

## Microbiome Information for: Dermatomyositis

### For non-prescribing Medical professionals Review

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

Many recent studies 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](mailto:Research@MicrobiomePrescription.com)

[Our Facebook Discussion Page](#)

## Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of Dermatomyositis

*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
Bacteroidia	class	High	200643	Dialister	genus	Low	39948
Christensenellaceae	family	Low	990719	Lachnospiraceum	genus	High	1506553
Ruminococcaceae	family	High	541000	Streptococcus	genus	High	1301
Alloprevotella	genus	High	1283313	Sutterella	genus	High	40544
Anaerotruncus	genus	Low	244127	Tyzzerella	genus	High	1506577
Bifidobacterium	genus	Low	1678	Staphylococcus aureus	species	High	1280

## Substance to Consider Adding or Taking

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

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

Abstention from eating {Fasting}

Nicotine, Nicotine Patch

Adeps suillus {Lard}

Rubus fruticosus {Blackberry}

Astragalus

Saccharomyces cerevisiae var boulardii {S. boulardii}

6 BCFU/day

Cucurbita pepo {Pumpkin}

sodium butyrate

Ethanoic acid {Vinegar}

Thiamine {Vitamin B1} 1.8 gram/day

Ferrum {Iron Supplements}

400 mg/day

vegetarians

## Retail Probiotics

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

microbiome labs / restorflora  
Bromatech (IT) / Enterelle  
florastor / florastor  
Bioflora (MX) / BIOFLORAMX / 50 BILLION 10 Strains  
imaglin / NutriLots Replenish  
Ombre / Endless Energy  
optibac / saccharomyces boulardii  
spain (es) / ultralevura  
organic 3 / yeastbiotic  
Bromatech / ENTERELLE PLUS  
SuperSmart / Saccharomyces Boulardii  
Schwabe Pharma Italia / AxiBoulardi  
Ombre / Metabolic Booster  
spain (es) / axiboulardi  
Eden's / 3-in-1 Synbiotic Superblend  
Bulk Probiotics / Saccharomyces boulardii Probiotic Powder (Digestive Support)  
nature's instincts / ultra spore probiotic

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

## Substance to Consider Reducing or Eliminating

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

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

(2->1)-beta-D-fructofuranan {Inulin}

Bifidobacterium animalis subsp. lactis {B. Lactis}

Cinnamomum zeylanicum {Ceylon Cinnamon}

Diferuloylmethane {Curcumin}

fruit

fruit/legume fibre

Honey {Honey }

Lactobacillus plantarum {L. plantarum}

oligosaccharides {oligosaccharides}

Propolis {Bee glue}

rosmarinus officinalis {rosemary}

Thymus vulgaris {thyme}

Zingiber officinale Roscoe {ginger}

## Sample of Literature Used

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

[Genetically predicted the causal relationship between gut microbiota and the risk of polymyositis/dermatomyositis: a Mendelian randomization analysis.](#)

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

Authors Niu Y,Zhang Y,Fan K,Hou J,Liu L,Zhang H,Geng X,Ma X,Lin S,Guo M,Li X,Zhang S

[Altered Gut Microbiome in Patients With Dermatomyositis.](#)

**ACR open rheumatology**, 2022 May 26

Authors Bae SS,Dong TS,Wang J,Lagishetty V,Katzka W,Jacobs JP,Charles-Schoeman C

[Staphylococcal infections in childhood dermatomyositis—association with the development of calcinosis, raised IgE concentrations and granulocyte chemotactic defect.](#)

**Annals of the rheumatic diseases**, Volume: 51 Issue: 3 1992 Mar

Authors Moore EC,Cohen F,Douglas SD,Gutta V

[Thyme oil-loaded chitosan microparticles: an antibacterial approach against pathogenic bacteria.](#)

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

Authors Thakur A,Sharma K

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

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

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

[GC/MS and LC Composition Analysis of Essential Oil and Extracts From Wild Rosemary: Evaluation of Their Antioxidant, Antimicrobial, and Anti-Inflammatory Activities.](#)

**Biomedical chromatography : BMC**, Volume: 39 Issue: 5 2025 May

Authors Mahboub N,Cherfi I,Laouini SE,Bouafia A,Benaissa A,Alia K,Alharthi F,Al-Essa K,Menaa F

[Effects of combined prebiotic fiber supplementation and weight loss counseling in adults with metabolic dysfunction-associated steatotic liver disease: a randomized controlled trial.](#)

**European journal of nutrition**, Volume: 64 Issue: 4 2025 Apr 2

Authors Mayengbam S,Raman M,Parnell JA,Eksteen B,Lambert JE,Eller LK,Nicolucci AC,Aktary ML,Reimer RA

[Antimicrobial Sponge: A Polyvinyl Alcohol, Tannic Acid and Curcumin-Loaded Nanolignin Hydrogel Composite Scaffold.](#)

**Gels (Basel, Switzerland)**, Volume: 11 Issue: 3 2025 Feb 26

Authors Anand R,Collard D,Thomann JS,Duday D

[The Development and Comparative Evaluation of Rosemary Hydroalcoholic Macerate-Based Dermatocosmetic Preparations: A Study on Antioxidant, Antimicrobial, and Anti-Inflammatory Properties.](#)

**Gels (Basel, Switzerland)**, Volume: 11 Issue: 3 2025 Feb 20

Authors Sahlabgi A,Lupuliasa D,Stanciu G,Lup?or S,Vlaia LL,Rotariu R,Predescu NC,Radulescu C,Olteanu RL,Stanescu SG,Hincu L,Mititelu M

[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

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

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

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

[Chemical Characterization and Antibiotic-Enhancing Activity of the Essential Oils of Propolis of Melipona quadrifasciata quadrifasciata.](#)

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

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

[Multi-Omics Approach to Evaluate Effects of Dietary Sodium Butyrate on Antioxidant Capacity, Immune Function and Intestinal Microbiota Composition in Adult Ragdoll Cats.](#)

**Metabolites**, Volume: 15 Issue: 2 2025 Feb 11

Authors Zhang A,Li D,Yu T,Zhang M,Cui Y,Wang H,Dong T,Wu Y

[Chemical Characterization and Antimicrobial Activity of Green Propolis from the Brazilian Caatinga Biome.](#)

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

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

[Determination of antibacterial and antioxidant potential of organic crude extracts from Malus domestica, Cinnamomum](#)

verum and Trachyspermum ammi.

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

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

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

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

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

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

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

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

Amelioration of inflammatory bowel disease by Bifidobacterium animalis subsp. lactis XLTG11 in combination with mesalazine.

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

**Authors** Ma W,Wu Y,Lin X,Yang L,Huang L

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

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

**Authors** Thongwong P,Wattanathorn J,Thukham-Mee W

Natural compounds in the fight against Staphylococcus aureus biofilms: a review of antibiofilm strategies.

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

**Authors** Kashi M,Noei M,Chegini Z,Shariati A

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

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

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

Phytochemicals, antioxidant, and antimicrobial activities of Opuntia stricta fruits peel.

**Open veterinary journal , Volume: 14 Issue: 10 2024 Oct**

**Authors** Affi W,Mohamed AA,Gharsallah N,Smetanska I,Zourgui L

Growth assessment of mixed cultures of probiotics and common pathogens.

**Anaerobe , 2023 Oct 28**

**Authors** Fredua-Agyeman M,Stapleton P,Gaisford S

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

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

**Authors** Hindle VK,Veasley NM,Holscher HD

Bone Healing via Carvacrol and Curcumin Nanoparticle on 3D Printed Scaffolds.

**Small (Weinheim an der Bergstrasse, Germany) , 2024 Oct 27**

**Authors** Dahiya A,Chaudhari VS,Bose S

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

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

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

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

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

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

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

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

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

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,Ameyor FK,Wu Y,Ma D,Cao X,Wei S,Shu G,Zhao X

Oral delivery of electrohydrodynamically encapsulated Lactiplantibacillus plantarum CRD7 modulates gut health, antioxidant activity, and cytokines-related inflammation and immunity in mice.

**Food & function , 2024 Oct 11**

**Authors** Varada W,Kumar S,Balaga S,Thanippilly AJ,Pushpadass HA,M RH,Jangir BL,Tyagi N,Samanta AK

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

randomized controlled trial.

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

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

Alginate Oligosaccharides Enhance Gut Microbiota and Intestinal Barrier Function, Alleviating Host Damage Induced by Deoxynivalenol in Mice.

**The Journal of nutrition , Volume: 154 Issue: 11 2024 Nov**

Authors Mi J,Tong Y,Zhang Q,Wang Q,Wang Y,Lin G,Ma Q,Li T,Huang S

Rosmarinus officinalis and Zataria multiflora extracts enhanced antibacterial activity of ciprofloxacin against methicillin-resistant *Staphylococcus aureus*.

**Natural product research , 2024 Oct 1**

Authors Samadi Z,Mousavi Ghahfarrokh SS,Jafari H,Nikrou S,Vazirian M,Samadi N

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

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

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

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

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

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

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

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

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

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

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

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

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

Yeast mixture supplementation modulates faecal microbiota and ileum morphology of weaning pigs.

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

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

Effects of bacteriocin-producing *Lactiplantibacillus plantarum* on bacterial community and fermentation profile of whole-plant corn silage and its in vitro ruminal fermentation, microbiota, and CH(4) emissions.

