A,Al-Ahmad A

Fermentable non-starch polysaccharides increases the abundance of *Bacteroides*-*Prevotella*-*Porphyromonas* in ileal microbial community of growing pigs.

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

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

Bacteriologic profile and antibiogram of blood culture isolates from a children`s hospital in Kabul.

Journal of the College of Physicians and Surgeons–Pakistan : JCPSP , Volume: 24 Issue: 6 2014 Jun

Authors Tariq TM

Impact of diet and individual variation on intestinal microbiota composition and fermentation products in obese men

The ISME Journal , Volume: 8 Issue: 11 2014 Apr 24

Authors Salonen A,Lahti L,Salojärvi J,Holtrop G,Korpela K,Duncan SH,Date P,Farquharson F,Johnstone AM,Lobley GE,Louis P,Flint HJ,de Vos WM

Antibacterial effect of Iranian green-tea-containing mouthrinse vs chlorhexidine 0.2%: an in vitro study.

Oral health & preventive dentistry , Volume: 12 Issue: 2 2014

Authors Ardakani MR,Golmohammadi S,Ayremliou S,Taheri S,Daneshvar S,Meimandi M

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

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

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

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

Evaluation of bean and soy tempeh influence on intestinal bacteria and estimation of antibacterial properties of bean tempeh.

Polish journal of microbiology , Volume: 62 Issue: 2 2013

Authors Kuligowski M,Jasinska-Kuligowska I,Nowak J

Probiotic features of two oral *Lactobacillus* isolates.

Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , Volume: 43 Issue: 1 2012 Jan

Authors Zavacic G,Petricevic S,Radulovic Z,Begovic J,Golic N,Topisirovic L,Strahinic I

Effects of inulin and di-D-fructose dianhydride-enriched caramels on intestinal microbiota composition and performance of broiler chickens.

Animal : an international journal of animal bioscience , Volume: 7 Issue: 11 2013 Nov

Authors Peinado MJ,Echávarri A,Ruiz R,Suárez-Pereira E,Ortiz Mellet C,García Fernández JM,Rubio LA

Green tea extract as a local drug therapy on periodontitis patients with diabetes mellitus: A randomized case-control study.

Journal of Indian Society of Periodontology , Volume: 17 Issue: 2 2013 Mar

Authors Gadagi JS,Chava VK,Reddy VR

Effects of vanillin, quillaja saponin, and essential oils on in vitro fermentation and protein-degrading microorganisms of the

rumen.

Applied microbiology and biotechnology , Volume: 98 Issue: 2 2014 Jan

Authors Patra AK,Yu Z

Green tea epigallocatechin-3-gallate attenuates Porphyromonas gingivalis-induced atherosclerosis.

Pathogens and disease , Volume: 67 Issue: 1 2013 Feb

Authors Cai Y,Kurita-Ochiai T,Hashizume T,Yamamoto M

Fecal microbial communities of healthy adult dogs fed raw meat-based diets with or without inulin or yeast cell wall extracts as assessed by 454 pyrosequencing.

FEMS microbiology ecology , Volume: 84 Issue: 3 2013 Jun

Authors Beloshapka AN,Dowd SE,Suchodolski JS,Steiner JM,Duclos L,Swanson KS

Luteolin and fisetin inhibit the effects of lipopolysaccharide obtained from Porphyromonas gingivalis in human gingival fibroblasts.

Molecular biology reports , Volume: 40 Issue: 1 2013 Jan

Authors Gutiérrez-Venegas G,Contreras-Sánchez A

Isoflavonoids and coumarins from Glycyrhiza uralensis: antibacterial activity against oral pathogens and conversion of isoflavans into isoflavan-quinones during purification.

Journal of natural products , Volume: 74 Issue: 12 2011 Dec 27

Authors Gafner S,Bergeron C,Villinski JR,Godejohann M,Kessler P,Cardellina JH,Ferreira D,Feghali K,Grenier D

The association of minocycline and the probiotic Escherichia coli Nissle 1917 results in an additive beneficial effect in a DSS model of reactivated colitis in mice.

Biochemical pharmacology , Volume: 82 Issue: 12 2011 Dec 15

Authors Garrido-Mesa N,Utrilla P,Comalada M,Zorrilla P,Garrido-Mesa J,Zarzuelo A,Rodríguez-Cabezas ME,Gálvez J

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

Sitaflloxacin: in bacterial infections.

Drugs , Volume: 71 Issue: 6 2011 Apr 16

Authors Keating GM

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

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

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

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

Antibacterial effects of the essential oils of commonly consumed medicinal herbs using an in vitro model.

Molecules (Basel, Switzerland) , Volume: 15 Issue: 11 2010 Oct 27

Authors Sokovic M,Glamocilja J,Marin PD,Brkic D,van Griensven LJ

Biodegradable gelatin-chitosan films incorporated with essential oils as antimicrobial agents for fish preservation.

Food microbiology , Volume: 27 Issue: 7 2010 Oct

Authors Gómez-Estaca J,López de Lacey A,López-Caballero ME,Gómez-Guillén MC,Montero P

Dominant and diet-responsive groups of bacteria within the human colonic microbiota.