**Journal of animal science and biotechnology , Volume: 15 Issue: 1 2024 Aug 7**

Authors Li Z,Usman S,Zhang J,Zhang Y,Su R,Chen H,Li Q,Jia M,Amole TA,Guo X

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

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

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

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

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

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

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

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

Authors Oliveira RD,Araújo C,Almeida-Aguiar C

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

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

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

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

**Food & function , 2024 Jul 19**

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

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

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

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

- Microencapsulated Lactobacillus plantarum promotes intestinal development through gut colonization of layer chicks.
- Animal nutrition (Zhongguo xu mu shou yi xue hui)**, Volume: 18 2024 Sep  
Authors Cui Y,Liu Y,Yang J,Duan H,Wang P,Guo L,Guo Y,Li S,Zhao Y,Wang J,Qi G,Guan J  
Curcumin-based residue-free and reusable photodynamic inactivation system for liquid foods and its application in freshly squeezed orange juice.
- Food chemistry**, Volume: 458 2024 Nov 15  
Authors Liu Y,Li Y,Shao C,Wang P,Wang X,Li R  
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  
Ameliorating effects of Orostachys japonica against high-fat diet-induced obesity and gut dysbiosis.
- Journal of ethnopharmacology** , Volume: 333 2024 Jun 21  
Authors Chae YR,Lee HB,Lee YR,Yoo G,Lee E,Park M,Choi SY,Park HY  
3D printed scaffolds with quercetin and vitamin D3 nanocarriers: In vitro cellular evaluation.
- Journal of biomedical materials research. Part A** , 2024 Jun 18  
Authors Bose S,Chaudhari VS,Kushram P  
Fasting-Induced Molting Impacts the Intestinal Health by Altering the Gut Microbiota.
- Animals : an open access journal from MDPI** , Volume: 14 Issue: 11 2024 May 31  
Authors Zhang H,Zhang Y,Gong Y,Zhang J,Li D,Tian Y,Han R,Guo Y,Sun G,Li W,Zhang Y,Zhao X,Zhang X,Wang P,Kang X,Jiang R  
A host-microbial metabolite interaction gut-on-a-chip model of the adult human intestine demonstrates beneficial effects upon inulin treatment of gut microbiome.
- Microbiome research reports** , Volume: 3 Issue: 2 2024  
Authors Donkers JM,Wiese M,van den Broek TJ,Wierenga E,Agamennone V,Schuren F,van de Steeg E  
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  
Nicotine promotes Staphylococcus aureus-induced osteomyelitis by activating the Nrf2/Slc7a11 signaling axis.
- International immunopharmacology** , Volume: 135 2024 Jun 30  
Authors Zhou X,Ma S,Xu Y,Sun C,Liao J,Song M,Li G,Yuchen L,Chen P,Hu Y,Wang Y,Yu B  
Effects of fructooligosaccharides and Saccharomyces boulardii on the compositional structure and metabolism of gut microbiota in students.
- Microbiological research** , Volume: 285 2024 Aug  
Authors Fu H,Chen Z,Teng W,Du Z,Zhang Y,Ye X,Yu Z,Zhang Y,Pi X  
Inulin supplementation exhibits increased muscle mass via gut-muscle axis in children with obesity: double evidence from clinical and in vitro studies.
- Scientific reports** , Volume: 14 Issue: 1 2024 May 16  
Authors Visuthranukul C,Leelahanichkul A,Tepaamorndech S,Chamni S,Mekangkul E,Chomtho S  
Antitumor Effect and Gut Microbiota Modulation by Quercetin, Luteolin, and Xanthohumol in a Rat Model for Colorectal Cancer Prevention.
- Nutrients** , Volume: 16 Issue: 8 2024 Apr 13  
Authors Pérez-Valero Á,Magadán-Corpas P,Ye S,Serna-Diestro J,Sordon S,Huszczca E,Poplonski J,Villar CJ,Lombó F  
Antivirulence Effects of Trans-Resveratrol and Curcumin on Methicillin-Resistant Staphylococcus aureus (MRSA) from Saudi Arabia.
- Life (Basel, Switzerland)** , Volume: 14 Issue: 4 2024 Apr 10  
Authors Alqahtani M,Almukainzi M,Alghoribi MF,El-Mahdy AM  
Influence of Gelatin and Propolis Extract on Honey Gummy Jelly Properties: Optimization Using D-Optimal Mixture Design.
- Gels (Basel, Switzerland)** , Volume: 10 Issue: 4 2024 Apr 21  
Authors Kaewpatch K,Yolsuriyan S,Disayathanoowat T,Phokasem P,Jannu T,Renaldi G,Samakradhamrongthai RS  
Inulin has a beneficial effect by modulating the intestinal microbiome in a BALB/c mouse model.
- Beneficial microbes** , Volume: 14 Issue: 4 2023 Sep 1  
Authors Zhu Z,Hu C,Liu Y,Wang F,Zhu B  
Pharmacological Potential Effects of Algerian Propolis Against Oxidative Stress, Multidrug-Resistant Pathogens Biofilm and Quorum-Sensing.
- Turkish journal of pharmaceutical sciences** , Volume: 21 Issue: 1 2024 Mar 25  
Authors Hadjab W,Zellagui A,Mokrani M,Öztürk M,Ceylan Ö,Gherraf N,Bensouici C  
Inulin protects against the harmful effects of dietary emulsifiers on mice gut microbiome.
- PeerJ** , Volume: 12 2024

**Authors Bekar C,Ozmen O,Ozkul C,Ayaz A**

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

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

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

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

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

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

Screening competition and cross-feeding interactions during utilization of human milk oligosaccharides by gut microbes.

**Microbiome research reports , Volume: 3 Issue: 1 2024**

**Authors Díaz R,Garrido D**

Effect of different forms of tobacco on the oral microbiome in healthy adults: a systematic review.

**Frontiers in oral health , Volume: 5 2024**

**Authors Senaratne NLM,Yung On C,Shetty NY,Gopinath D**

Olive oil nanoemulsion containing curcumin: antimicrobial agent against multidrug-resistant bacteria.

**Applied microbiology and biotechnology , Volume: 108 Issue: 1 2024 Feb 27**

**Authors Confessor MVA,Agreles MAA,Campos LAA,Silva Neto AF,Borges JC,Martins RM,Scavuzzi AML,Lopes ACS,Kretzschmar EAM,Cavalcanti IMF**

The Effect of Oral Iron Supplementation/Fortification on the Gut Microbiota in Infancy: A Systematic Review and Meta-Analysis.

**Children (Basel, Switzerland) , Volume: 11 Issue: 2 2024 Feb 10**

**Authors Karamantzian I,Pouliakis A,Xanthos T,Ekmektzoglou K,Paliatsiou S,Sokou R,Iacovidou N**

Biochemical Profiling and Physicochemical and Biological Valorization of Iraqi Honey: A Comprehensive Analysis.

**Molecules (Basel, Switzerland) , Volume: 29 Issue: 3 2024 Jan 31**

**Authors Hameed OM,Shaker OM,Ben Slima A,Makni M**

Effect of Lacticaseibacillus paracasei K56 with galactooligosaccharide synbiotics on obese individuals: an in vitro fermentation model.

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

**Authors Zhang Q,Zhao W,He J,He J,Shi S,Sun M,Niu X,Zeng Z,Zhao Y,Zhang Y,Wang P,Li Y,Zhang C,Duan S,Hung WL,Wang R**

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

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

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

The antioxidant strain Lactiplantibacillus plantarum AS21 and Clostridium butyricum ameliorate DSS-induced colitis in mice by remodeling the assembly of intestinal microbiota and improving gut functions.

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

**Authors Li W,Zhang Y,Chen M,Guo X,Ding Z**

Argan: Phytochemical profiling and evaluation of the antioxidant, hypoglycemic, and antibacterial properties of its fruit pulp extracts.

**Heliyon , Volume: 10 Issue: 1 2024 Jan 15**

**Authors Alaoui A,Sahri N,Mahdi I,Fahsi N,El Herradi EH,Sobeh M**

Lactobacillus plantarum attenuates glucocorticoid-induced osteoporosis by altering the composition of rat gut microbiota and serum metabolic profile.

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

**Authors Li S,Han X,Liu N,Chang J,Liu G,Hu S**

The Effect of Lactobacillus plantarum on the Fecal Microbiota, Short Chain Fatty Acids, Odorous Substances, and Blood Biochemical Indices of Cats.

**Microorganisms , Volume: 12 Issue: 1 2024 Jan 2**

**Authors Han B,Liang S,Sun J,Tao H,Wang Z,Liu B,Wang X,Liu J,Wang J**

Mechanism of Iron Ion Homeostasis in Intestinal Immunity and Gut Microbiota Remodeling.

**International journal of molecular sciences , Volume: 25 Issue: 2 2024 Jan 5**

**Authors Bao H,Wang Y,Xiong H,Xia Y,Cui Z,Liu L**

Integrated gut microbiome and metabolome analysis reveals the inhibition effect of Lactobacillus plantarum CBT against colorectal cancer.

**Food & function , Volume: 15 Issue: 2 2024 Jan 22**

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

Therapeutic effects of curcumin on constipation-predominant irritable bowel syndrome is associated with modulating gut microbiota and neurotransmitters.

**Frontiers in microbiology , Volume: 14 2023****Authors Tu X,Ren H,Bu S**Effects of Lactobacillus plantarum HW1 on Growth Performance, Intestinal Immune Response, Barrier Function, and Cecal Microflora of Broilers with Necrotic Enteritis.**Animals : an open access journal from MDPI , Volume: 13 Issue: 24 2023 Dec 10****Authors Chen P,Lv H,Liu W,Wang Y,Zhang K,Che C,Zhao J,Liu H**Microencapsulated Sodium Butyrate Alleviates Immune Injury and Intestinal Problems Caused by Clostridium Perfringens through Gut Microbiota.**Animals : an open access journal from MDPI , Volume: 13 Issue: 24 2023 Dec 8****Authors Yang T,Sun Y,Dai Z,Liu J,Xiao S,Liu Y,Wang X,Yang S,Zhang R,Yang C,Dai B**In silico design and mechanistic study of niosome-encapsulated curcumin against multidrug-resistant *Staphylococcus aureus* biofilms.**Frontiers in microbiology , Volume: 14 2023****Authors Khaleghian M,Sahrayi H,Hafezi Y,Mirshafeeyan M,Moghaddam ZS,Farasati Far B,Noorbazargan H,Mirzaie A,Ren Q**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**Gut microbiome supplementation as therapy for metabolic syndrome.**World journal of diabetes , Volume: 14 Issue: 10 2023 Oct 15****Authors Antony MA,Chowdhury A,Edem D,Raj R,Nain P,Joglekar M,Verma V,Kant R**Effects of Walnut and Pumpkin on Selective Neurophenotypes of Autism Spectrum Disorders: A Case Study.**Nutrients , Volume: 15 Issue: 21 2023 Oct 27****Authors El-Ansary A,Al-Ayadhi L**Inulin prebiotic ameliorates type 1 diabetes dictating regulatory T cell homing via CCR4 to pancreatic islets and butyrogenic gut microbiota in murine model.**Journal of leukocyte biology , Volume: 115 Issue: 3 2024 Feb 23****Authors Guimarães JB,Rodrigues VF,Pereira ÍS,Manso GMDC,Elias-Oliveira J,Leite JA,Waldetario MCGM,de Oliveira S,Gomes ABDSF,Faria AMC,Ramos SG,Bonato VLD,Silva JS,Vinolo MAR,Sampaio UM,Clerici MTPS,Carlos D**Utilization of diverse oligosaccharides for growth by *Bifidobacterium* and *Lactobacillus* species and their in vitro co-cultivation characteristics.**International microbiology : the official journal of the Spanish Society for Microbiology , 2023 Nov 9****Authors Dong Y,Han M,Fei T,Liu H,Gai Z**Spices as Sustainable Food Preservatives: A Comprehensive Review of Their Antimicrobial Potential.**Pharmaceuticals (Basel, Switzerland) , Volume: 16 Issue: 10 2023 Oct 12****Authors Sulieman AME,Abdallah EM,Alanazi NA,Ed-Dra A,Jamal A,Idriss H,Alshammari AS,Shommo SAM**Uncovering the promising role of grape pomace as a modulator of the gut microbiome: An in-depth review.**Heliyon , Volume: 9 Issue: 10 2023 Oct****Authors Sinrod AJG,Shah IM,Surek E,Barile D**Pectic oligosaccharides ameliorate high-fat diet-induced obesity and hepatic steatosis in association with modulating gut microbiota in mice.**Food & function , Volume: 14 Issue: 21 2023 Oct 30****Authors Yu S,Wang H,Cui L,Wang J,Zhang Z,Wu Z,Lin X,He N,Zou Y,Li S**Thymus Vulgaris Oil Nanoemulsion: Synthesis, Characterization, Antimicrobial and Anticancer Activities.**Molecules (Basel, Switzerland) , Volume: 28 Issue: 19 2023 Oct 2****Authors Doghish AS,Shehabeldine AM,El-Mahdy HA,Hassanin MMH,Al-Askar AA,Marey SA,AbdElgawad H,Hashem AH**Butyrogenic, bifidogenic and slight anti-inflammatory effects of a green kiwifruit powder (Kiwi FFG®) in a human gastrointestinal model simulating mild constipation.**Food research international (Ottawa, Ont.) , Volume: 173 Issue: Pt 2 2023 Nov****Authors Goya-Jorge E,Bondué P,Gonza I,Laforêt F,Antoine C,Boutaleb S,Douny C,Scippo ML,de Ribaucourt JC,Crahay F,Delcenserie V**Antitumor, Antioxidant, and Antimicrobial Properties and Anticancer Potential of Novel Environmentally Friendly Amide-Modified Gallic Acid Derivatives.**Journal of agricultural and food chemistry , 2023 Oct 6****Authors Wang X,Cong J,Zhang L,Han Z,Jiang X,Yu L**Blueberry and Blackberry Anthocyanins Ameliorate Metabolic Syndrome by Modulating Gut Microbiota and Short-Chain Fatty Acids Metabolism in High-Fat Diet-Fed C57BL/6J Mice.**Journal of agricultural and food chemistry , Volume: 71 Issue: 40 2023 Oct 11**

**Authors Du L,Lü H,Chen Y,Yu X,Jian T,Zhao H,Wu W,Ding X,Chen J,Li W**

Combined oral intake of short and long fructans alters the gut microbiota in food allergy model mice and contributes to food allergy prevention.

**BMC microbiology , Volume: 23 Issue: 1 2023 Sep 22**

**Authors Takahashi H,Fujii T,Yamakawa S,Yamada C,Fujiki K,Kondo N,Funasaka K,Hirooka Y,Tochio T**

Effects of Ramadan intermittent fasting on gut microbiome: is the diet key?

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

**Authors Saglam D,Colak GA,Sahin E,Ekren BY,Sezerman U,Bas M**

Curcumin-sulfobutyl-ether beta cyclodextrin inclusion complex: preparation, spectral characterization, molecular modeling and antimicrobial activity.

**Journal of biomolecular structure & dynamics , Volume: 42 Issue: 19 2024**

**Authors Sravani AB,Shenoy K M,Chandrika B,Kumar B H,Kini SG,Pai K SR,Lewis SA**

Microbial modifications with Lycium barbarum L. oligosaccharides decrease hepatic fibrosis and mitochondrial abnormalities in mice.

**Phytomedicine : international journal of phytotherapy and phytopharmacology , Volume: 120 2023 Nov**

**Authors Zhang Z,Lu W,Liu P,Li M,Ge X,Yu B,Wu Z,Liu G,Ding N,Cui B,Chen X**

Resveratrol alleviates DSS-induced IBD in mice by regulating the intestinal microbiota-macrophage-arginine metabolism axis.

**European journal of medical research , Volume: 28 Issue: 1 2023 Sep 2**

**Authors Xu X,Ocansey DKW,Pei B,Zhang Y,Wang N,Wang Z,Mao F**

Positive efficacy of Lactiplantibacillus plantarum MH-301 as a postoperative adjunct to endoscopic sclerotherapy for internal hemorrhoids: a randomized, double-blind, placebo-controlled trial.

**Food & function , 2023 Sep 1**

**Authors Zhang K,Liu H,Liu P,Feng Q,Gan L,Yao L,Huang G,Fang Z,Chen T,Fang N**

Immunomodulatory effects of inulin and its intestinal metabolites.

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

**Authors Sheng W,Ji G,Zhang L**

Bifidobacterium animalis subsp. lactis HN019 has antimicrobial activity against endodontic pathogens in vitro.

**Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , 2023 Aug 26**

**Authors Araujo LDC,da Silva RAB,Silva CMPC,Salvador SLS,Messora MR,Furlaneto FAC,Mastrange MDA,Pucinelli CM,da Silva LAB**

Supplementation of ginger root extract into broiler chicken diet: effects on growth performance and immunocompetence.

**Poultry science , Volume: 102 Issue: 10 2023 Jul 11**

**Authors Dosu G,Obanya TO,Zhang S,Sang S,Adetunji AO,Fahrenholz AC,Ferket PR,Nagabhushanam K,Fasina YO**

Bile Acids and Short-Chain Fatty Acids Are Modulated after Onion and Apple Consumption in Obese Zucker Rats.

**Nutrients , Volume: 15 Issue: 13 2023 Jul 5**

**Authors Balderas C,de Ancos B,Sánchez-Moreno C**

Sodium butyrate ameliorates diabetic retinopathy in mice via the regulation of gut microbiota and related short-chain fatty acids.

**Journal of translational medicine , Volume: 21 Issue: 1 2023 Jul 7**

**Authors Huang Y,Wang Z,Ye B,Ma JH,Ji S,Sheng W,Ye S,Ou Y,Peng Y,Yang X,Chen J,Tang S**

Effect of Probiotic Yogurt Supplementation(Bifidobacterium animalis ssp. lactis BB-12) on Gut Microbiota of Female Taekwondo Athletes and Its Relationship with Exercise-Related Psychological Fatigue.

**Microorganisms , Volume: 11 Issue: 6 2023 May 26**

**Authors Zhu J,Zhu Y,Song G**

Crosstalk between dietary pomegranate and gut microbiota: evidence of health benefits.

**Critical reviews in food science and nutrition , 2023 Jun 19**

**Authors Yin Y,Martínez R,Zhang W,Estévez M**

Comparison of the Effects of Enzymolysis Seaweed Powder and Saccharomyces boulardii on Intestinal Health and Microbiota Composition in Kittens.

**Metabolites , Volume: 13 Issue: 5 2023 May 8**

**Authors Zhang M,Mo R,Li M,Qu Y,Wang H,Liu T,Liu P,Wu Y**

Preparation and characterization of curcumin/chitosan conjugate as an efficient photodynamic antibacterial agent.

**Carbohydrate polymers , Volume: 313 2023 Aug 1**

**Authors Zhao L,Ding X,Khan IM,Yue L,Zhang Y,Wang Z**

Supplementation with inulin-type fructans affects gut microbiota and attenuates some of the cardiometabolic benefits of a plant-based diet in individuals with overweight or obesity.

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

**Authors Aldubayan MA,Mao X,Laursen MF,Pigsborg K,Christensen LH,Roager HM,Nielsen DS,Hjorth MF,Magkos F**

Astragalus polysaccharide ameliorated complex factor-induced chronic fatigue syndrome by modulating the gut microbiota and metabolites in mice.

**Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 163 2023 May 9**

**Authors Wei X,Xin J,Chen W,Wang J,Lv Y,Wei Y,Li Z,Ding Q,Shen Y,Xu X,Zhang X,Zhang W,Zu X**

Lactobacillus plantarum CCFM405 against Rotenone-Induced Parkinson's Disease Mice via Regulating Gut Microbiota and Branched-Chain Amino Acids Biosynthesis.

**Nutrients , Volume: 15 Issue: 7 2023 Apr 1**

**Authors Chu C,Yu L,Li Y,Guo H,Zhai Q,Chen W,Tian F**

Dried Fruits: Bioactives, Effects on Gut Microbiota, and Possible Health Benefits-An Update.

**Nutrients , Volume: 15 Issue: 7 2023 Mar 26**

**Authors Alasalvar C,Chang SK,Kris-Etherton PM,Sullivan VK,Petersen KS,Guasch-Ferré M,Jenkins DJA**

Neuroprotective Effects of Lactobacillus plantarum PS128 in a Mouse Model of Parkinson's Disease: The Role of Gut Microbiota and MicroRNAs.

**International journal of molecular sciences , Volume: 24 Issue: 7 2023 Apr 5**

**Authors Lee YZ,Cheng SH,Chang MY,Lin YF,Wu CC,Tsai YC**

Psychobiotic Lactobacillus plantarum JYLP-326 relieves anxiety, depression, and insomnia symptoms in test anxious college via modulating the gut microbiota and its metabolism.

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

**Authors Zhu R,Fang Y,Li H,Liu Y,Wei J,Zhang S,Wang L,Fan R,Wang L,Li S,Chen T**

Effects of an inulin fiber diet on the gut microbiome, colon, and inflammatory biomarkers in aged mice.

**Experimental gerontology , Volume: 176 2023 Jun 1**

**Authors Hutchinson NT,Wang SS,Rund LA,Caetano-Silva ME,Allen JM,Johnson RW,Woods JA**

Effects of Pomegranate Peel Polyphenols Combined with Inulin on Gut Microbiota and Serum Metabolites of High-Fat-Induced Obesity Rats.

**Journal of agricultural and food chemistry , Volume: 71 Issue: 14 2023 Apr 12**

**Authors Shi H,Li X,Hou C,Chen L,Zhang Y,Li J**

Impact of Intermittent Fasting on the Gut Microbiota: A Systematic Review.

**Advanced biology , Volume: 7 Issue: 8 2023 Aug**

**Authors Pérez-Gerdel T,Camargo M,Alvarado M,Ramírez JD**

Ethanol extract of propolis regulates type 2 diabetes in mice via metabolism and gut microbiota.

**Journal of ethnopharmacology , Volume: 310 2023 Jun 28**

**Authors Guan R,Ma N,Liu G,Wu Q,Su S,Wang J,Geng Y**

Goji berry leaf exerts a comparable effect against colitis and microbiota dysbiosis to its fruit in dextran-sulfate-sodium-treated mice.

**Food & function , Volume: 14 Issue: 7 2023 Apr 3**

**Authors Yu C,Chen Y,Ahmadi S,Wu D,Wu J,Ding T,Liu D,Ye X,Chen S,Pan H**

Dietary Administration of Black Raspberries and Arsenic Exposure: Changes in the Gut Microbiota and Its Functional Metabolites.