The ISME journal , Volume: 5 Issue: 2 2011 Feb

Authors Walker AW,Ince J,Duncan SH,Webster LM,Holtrop G,Ze X,Brown D,Stares MD,Scott P,Bergerat A,Louis P,McIntosh F,Johnstone AM,Lobley GE,Parkhill J,Flint HJ

Short-term antibiotic treatment has differing long-term impacts on the human throat and gut microbiome.

PLoS one , Volume: 5 Issue: 3 2010 Mar 24

Authors Jakobsson HE,Jernberg C,Andersson AF,Sjölund-Karlsson M,Jansson JK,Engstrand L

Antibacterial activity of the broad bean extracts on resistant bacteria.

Pakistan journal of biological sciences : PJBS , Volume: 10 Issue: 3 2007 Feb 1

Authors Peyvast G,Khorsandi Z

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

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

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

[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 ZJ,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

Microbiologic changes following administration of locally delivered doxycycline in smokers: a 15-month follow-up.
Journal of periodontology , Volume: 78 Issue: 11 2007 Nov

Authors M Shaddox L,Andia DC,Casati MZ,Nociti FH Jr,Sallum EA,Gollwitzer J,Walker CB
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

Susceptibility of *Prevotella intermedia*/*Prevotella nigrescens* (and *Porphyromonas gingivalis*) to propolis (bee glue) and other antimicrobial agents.

Anaerobe , Volume: 8 Issue: 1 2002 Feb

Authors Santos FA,Bastos EM,Rodrigues PH,de Uzeda M,de Carvalho MA,Farias Lde M,Moreira ES
Antimicrobial effect of mastic gum methanolic extract against *Porphyromonas gingivalis*.

Journal of medicinal food , Volume: 9 Issue: 2 2006 Summer

Authors Sterer N

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

Antimicrobial and antiplasmid activities of essential oils.

Fitoterapia , Volume: 77 Issue: 4 2006 Jun

Authors Schelz Z,Molnar J,Hohmann J

Propolis extract as an adjuvant to periodontal treatment.

Oral health & preventive dentistry , Volume: 1 Issue: 1 2003

Authors Gebara EC,Pustiglioni AN,de Lima LA,Mayer MP

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

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

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

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

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

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

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

Evaluation of N-acetylchitooligosaccharides as the main carbon sources for the growth of intestinal bacteria.

FEMS microbiology letters , Volume: 209 Issue: 1 2002 Mar 19

Authors Chen HC,Chang CC,Mau WJ,Yen LS

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 .

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,Rouby Y,Teyssou R

Comparative effects of moxifloxacin and clarithromycin on the normal intestinal microflora.

Scandinavian journal of infectious diseases , Volume: 32 Issue: 1 2000

Authors Edlund C,Beyer G,Hiemer-Bau M,Ziege S,Lode H,Nord CE

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

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

[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,Terai 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 Ballongué J,Schumann C,Quignon P

Cefuroxime compared to amoxicillin-clavulanic acid in the treatment of community-acquired pneumonia.

Singapore medical journal , Volume: 37 Issue: 3 1996 Jun

Authors Oh HM,Ng AW,Lee SK

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

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

Comparison of utilization of pectins from various sources by pure cultures of pectinolytic rumen bacteria and mixed cultures of rumen microorganisms.

Acta microbiologica Polonica , Volume: 43 Issue: 1 1994

Authors Kasperowicz A

The fermentation of lactulose by colonic bacteria.

Journal of general microbiology , Volume: 128 Issue: 2 1982 Feb

Authors Sahota SS,Bramley PM,Menizes IS

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

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,Waites WM

Phenolic constituents in Erythrina x bidwillii and their activity against oral microbial organisms.

Chemical & pharmaceutical bulletin , Volume: 40 Issue: 10 1992 Oct

Authors Iinuma M,Tanaka T,Mizuno M,Yamamoto H,Kobayashi Y,Yonemori S

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

Infectious Disease and Antibiotic Agents

antimicrobe: Infectious Disease and Antibiotic Agents , Volume:

Authors E-Sun Technologies

Effects of probiotic Enterococcus faecium NCIMB 11181 administration on swine fecal microbiota diversity and composition using barcoded pyrosequencing

Animal Feed Science and Technology , Volume: 201 2015 Mar

Authors Edward Alain B.Pajarillo,Dae-Kyung Kang,Chan-Soo Park,Hyeun Bum Kim,Marilen P Balolong

Curated database of commensal, symbiotic and pathogenic microbiota

Generative Bioinformatics , Volume: Issue: 2014 Jun

Authors D'Adamo Peter

Curcumin consumption reduces gut microbial diversity among patients with colorectal adenomas

The FASEB Journal , Volume: 26 Issue: 1 2012 Apr 1

Authors April McLaughlin,Felix Araujo-Perez,Nikki McCoy,Kevin Smith,Bob Sandler,Gary Asher,Temitope Keku

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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-Haptic 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
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