**Metabolites , Volume: 13 Issue: 2 2023 Jan 30**

**Authors Tu P,Tang Q,Mo Z,Niu H,Hu Y,Wu L,Chen Z,Wang X,Gao B**

Intestinal microbial composition changes induced by Lactobacillus plantarum GBL 16, 17 fermented feed and intestinal immune homeostasis regulation in pigs.

**Journal of animal science and technology , Volume: 64 Issue: 6 2022 Nov**

**Authors Yu DY,Oh SH,Kim IS,Kim GI,Kim JA,Moon YS,Jang JC,Lee SS,Jung JH,Park J,Cho KK**

The Dietary Fermentable Fiber Inulin Alters the Intestinal Microbiome and Improves Chronic Kidney Disease Mineral-Bone Disorder in a Rat Model of CKD.

**bioRxiv : the preprint server for biology , 2023 Jan 31**

**Authors Biruete A,Chen NX,Metzger CE,Srinivasan S,Oâ Neill K,Fallen PB,Fonseca A,Wilson HE,de Loor H,Evenepoel P,Swanson KS,Allen MR,Moe SM**

Inulin supplementation prior to mild traumatic brain injury mitigates gut dysbiosis, and brain vascular and white matter deficits in mice.

**Frontiers in microbiomes , Volume: 1 2022**

**Authors Yanckello LM,Chang YH,Sun M,Chlipala G,Green SJ,Lei Z,Ericsson AC,Xing X,Hammond TC,Bachstetter AD,Lin AL**

Impacts of sodium butyrate on intestinal mucosal barrier and intestinal microbial community in a weaned piglet model.

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

**Authors Liu H,Zhao J,Zhang W,Nie C**

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

The high dose of inulin exacerbated food allergy through the excess accumulation of short-chain fatty acids in a BABL/c mouse model.

**International journal of biological macromolecules , Volume: 230 2023 Mar 1**

Authors Xie Q,Mu K,Chen C,Gu S,Luo D,Fu W,Xue W

Inulin intervention attenuates hepatic steatosis in rats via modulating gut microbiota and maintaining intestinal barrier function.

**Food research international (Ottawa, Ont.) , Volume: 163 2023 Jan**

Authors Yang Z,Su H,Lv Y,Tao H,Jiang Y,Ni Z,Peng L,Chen X

Enhanced antimicrobial and antioxidant capacity of Thymus vulgaris, Lippia sidoides, and Cymbopogon citratus emulsions when combined with mannosylerythritol a lipid biosurfactant.

**Food research international (Ottawa, Ont.) , Volume: 163 2023 Jan**

Authors Zanotto AW,Kanemaru MYS,de Souza FG,Duarte MCT,de Andrade CJ,Pastore GM

Curcumin loaded gold nanoparticles-chitosan/sodium alginate nanocomposite for nanotheranostic applications.

**Journal of biomaterials science. Polymer edition , Volume: 34 Issue: 7 2023 May**

Authors Kolathupalayam Shanmugam B,Rajendran N,Arumugam K,Rangaraj S,Subramani K,Srinivasan S,Nayagam L,Aicher WK,Venkatachalam R

Effects of a Saccharomyces cerevisiae fermentation product on fecal characteristics, metabolite concentrations, and microbiota populations of dogs subjected to exercise challenge.

**Journal of animal science , 2022 Dec 27**

Authors Oba PM,Carroll MQ,Sieja KM,Nogueira JPS,Yang X,Epp TY,Warzecha CM,Varney JL,Fowler JW,Coon CN,Swanson KS

Dietary Supplementation with Black Raspberries Altered the Gut Microbiome Composition in a Mouse Model of Colitis-Associated Colorectal Cancer, although with Differing Effects for a Healthy versus a Western Basal Diet.

**Nutrients , Volume: 14 Issue: 24 2022 Dec 10**

Authors Rodriguez DM,Hintze KJ,Rompato G,Wettere AJV,Ward RE,Phatak S,Neal C,Armbrust T,Stewart EC,Thomas AJ,Benninghoff AD

Effect and Correlation of Rosa roxburghii Tratt Fruit Vinegar on Obesity, Dyslipidemia and Intestinal Microbiota Disorder in High-Fat Diet Mice.

**Foods (Basel, Switzerland) , Volume: 11 Issue: 24 2022 Dec 19**

Authors Li J,Zhang J,Zhang Y,Shi Y,Feng D,Zuo Y,Hu P

Gut microbiota mediated hypoglycemic effect of Astragalus membranaceus polysaccharides in db/db mice.

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

Authors Song Q,Cheng SW,Li D,Cheng H,Lai YS,Han Q,Wu HY,Shaw PC,Zuo Z

Assessment of the Gut Microbiota during Juice Fasting with and without Inulin Supplementation: A Feasibility Study in Healthy Volunteers.

**Foods (Basel, Switzerland) , Volume: 11 Issue: 22 2022 Nov 16**

Authors Thriene K,Stanislas V,Amend L,Strowig T,Michels KB

Structural Insights into Amelioration Effects of Quercetin and Its Glycoside Derivatives on NAFLD in Mice by Modulating the Gut Microbiota and Host Metabolism.

**Journal of agricultural and food chemistry , Volume: 70 Issue: 46 2022 Nov 23**

Authors Shi Z,Zhang C,Lei H,Chen C,Cao Z,Song Y,Chen G,Wu F,Zhou J,Lu Y,Zhang L

Molecular actions of different functional oligosaccharides on intestinal integrity, immune function and microbial community in weanling pigs.

**Food & function , Volume: 13 Issue: 23 2022 Nov 28**

Authors Gao H,Sun F,Lin G,Guo Y,Zhao J

Effect of fruit intake on functional constipation: A systematic review and meta-analysis of randomized and crossover studies.

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

Authors Huo J,Wu L,Lv J,Cao H,Gao Q

Effects of iron deficiency and iron supplementation at the host-microbiota interface: Could a piglet model unravel complexities of the underlying mechanisms?

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

Authors Abbas M,Hayirli Z,Drakesmith H,Andrews SC,Lewis MC

Curcumin encapsulation in self-assembled nanoparticles based on amphiphilic palmitic acid-grafted-quaternized chitosan with enhanced cytotoxic, antimicrobial and antioxidant properties.

**International journal of biological macromolecules , Volume: 222 Issue: Pt B 2022 Dec 1**

Authors Xie Y,Gong X,Jin Z,Xu W,Zhao K

Oral administration of Lactobacillus plantarum JC7 alleviates OVA-induced murine food allergy through immunoregulation and restoring disordered intestinal microbiota.

**European journal of nutrition** , Volume: 62 Issue: 2 2023 Mar

Authors Duan C,Ma L,Yu J,Sun Y,Liu L,Ma F,Li X,Li D

Alginate hydrogel with enhanced curcumin release through HPβCD assisted host-guest interaction.

**Biomaterials advances** , Volume: 141 2022 Oct

Authors Mohammadi A,Sahabi M,Beigi-Boroujeni S,Abdolvand H,Makvandi P,Pournaghshband Isfahani A,Gharibi R,Ebrahimibagha M

Synthesis, spectroscopic characterization, density functional theory study, antimicrobial and antioxidant activities of curcumin and alanine-curcumin Schiff base.

**Journal of biomolecular structure & dynamics** , Volume: 41 Issue: 16 2023 Sep-Oct

Authors Layaida H,Hellal A,Chafai N,Haddadi I,Imene K,Anis B,Mouna E,Bensouici C,Sobhi W,Attoui A,Lilia A

Effect of aqueous and organic solvent extraction on in-vitro antimicrobial activity of two varieties of fresh ginger (*Zingiber officinale*) and garlic (*Allium sativum*).

**Heliyon** , Volume: 8 Issue: 9 2022 Sep

Authors Akullo JO,Kiage B,Nakimbugwe D,Kinyuru J

Formation of cinnamon essential oil/xanthan gum/chitosan composite microcapsules basing on Pickering emulsions.

**Colloid and polymer science** , Volume: 300 Issue: 10 2022

Authors Li X,Gao Y,Li Y,Li Y,Liu H,Yang Z,Wu H,Hu Y

Intermittent fasting positively modulates human gut microbial diversity and ameliorates blood lipid profile.

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

Authors Khan MN,Khan SI,Rana MI,Ayyaz A,Khan MY,Imran M

Intermittent fasting positively modulates human gut microbial diversity and ameliorates blood lipid profile.

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

Authors Khan MN,Khan SI,Rana MI,Ayyaz A,Khan MY,Imran M

Comparing the Effects of Concord Grape (*Vitis labrusca L.*) Puree, Juice, and Pomace on Intestinal Morphology, Functionality, and Bacterial Populations In Vivo (*Gallus gallus*).

**Nutrients** , Volume: 14 Issue: 17 2022 Aug 27

Authors Agarwal N,Shukla V,Kolba N,Jackson C,Cheng J,Padilla-Zakour OI,Tako E

Study on the Effect of Molecular Weight on the Gut Microbiota Fermentation Properties of Blackberry Polysaccharides In Vitro.

**Journal of agricultural and food chemistry** , Volume: 70 Issue: 36 2022 Sep 14

Authors Li QY,Dou ZM,Chen C,Jiang YM,Yang B,Fu X

Eugenol, A Major Component of Clove Oil, Attenuates Adiposity, and Modulates Gut Microbiota in High-Fat Diet-Fed Mice.

**Molecular nutrition & food research** , Volume: 66 Issue: 20 2022 Oct

Authors Li M,Zhao Y,Wang Y,Geng R,Fang J,Kang SG,Huang K,Tong T

Fabrication and Optimization of Essential-Oil-Loaded Nanoemulsion Using Box-Behnken Design against *Staphylococcus aureus* and *Staphylococcus epidermidis* Isolated from Oral Cavity.

**Pharmaceutics** , Volume: 14 Issue: 8 2022 Aug 5

Authors Ullah N,Amin A,Alamoudi RA,Rasheed SA,Alamoudi RA,Nawaz A,Raza M,Nawaz T,Ishtiaq S,Abbas SS

Regulation of a High-Iron Diet on Lipid Metabolism and Gut Microbiota in Mice.

**Animals : an open access journal from MDPI** , Volume: 12 Issue: 16 2022 Aug 13

Authors Xiong Q,Zhao J,Tian C,Ma W,Miao L,Liang L,Zhang K,Du H

Kaempferia parviflora Rhizome Extract as Potential Anti-Acne Ingredient.

**Molecules (Basel, Switzerland)** , Volume: 27 Issue: 14 2022 Jul 8

Authors Sitthichai P,Chanirom S,Maneerat T,Charoensup R,Tree-Udom T,Pintathong P,Laphookhieo S,Sripisut T

Antimicrobial Activity of Essential Oils Evaluated In Vitro against *Escherichia coli* and *Staphylococcus aureus*.

**Antibiotics (Basel, Switzerland)** , Volume: 11 Issue: 7 2022 Jul 20

Authors Galgano M,Capozza P,Pellegrini F,Cordisco M,Sposato A,Sblano S,Camerò M,Lanave G,Fracchiolla G,Corrente M,Cirone F,Trotta A,Tempesta M,Buonavoglia D,Pratelli A

Liver Transcriptome and Gut Microbiome Analysis Reveals the Effects of High Fructose Corn Syrup in Mice.

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

Authors Shen Y,Sun Y,Wang X,Xiao Y,Ma L,Lyu W,Zheng Z,Wang W,Li J

Effect of chicory-derived inulin-type fructans on abundance of *Bifidobacterium* and on bowel function: a systematic review with meta-analyses.

**Critical reviews in food science and nutrition** , Volume: 63 Issue: 33 2023 Nov

Authors Nagy DU,Sándor-Bajusz KA,Bódy B,Decsi T,Van Harsselaar J,Theis S,Lohner S

Identification of Nordic Berries with Beneficial Effects on Cognitive Outcomes and Gut Microbiota in High-Fat-Fed Middle-

Aged C57BL/6J Mice.**Nutrients , Volume: 14 Issue: 13 2022 Jun 30**

Authors Huang F,Marungruang N,Kostuchenko O,Kravchenko N,Burleigh S,Prykhodko O,Hållenius FF,Heyman-Lindén L  
The anti-diabetic activity of polyphenols-rich vinegar extract in mice via regulating gut microbiota and liver inflammation.

**Food chemistry , Volume: 393 2022 Nov 1**

Authors Xia T,Zhang Z,Zhao Y,Kang C,Zhang X,Tian Y,Yu J,Cao H,Wang M

In-Vitro Antibacterial Activity of Curcumin-Loaded Nanofibers Based on Hyaluronic Acid against Multidrug-Resistant ESKAPE Pathogens.

**Pharmaceutics , Volume: 14 Issue: 6 2022 May 31**

Authors Snetkov P,Rogacheva E,Kremleva A,Morozkina S,Uspenskaya M,Kraeva L

Comparative Palynological, Physicochemical, Antioxidant and Antibacterial Properties of Romanian Honey Varieties for Biomedical Applications.

**Chemistry & biodiversity , Volume: 19 Issue: 8 2022 Aug**

Authors Iosageanu A,Mihai E,Prelipcean AM,Anton RE,Utoiu E,Oancea A,Craciunescu O,Cimpean A

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

Chemical Profile, Antibacterial and Antioxidant Potential of Zingiber officinale Roscoe and Elettaria cardamomum (L.) Maton Essential Oils and Extracts.

**Plants (Basel, Switzerland) , Volume: 11 Issue: 11 2022 May 31**

Authors Tarfaoui K,Brhadda N,Ziri R,Oubihi A,Imtara H,Haida S,Al Kamaly OM,Saleh A,Parvez MK,Fettach S,Ouhssine M  
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

Investigating Ramadan Like Fasting Effects on the Gut Microbiome in BALB/c Mice.

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

Authors Su J,Li F,Wang Y,Su Y,Verhaar A,Ma Z,Peppelenbosch MP

Dietary Vitamin B1 Intake Influences Gut Microbial Community and the Consequent Production of Short-Chain Fatty Acids.

**Nutrients , Volume: 14 Issue: 10 2022 May 16**

Authors Park J,Hosomi K,Kawashima H,Chen YA,Mohsen A,Ohno H,Konishi K,Tanisawa K,Kifushi M,Kogawa M,Takeyama H,Murakami H,Kubota T,Miyachi M,Kunisawa J,Mizuguchi K  
Pomegranate juice alters the microbiota in breast milk and infant stool: a pilot study.

**Food & function , Volume: 13 Issue: 10 2022 May 23**

Authors Henning SM,Yang J,Lee RP,Huang J,Thames G,Korn M,Ben-Nissan D,Heber D,Li Z

The Protective Effects of Inulin-Type Fructans Against High-Fat/Sucrose Diet-Induced Gestational Diabetes Mice in Association With Gut Microbiota Regulation.

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

Authors Miao M,Wang Q,Wang X,Fan C,Luan T,Yan L,Zhang Y,Zeng X,Dai Y,Li P

Effects of Ramadan and Non-ramadan Intermittent Fasting on Gut Microbiome.

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

Authors Mousavi SN,Rayyani E,Heshmati J,Tavasolian R,Rahimlou M

In vitro evaluation of probiotic properties of lactic acid bacteria isolated from the vagina of yak (*Bos grunniens*).

**PeerJ , Volume: 10 2022**

Authors Zhang Q,Pan Y,Wang M,Sun L,Xi Y,Li M,Zeng Q

Evaluating the effects of a standardized polyphenol mixture extracted from poplar-type propolis on healthy and diseased human gut microbiota.

**Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 148 2022 Apr**

Authors Garzarella EU,Navajas-Porras B,Pérez-Burillo S,Ullah H,Esposito C,Santarcangelo C,Hinojosa-Nogueira D,Pastoriza S,Zaccaria V,Xiao J,Rufián-Henares JA,Daglia M

*Bifidobacterium animalis* subsp. *lactis* BB-12 Has Effect Against Obesity by Regulating Gut Microbiota in Two Phases in Human Microbiota-Associated Rats.

**Frontiers in nutrition , Volume: 8 2021**

Authors Mao K,Gao J,Wang X,Li X,Geng S,Zhang T,Sadiq FA,Sang Y

Different Effects of Lard and Vegetable Blend Oil on Intestinal Microorganisms, Enzyme Activity and Blood Routine in Mice.

**Journal of oleo science , Volume: 71 Issue: 2 2022 Feb 3**

Authors Qiao B,Li X,Zheng T,Tan Z

[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**

[Dietary Supplementation with Vitamin D, Fish Oil or Resveratrol Modulates the Gut Microbiome in Inflammatory Bowel Disease.](#)

**International journal of molecular sciences , Volume: 23 Issue: 1 2021 Dec 24**

**Authors Wellington VNA,Sundaram VL,Singh S,Sundaram U**

[Restoring an adequate dietary fiber intake by inulin supplementation: a pilot study showing an impact on gut microbiota and sociability in alcohol use disorder patients.](#)

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

**Authors Amadieu C,Coste V,Neyrinck AM,Thijssen V,Leyrolle Q,Bindels LB,Piessevaux H,Stärkel P,de Timary P,Delzenne NM,Leclercq S**

[Gut microbiota modulation as a possible mediating mechanism for fasting-induced alleviation of metabolic complications: a systematic review.](#)

**Nutrition & metabolism , Volume: 18 Issue: 1 2021 Dec 14**

**Authors Angoorani P,Ejtahed HS,Hasani-Ranjbar S,Siadat SD,Soroush AR,Larijani B**

[Intermittent Fasting Reshapes the Gut Microbiota and Metabolome and Reduces Weight Gain More Effectively Than Melatonin in Mice.](#)

**Frontiers in nutrition , Volume: 8 2021**

**Authors Liu J,Zhong Y,Luo XM,Ma Y,Liu J,Wang H**

[The relationship between human milk, a functional nutrient, and microbiota.](#)

**Critical reviews in food science and nutrition , 2021 Dec 6**

**Authors Sakarya E,Sanlier NT,Sanlier N**

[Lactobacillus plantarum ZJUFB2 Prevents High Fat Diet-Induced Insulin Resistance in Association With Modulation of the Gut Microbiota.](#)

**Frontiers in nutrition , Volume: 8 2021**

**Authors Zhong H,Wang J,Abdullah,Hafeez MA,Guan R,Feng F**

[Chitooligosaccharides: Digestion characterization and effect of the degree of polymerization on gut microorganisms to manage the metabolome functional diversity in vitro.](#)

**Carbohydrate polymers , Volume: 275 2022 Jan 1**

**Authors Ji X,Zhu L,Chang K,Zhang R,Chen Y,Yin H,Jin J,Zhao L**

[Combined effect of carvacrol, thymol and nisin against Staphylococcus aureus and Salmonella Enteritidis.](#)

**Anais da Academia Brasileira de Ciencias , Volume: 93 Issue: suppl 4 2021**

**Authors Heckler C,Sant`anna V,Brandelli A,Malheiros PS**

[Bifidobacterium catabolism of human milk oligosaccharides overrides endogenous competitive exclusion driving colonization and protection.](#)

**Gut microbes , Volume: 13 Issue: 1 2021 Jan-Dec**

**Authors Heiss BE,Ehrlich AM,Maldonado-Gomez MX,Taft DH,Larke JA,Goodson ML,Slupsky CM,Tancredi DJ,Raybould HE,Mills DA**

[Alleviation Effects of \*Bifidobacterium animalis\* subsp. \*lactis\* XLTG11 on Dextran Sulfate Sodium-Induced Colitis in Mice.](#)

**Microorganisms , Volume: 9 Issue: 10 2021 Oct 3**

**Authors Wang N,Wang S,Xu B,Liu F,Huo G,Li B**

[Supplementation with \*Lactiplantibacillus plantarum\* IMC 510 Modifies Microbiota Composition and Prevents Body Weight Gain Induced by Cafeteria Diet in Rats.](#)

**International journal of molecular sciences , Volume: 22 Issue: 20 2021 Oct 16**

**Authors Micioni Di Bonaventura MV,Coman MM,Tomassoni D,Micioni Di Bonaventura E,Botticelli L,Gabrielli MG,Rossolini GM,Di Pilato V,Cecchini C,Amedei A,Silvi S,Verdenelli MC,Cifani C**

[Positive Synergistic Effects of Quercetin and Rice Bran on Human Gut Microbiota Reduces Enterobacteriaceae Family Abundance and Elevates Propionate in a Bioreactor Model.](#)

**Frontiers in microbiology , Volume: 12 2021**

**Authors Ghimire S,Wongkuna S,Sankaranarayanan R,Ryan EP,Bhat GJ,Scaria J**

[Adjunctive Probiotics Alleviates Asthmatic Symptoms via Modulating the Gut Microbiome and Serum Metabolome.](#)

**Microbiology spectrum , 2021 Oct 6**

**Authors Liu A,Ma T,Xu N,Jin H,Zhao F,Kwok LY,Zhang H,Zhang S,Sun Z**

[Prebiotic Inulin Supplementation and Peripheral Insulin Sensitivity in adults at Elevated Risk for Type 2 Diabetes: A Pilot Randomized Controlled Trial.](#)

**Nutrients , Volume: 13 Issue: 9 2021 Sep 17**

**Authors** Mitchell CM,Davy BM,Ponder MA,McMillan RP,Hughes MD,Hulver MW,Neilson AP,Davy KP  
Short-Chain Inulin Modulates the Cecal Microbiota Structure of Leptin Knockout Mice in High-Fat Diet.

**Frontiers in microbiology** , Volume: 12 2021

**Authors** Feng Y,Feng J,Wang L,Meng A,Wei S,Cui J,Hu X,Yan L

The Prebiotic Potential of Inulin-type Fructans: A Systematic Review.

**Advances in nutrition (Bethesda, Md.)** , 2021 Sep 23

**Authors** Hughes RL,Alvarado DA,Swanson KS,Holscher HD

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

Dietary Inulin Regulated Gut Microbiota and Improved Neonatal Health in a Pregnant Sow Model.

**Frontiers in nutrition** , Volume: 8 2021

**Authors** Li H,Ma L,Zhang L,Liu N,Li Z,Zhang F,Liu X,Ma X

Effects of dietary rosemary extract supplementation on growth performance, nutrient digestibility, antioxidant capacity, intestinal morphology, and microbiota of weaning pigs.

**Journal of animal science** , Volume: 99 Issue: 9 2021 Sep 1

**Authors** Yang M,Yin Y,Wang F,Bao X,Long L,Tan B,Yin Y,Chen J

Prebiotic fructans have greater impact on luminal microbiology and CD3+ T cells in healthy siblings than patients with Crohn's disease: A pilot study investigating the potential for primary prevention of inflammatory bowel disease.

**Clinical nutrition (Edinburgh, Scotland)** , Volume: 40 Issue: 8 2021 Jun 23

**Authors** Hedin CR,McCarthy NE,Louis P,Farquharson FM,McCartney S,Stagg AJ,Lindsay JO,Whelan K

Immunosuppressive activity is attenuated by Astragalus polysaccharides through remodeling the gut microenvironment in melanoma mice.

**Cancer science** , Volume: 112 Issue: 10 2021 Oct

**Authors** Ding G,Gong Q,Ma J,Liu X,Wang Y,Cheng X

Dietary Supplementation with Inulin Modulates the Gut Microbiota and Improves Insulin Sensitivity in Prediabetes.

**International journal of endocrinology** , Volume: 2021 2021

**Authors** Wang X,Wang T,Zhang Q,Xu L,Xiao X

Punicic acid ameliorates obesity and liver steatosis by regulating gut microbiota composition in mice.

**Food & function** , 2021 Jul 9

**Authors** Yuan G,Tan M,Chen X

Green banana flour supplementation improves obesity-associated systemic inflammation and regulates gut microbiota profile in mice fed high-fat diets.

**Applied physiology, nutrition, and metabolism = Physiologie appliquée, nutrition et metabolisme** , Volume: 46 Issue: 12 2021 Dec

**Authors** Rosado CP,Rosa VHC,Martins BC,Soares AC,Almo A,Monteiro EB,Mulder ADRP,Moura-Nunes N,Daleprane JB

Preparation and photodynamic bactericidal effects of curcumin-β-cyclodextrin complex.

**Food chemistry** , Volume: 361 2021 Nov 1

**Authors** Lai D,Zhou A,Tan BK,Tang Y,Sarah Hamzah S,Zhang Z,Lin S,Hu J

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

Curcumin alleviates high-fat diet-induced hepatic steatosis and obesity in association with modulation of gut microbiota in mice.

**Food research international (Ottawa, Ont.)** , Volume: 143 2021 May

**Authors** Li S,You J,Wang Z,Liu Y,Wang B,Du M,Zou T

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

Prebiotic Effect of Berberine and Curcumin Is Associated with the Improvement of Obesity in Mice.

**Nutrients** , Volume: 13 Issue: 5 2021 Apr 24

**Authors** Neyrinck AM,Sánchez CR,Rodríguez J,Cani PD,Bindels LB,Delzenne NM

Effects of Bifidobacterium animalis ssp. lactis 420 on gastrointestinal inflammation induced by a non-steroidal anti-inflammatory drug: a randomized, placebo-controlled, double-blind clinical trial.

**British journal of clinical pharmacology** , 2021 Apr 27

**Authors Mäkelä SM,Forssten SD,Kailajärvi M,Langén VL,Scheinin M,Tiihonen K,Ouwehand AC**

Anti-MRSA activity of curcumin in planktonic cells and biofilms and determination of possible action mechanisms.

**Microbial pathogenesis , Volume: 155 2021 Jun**

**Authors Batista de Andrade Neto J,Pessoa de Farias Cabral V,Brito Nogueira LF,Rocha da Silva C,Gurgel do Amaral Valente Sá L,Ramos da Silva A,Barbosa da Silva WM,Silva J,Marinho ES,Cavalcanti BC,Odorico de Moraes M,Nobre Júnior HV**

Anti-Inflammatory and Antimicrobial Activities of Compounds Isolated from *Distichochlamys benenica*.

**BioMed research international , Volume: 2021 2021**

**Authors Pham TV,Hoang HNT,Nguyen HT,Nguyen HM,Huynh CT,Vu TY,Do AT,Nguyen NH,Do BH**

Saccharomyces boulardii ameliorates gut dysbiosis associated cognitive decline.

**Physiology & behavior , Volume: 236 2021 Jul 1**

**Authors Roy Sarkar S,Mitra Mazumder P,Chatterjee K,Sarkar A,Adhikary M,Mukhopadhyay K,Banerjee S**

A Polyphenol Enriched Variety of Apple Alters Circulating Immune Cell Gene Expression and Faecal Microbiota Composition in Healthy Adults: A Randomized Controlled Trial.

**Nutrients , Volume: 13 Issue: 4 2021 Mar 27**

**Authors Barnett MPG,Young W,Armstrong K,Brewster D,Cooney JM,Ellett S,Espley RV,Laing W,Maclean P,McGhie T,Pringle G,Roy NC,Ferguson LR**

Effect of Blueberry Anthocyanin-Rich Extracts on Peripheral and Hippocampal Antioxidant Defensiveness: The Analysis of the Serum Fatty Acid Species and Gut Microbiota Profile.

**Journal of agricultural and food chemistry , Volume: 69 Issue: 12 2021 Mar 31**

**Authors Si X,Bi J,Chen Q,Cui H,Bao Y,Tian J,Shu C,Wang Y,Tan H,Zhang W,Chen Y,Li B**

Ramadan Fasting Leads to Shifts in Human Gut Microbiota Structured by Dietary Composition.

**Frontiers in microbiology , Volume: 12 2021**

**Authors Ali I,Liu K,Long D,Faisal S,Hilal MG,Ali I,Huang X,Long R**

Polyphenol-rich vinegar extract regulates intestinal microbiota and immunity and prevents alcohol-induced inflammation in mice.

**Food research international (Ottawa, Ont.) , Volume: 140 2021 Feb**

**Authors Xia T,Duan W,Zhang Z,Li S,Zhao Y,Geng B,Zheng Y,Yu J,Wang M**

Prebiotic dietary fibre intervention improves fecal markers related to inflammation in obese patients: results from the Food4Gut randomized placebo-controlled trial.

**European journal of nutrition , Volume: 60 Issue: 6 2021 Sep**

**Authors Neyrinck AM,Rodriguez J,Zhang Z,Seethaler B,Sánchez CR,Roumain M,Hiel S,Bindels LB,Cani PD,Paquot N,Cnops M,Nazare JA,Laville M,Muccioli GG,Bischoff SC,Walter J,Thissen JP,Delzenne NM**

Effect of probiotic *Lactobacillus plantarum* Dad-13 powder consumption on the gut microbiota and intestinal health of overweight adults.

**World journal of gastroenterology , Volume: 27 Issue: 1 2021 Jan 7**

**Authors Rahayu ES,Mariyatun M,Putri Manurung NE,Hasan PN,Therdthatha P,Mishima R,Komalasari H,Mahfuzah NA,Pamungkatingtyas FH,Yoga WK,Nurfiana DA,Liwan SY,Juffrie M,Nugroho AE,Utami T**

Pharmacological Therapy Determines the Gut Microbiota Modulation by a Pomegranate Extract Nutraceutical in Metabolic Syndrome: A Randomized Clinical Trial.

**Molecular nutrition & food research , Volume: 65 Issue: 6 2021 Mar**

**Authors Cortés-Martín A,Iglesias-Agüirre CE,Meroño A,Selma MV,Espín JC**

California strawberry consumption increased the abundance of gut microorganisms related to lean body weight, health and longevity in healthy subjects.

**Nutrition research (New York, N.Y.) , Volume: 85 2021 Jan**

**Authors Ezzat-Zadeh Z,Henning SM,Yang J,Woo SL,Le RP,Huang J,Thames G,Gilbuena I,Tseng CH,Heber D,Li Z**

Effects of Iron and Zinc Biofortified Foods on Gut Microbiota In Vivo (*Gallus gallus*): A Systematic Review.

**Nutrients , Volume: 13 Issue: 1 2021 Jan 9**

**Authors Juste Contin Gomes M,Stampini Duarte Martino H,Tako E**

Inulin ameliorates schizophrenia via modulation of the gut microbiota and anti-inflammation in mice.

**Food & function , Volume: 12 Issue: 3 2021 Feb 15**

**Authors Guo L,Xiao P,Zhang X,Yang Y,Yang M,Wang T,Lu H,Tian H,Wang H,Liu J**

Dietary Inulin Supplementation Modulates Short-Chain Fatty Acid Levels and Cecum Microbiota Composition and Function in Chickens Infected With Salmonella.

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

**Authors Song J,Li Q,Everaert N,Liu R,Zheng M,Zhao G,Wen J**

Combined *Lycium barbarum* polysaccharides and C-phycocyanin increase gastric *Bifidobacterium* relative abundance and protect against gastric ulcer caused by aspirin in rats.

**Nutrition & metabolism , Volume: 18 Issue: 1 2021 Jan 6**

**Authors Hsieh SY,Lian YZ,Lin IH,Yang YC,Tinkov AA,Skalny AV,Chao JC**

Blueberry and cranberry anthocyanin extracts reduce bodyweight and modulate gut microbiota in C57BL/6 J mice fed with a high-fat diet.

**European journal of nutrition , 2021 Jan 3**

**Authors Liu J,Hao W,He Z,Kwek E,Zhu H,Ma N,Ma KY,Chen ZY**

Combinatorial liposomes of berberine and curcumin inhibit biofilm formation and intracellular methicillin resistant *Staphylococcus aureus* infections and associated inflammation.

**Journal of materials chemistry. B , Volume: 9 Issue: 3 2021 Jan 28**

**Authors Bhatia E,Sharma S,Jadhav K,Banerjee R**

Inulin Exerts Beneficial Effects on Non-Alcoholic Fatty Liver Disease via Modulating gut Microbiome and Suppressing the Lipopolysaccharide-Toll-Like Receptor 4-M?Nuclear Factor?B-Nod-Like Receptor Protein 3 Pathway via gut-Liver Axis in Mice.

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

**Authors Bao T,He F,Zhang X,Zhu L,Wang Z,Lu H,Wang T,Li Y,Yang S,Wang H**

Selective Utilization of the Human Milk Oligosaccharides 2`-Fucosyllactose, 3-Fucosyllactose, and Difucosyllactose by Various Probiotic and Pathogenic Bacteria.

**Journal of agricultural and food chemistry , Volume: 69 Issue: 1 2021 Jan 13**

**Authors Salli K,Hirvonen J,Siitonen J,Ahonen I,Anglenius H,Maukonen J**

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

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

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

Microbiota populations and short-chain fatty acids production in cecum of immunosuppressed broilers consuming diets containing ?-irradiated *Astragalus polysaccharides*.

**Poultry science , Volume: 100 Issue: 1 2021 Jan**

**Authors Liu YS,Li S,Wang XF,Xing T,Li JL,Zhu XD,Zhang L,Gao F**

Food Addiction and Tobacco Use Disorder: Common Liability and Shared Mechanisms.

**Nutrients , Volume: 12 Issue: 12 2020 Dec 15**

**Authors Zawertailo L,Attwells S,deRuiter WK,Le TL,Dawson D,Selby P**

Administration of *Saccharomyces boulardii* mafic-1701 improves feed conversion ratio, promotes antioxidant capacity, alleviates intestinal inflammation and modulates gut microbiota in weaned piglets.

**Journal of animal science and biotechnology , Volume: 11 Issue: 1 2020 Dec 4**

**Authors Zhang W,Bao C,Wang J,Zang J,Cao Y**

*Lycium barbarum* polysaccharide attenuates myocardial injury in high-fat diet-fed mice through manipulating the gut microbiome and fecal metabolome.

**Food research international (Ottawa, Ont.) , Volume: 138 Issue: Pt B 2020 Dec**

**Authors Zhang Z,Liu H,Yu B,Tao H,Li J,Wu Z,Liu G,Yuan C,Guo L,Cui B**

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

**European journal of nutrition , 2020 Nov 22**

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

*Lactobacillus plantarum* relieves diarrhea caused by enterotoxin-producing *Escherichia coli* through inflammation modulation and gut microbiota regulation.

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

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

Effects of Different Human Milk Oligosaccharides on Growth of *Bifidobacteria* in Monoculture and Co-culture With *Faecalibacterium prausnitzii*.

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

**Authors Cheng L,Kiewiet MBG,Logtenberg MJ,Groeneveld A,Nauta A,Schols HA,Walvoort MTC,Harmsen HJM,de Vos P**

Alginic- and Gelatin-Coated Apple Pieces as Carriers for *Bifidobacterium animalis* subsp. *lactis* DSM 10140.

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

**Authors Campaniello D,Bevilacqua A,Speranza B,Sinigaglia M,Corbo MR**

Curcumin inhibits lipopolysaccharide and lipoteichoic acid-induced expression of proinflammatory cytokines and production of PGE(2) in the primary tubal endometrial stromal cells.

**Molecular biology reports , Volume: 47 Issue: 12 2020 Dec**

**Authors Ali A,Dar RR,Ahmad SF,Singh SK,Patra MK,Panigrahi M,Kumar H,Krishnaswamy N**

Chemical Composition and Antimicrobial Activity of Selected Essential Oils against *Staphylococcus* spp. Isolated from Human Semen.

**Antibiotics (Basel, Switzerland) , Volume: 9 Issue: 11 2020 Oct 31**

**Authors Kacániová M,Terentjeva M,Štefániková J,Žiarovská J,Savitskaya T,Grinshpan D,Kowalczewski PL,Vukovic N,Tvrda E**

Assessing the Effects of Ginger Extract on Polyphenol Profiles and the Subsequent Impact on the Fecal Microbiota by Simulating Digestion and Fermentation In Vitro.

**Nutrients , Volume: 12 Issue: 10 2020 Oct 19**

**Authors Wang J,Chen Y,Hu X,Feng F,Cai L,Chen F**

The Influence of Essential Oils on Gut Microbial Profiles in Pigs.

**Animals : an open access journal from MDPI , Volume: 10 Issue: 10 2020 Sep 24**

**Authors Ruzauskas M,Bartkiene E,Stankevicius A,Bernatoniene J,Zadeike D,Lele V,Starkute V,Zavistanaviciute P,Grigas J,Zokaityte E,Pautienius A,Juodeikiene G,Jakstas V**

Anti-Biofilm Activity of Cell-Free Supernatant of *Saccharomyces cerevisiae* against *Staphylococcus aureus*.

**Journal of microbiology and biotechnology , Volume: 30 Issue: 12 2020 Dec 28**

**Authors Kim YJ,Yu HH,Park YJ,Lee NK,Paik HD**

Brazilian southeast brown propolis: gas chromatography method development for its volatile oil analysis, its antimicrobial and leishmanicidal activities evaluation.

**Phytochemical analysis : PCA , Volume: 32 Issue: 3 2021 May**

**Authors Ribeiro VP,Arruda C,Mejia JAA,Candido ACBB,Dos Santos RA,Magalhães LG,Bastos JK**

Antibacterial Activity and Mechanism of Ginger Essential Oil against *Escherichia coli* and *Staphylococcus aureus*.

**Molecules (Basel, Switzerland) , Volume: 25 Issue: 17 2020 Aug 30**

**Authors Wang X,Shen Y,Thakur K,Han J,Zhang JG,Hu F,Wei ZJ**

A novel inulin-type fructan from *Asparagus cochinchinensis* and its beneficial impact on human intestinal microbiota.

**Carbohydrate polymers , Volume: 247 2020 Nov 1**

**Authors Sun Q,Zhu L,Li Y,Cui Y,Jiang S,Tao N,Chen H,Zhao Z,Xu J,Dong C**

Contributions of *Lactobacillus plantarum* PC170 administration on the recovery of gut microbiota after short-term ceftriaxone exposure in mice.

**Beneficial microbes , Volume: 11 Issue: 5 2020 Sep 1**

**Authors Cheng R,Liang H,Zhang Y,Guo J,Miao Z,Shen X,Chen G,Cheng G,Li M,He F**

Impacts of Habitual Diets Intake on Gut Microbial Counts in Healthy Japanese Adults.

**Nutrients , Volume: 12 Issue: 8 2020 Aug 12**

**Authors Sugimoto T,Shima T,Amamoto R,Kaga C,Kado Y,Watanabe O,Shiihoki J,Iwazaki K,Shigemura H,Tsuji H,Matsumoto S**  
*Lactobacillus plantarum* PS128 Improves Physiological Adaptation and Performance in Triathletes through Gut Microbiota Modulation.

**Nutrients , Volume: 12 Issue: 8 2020 Aug 1**

**Authors Huang WC,Pan CH,Wei CC,Huang HY**

Dietary Mannan-oligosaccharides potentiate the beneficial effects of *Bifidobacterium bifidum* in broiler chicken.

**Letters in applied microbiology , Volume: 71 Issue: 5 2020 Nov**

**Authors Dev K,Akbar Mir N,Biswas A,Kannoujia J,Begum J,Kant R**

Curcumin, a Natural Antimicrobial Agent with Strain-Specific Activity.

**Pharmaceuticals (Basel, Switzerland) , Volume: 13 Issue: 7 2020 Jul 16**

**Authors Adamczak A,Ozarowski M,Karpinski TM**

Long-term Consumption of 2-O-?-D-Glucopyranosyl-L-ascorbic Acid from the Fruits of *Lycium barbarum* Modulates Gut Microbiota in C57BL/6 Micee.

**Journal of agricultural and food chemistry , 2020 Jul 24**

**Authors Dong W,Huang K,Yan Y,Wan P,Peng Y,Zeng X,Cao Y**

Effects of banana powder (*Musa acuminata Colla*) on the composition of human fecal microbiota and metabolic output using in vitro fermentation.

**Journal of food science , Volume: 85 Issue: 8 2020 Aug**

**Authors Tian DD,Xu XQ,Peng Q,Zhang YW,Zhang PB,Qiao Y,Shi B**

Effect of banana pulp dietary fibers on metabolic syndrome and gut microbiota diversity in high-fat diet mice.

**Journal of food biochemistry , 2020 Jul 14**

**Authors Wei G,Ye Y,Yan X,Chao X,Yang F,Wang M,Zhang W,Yuan C,Zeng Q**

Anti-Obesity Effect of *Lactobacillus plantarum* LB818 Is Associated with Regulation of Gut Microbiota in High-Fat Diet-Fed Obese Mice.

**Journal of medicinal food , Volume: 23 Issue: 7 2020 Jul**

**Authors Hussain A,Kwon MH,Kim HK,Lee HS,Cho JS,Lee YI**

Effects of phenolic and protein extracts from *Melipona beecheii* honey on pathogenic strains of *Escherichia coli* and *Staphylococcus aureus*.

**Food science and biotechnology , Volume: 29 Issue: 7 2020 Jul**

**Authors Ramón-Sierra J,Martínez-Guevara JL,Pool-Yam L,Magaña-Ortiz D,Yam-Puc A,Ortiz-Vázquez E**

Rosemary and Tea Tree Essential Oils Exert Antibiofilm Activities In Vitro against *Staphylococcus aureus* and *Escherichia*

coli.

**Journal of food protection , Volume: 83 Issue: 7 2020 Jul 1**

**Authors Liu T,Wang J,Gong X,Wu X,Liu L,Chi F**

Effect of chitooligosaccharides on human gut microbiota and antiglycation.

**Carbohydrate polymers , Volume: 242 2020 Aug 15**

**Authors Liu W,Li X,Zhao Z,Pi X,Meng Y,Fei D,Liu D,Wang X**

Antioxidant and antimicrobial activity of red propolis embedded mesoporous silica nanoparticles.

**Drug development and industrial pharmacy , Volume: 46 Issue: 7 2020 Jul**

**Authors Azevedo de M Oliveira LF,Teles da Silva LVA,do Nascimento TG,de Almeida LM,Calumby RIN,Nunes ÁM,de Magalhães Oliveira LMT,da Silva Fonseca EJ**

Thyroid-Gut-Axis: How Does the Microbiota Influence Thyroid Function?

**Nutrients , Volume: 12 Issue: 6 2020 Jun 12**

**Authors Knezevic J,Starchl C,Tmava Berisha A,Amrein K**

Time-restricted feeding is associated with changes in human gut microbiota related to nutrient intake.

**Nutrition (Burbank, Los Angeles County, Calif.) , Volume: 78 2020 Oct**

**Authors Zeb F,Wu X,Chen L,Fatima S,Ijaz-Ul-Haq,Chen A,Xu C,Jianglei R,Feng Q,Li M**

Antioxidant, Anti-Inflammatory, and Microbial-Modulating Activities of Essential Oils: Implications in Colonic Pathophysiology.

**International journal of molecular sciences , Volume: 21 Issue: 11 2020 Jun 10**

**Authors Spisni E,Petrocelli G,Imbesi V,Spigarelli R,Azzinnari D,Donati Sarti M,Campieri M,Valerii MC**

Green approach in food nanotechnology based on subcritical water: effects of thyme oil and saponin on characteristics of the prepared oil in water nanoemulsions.

**Food science and biotechnology , Volume: 29 Issue: 6 2020 Jun**

**Authors Ahmadi O,Jafarizadeh-Malmiri H**

Thymus vulgaris L Essential Oil Solid Formulation: Chemical Profile and Spasmolytic and Antimicrobial Effects.

**Biomolecules , Volume: 10 Issue: 6 2020 Jun 4**

**Authors Micucci M,Protti M,Aldini R,Frosini M,Corazza I,Marzetti C,Mattioli LB,Tocci G,Chiarini A,Mercolini L,Budriesi R**

Early Introduction of Solid Feeds: Ingestion Level Matters More Than Prebiotic Supplementation for Shaping Gut Microbiota.

**Frontiers in veterinary science , Volume: 7 2020**

**Authors Paës C,Gidenne T,Bébin K,Duperray J,Gohier C,Guené-Grand E,Rebours G,Bouchez O,Barily C,Aymard P,Combes S**

Synergetic responses of intestinal microbiota and epithelium to dietary inulin supplementation in pigs.

**European journal of nutrition , Volume: 60 Issue: 2 2021 Mar**

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

Chemical Composition and Antioxidant, Antimicrobial, and Antiproliferative Activities of Cinnamomum zeylanicum Bark Essential Oil.

**Evidence-based complementary and alternative medicine : eCAM , Volume: 2020 2020**

**Authors Alizadeh Behbahani B,Falah F,Lavi Arab F,Vasiee M,Tabatabae Yazdi F**

Lactobacillus plantarum FRT10 alleviated high-fat diet-induced obesity in mice through regulating the PPAR $\alpha$  signal pathway and gut microbiota.

**Applied microbiology and biotechnology , Volume: 104 Issue: 13 2020 Jul**

**Authors Cai H,Wen Z,Li X,Meng K,Yang P**

Lactobacillus plantarum NA136 ameliorates nonalcoholic fatty liver disease by modulating gut microbiota, improving intestinal barrier integrity, and attenuating inflammation.

**Applied microbiology and biotechnology , Volume: 104 Issue: 12 2020 Jun**

**Authors Zhao Z,Chen L,Zhao Y,Wang C,Duan C,Yang G,Niu C,Li S**

Effect of chicory inulin-type fructan-containing snack bars on the human gut microbiota in low dietary fiber consumers in a randomized crossover trial.

**The American journal of clinical nutrition , Volume: 111 Issue: 6 2020 Jun 1**

**Authors Reimer RA,Soto-Vaca A,Nicolucci AC,Mayengbam S,Park H,Madsen KL,Menon R,Vaughan EE**

Regulatory effects of Lactobacillus plantarum HY7714 on skin health by improving intestinal condition.

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

**Authors Nam B,Kim SA,Park SD,Kim HJ,Kim JS,Bae CH,Kim JY,Nam W,LEE JL,Sim JH**

Grape Extract Activates Brown Adipose Tissue Through Pathway Involving the Regulation of Gut Microbiota and Bile Acid.

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

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

Vinegar extract ameliorates alcohol-induced liver damage associated with the modulation of gut microbiota in mice.

**Food & function , Volume: 11 Issue: 4 2020 Apr 30**

**Authors Xia T,Zhang B,Li S,Fang B,Duan W,Zhang J,Song J,Wang M**

Synergistic antibacterial, antifungal and antioxidant efficacy of cinnamon and clove essential oils in combination.

**Archives of microbiology** , Volume: 202 Issue: 6 2020 Aug

Authors Purkait S,Bhattacharya A,Bag A,Chattopadhyay RR

Antioxidant properties and antimicrobial activity of manuka honey versus Polish honeys.

**Journal of food science and technology** , Volume: 57 Issue: 4 2020 Apr

Authors Goslinski M,Nowak D,Klebukowska L

Prebiotic inulin consumption reduces dioxin-like PCB 126-mediated hepatotoxicity and gut dysbiosis in hyperlipidemic Ldlr deficient mice.

**Environmental pollution (Barking, Essex : 1987)** , Volume: 261 2020 Jun

Authors Hoffman JB,Petriello MC,Morris AJ,Mottaleb MA,Sui Y,Zhou C,Deng P,Wang C,Hennig B

Structural changes in gut microbiome after Ramadan fasting: a pilot study.

**Beneficial microbes** , Volume: 11 Issue: 3 2020 May 11

Authors Ozkul C,Yalinay M,Karakan T

In vitro antibacterial activity of medicinal plants against biofilm-forming methicillin-resistant *Staphylococcus aureus*: efficacy of *Moringa stenopetala* and *Rosmarinus officinalis* extracts.

**Heliyon** , Volume: 6 Issue: 1 2020 Jan

Authors Manilal A,Sabu KR,Shewangizaw M,Akililu A,Seid M,Merdikios B,Tsegaye B

Saccharomyces boulardii Tht 500101 changes gut microbiota and ameliorates hyperglycaemia, dyslipidaemia, and liver inflammation in streptozotocin-diabetic mice.

**Beneficial microbes** , Volume: 10 Issue: 8 2019 Dec 9

Authors Albuquerque RCMF,Brandão ABP,De Abreu ICME,Ferreira FG,Santos LB,Moreira LN,Taddei CR,Aimbire F,Cunha TS

In vitro effects of *Bifidobacterium lactis*-based synbiotics on human faecal bacteria.

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

Authors Henrique-Bana FC,Wang X,Costa GN,Spinosa WA,Miglioranza LHS,Scorletti E,Calder PC,Byrne CD,Gibson GR

Dietary prophage inducers and antimicrobials: toward landscaping the human gut microbiome.

**Gut microbes** , 2020 Jan 13

Authors Boling L,Cuevas DA,Grasis JA,Kang HS,Knowles B,Levi K,Maughan H,McNair K,Rojas MI,Sanchez SE,Smurthwaite C,Rohwer F

Effect of time-restricted feeding on metabolic risk and circadian rhythm associated with gut microbiome in healthy males.

**The British journal of nutrition** , Volume: 123 Issue: 11 2020 Jun 14

Authors Zeb F,Wu X,Chen L,Fatima S,Haq IU,Chen A,Majeed F,Feng Q,Li M

Islamic fasting leads to an increased abundance of *Akkermansia muciniphila* and *Bacteroides fragilis* group: A preliminary study on intermittent fasting.

**The Turkish journal of gastroenterology : the official journal of Turkish Society of Gastroenterology** , Volume: 30 Issue: 12 2019 Dec

Authors Özkul C,Yalinay M,Karakan T

Changes in human gut microbiota composition are linked to the energy metabolic switch during 10 d of Buchinger fasting.

**Journal of nutritional science** , Volume: 8 2019

Authors Mesnage R,Grundler F,Schwartz A,Le Maho Y,Wilhelmi de Toledo F

The Association Between Smoking and Gut Microbiome in Bangladesh.

**Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco** , Volume: 22

Issue: 8 2020 Jul 16

Authors Nolan-Kenney R,Wu F,Hu J,Yang L,Kelly D,Li H,Jasmine F,Kibriya MG,Parvez F,Shaheen I,Sarwar G,Ahmed A,Eunus M,Islam T,Pei Z,Ahsan H,Chen Y

Apple polysaccharide could promote the growth of *Bifidobacterium longum*.

**International journal of biological macromolecules** , Volume: 152 2020 Jun 1

Authors Li Y,Wang S,Sun Y,Zheng H,Tang Y,Gao X,Song C,Liu J,Long Y,Liu L,Mei Q

The effect of inulin and resistant maltodextrin on weight loss during energy restriction: a randomised, placebo-controlled, double-blinded intervention.

**European journal of nutrition** , 2019 Oct 11

Authors Hess AL,Benítez-Páez A,Blædel T,Larsen LH,Iglesias JR,Madera C,Sanz Y,Larsen TM,MyNewGut Consortium

Effects of grape pomace and seed polyphenol extracts on the recovery of gut microbiota after antibiotic treatment in high-fat diet-fed mice.

**Food science & nutrition** , Volume: 7 Issue: 9 2019 Sep

Authors Lu F,Liu F,Zhou Q,Hu X,Zhang Y

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

**Immunomodulatory and Prebiotic Effects of 2`-Fucosyllactose in Suckling Rats.****Frontiers in immunology , Volume: 10 2019****Authors Azagra-Boronat I,Massot-Cladera M,Mayneris-Perxachs J,Knipping K,Van `t Land B,Tims S,Stahl B,Garsen J,Franch À,Castell M,Rodríguez-Lagunas MJ,Pérez-Cano FJ**Effects of a formula with a probiotic *Bifidobacterium lactis* Supplement on the gut microbiota of low birth weight infants.**European journal of nutrition , Volume: 59 Issue: 4 2020 Jun****Authors Chi C,Xue Y,Liu R,Wang Y,Lv N,Zeng H,Buys N,Zhu B,Sun J,Yin C**Resveratrol attenuates high-fat diet-induced non-alcoholic steatohepatitis by maintaining gut barrier integrity and inhibiting gut inflammation through regulation of the endocannabinoid system.**Clinical nutrition (Edinburgh, Scotland) , 2019 May 30****Authors Chen M,Hou P,Zhou M,Ren Q,Wang X,Huang L,Hui S,Yi L,Mi M**Dietary Quercetin Increases Colonic Microbial Diversity and Attenuates Colitis Severity in <i>Citrobacter rodentium</i>-Infected Mice.**Frontiers in microbiology , Volume: 10 2019****Authors Lin R,Piao M,Song Y**The role of short-chain fatty acids in microbiota-gut-brain communication.**Nature reviews. Gastroenterology & hepatology , Volume: 16 Issue: 8 2019 Aug****Authors Dalile B,Van Oudenhove L,Vervliet B,Verbeke K**Effects of a diet based on inulin-rich vegetables on gut health and nutritional behavior in healthy humans.**The American journal of clinical nutrition , Volume: 109 Issue: 6 2019 Jun 1****Authors Hiel S,Bindels LB,Pachikian BD,Kalala G,Broers V,Zamariola G,Chang BPI,Kambashi B,Rodriguez J,Cani PD,Neyrinck AM,Thissen JP,Luminet O,Bindelle J,Delzenne NM**Apple consumption is associated with a distinctive microbiota, proteomics and metabolomics profile in the gut of Dawley Sprague rats fed a high-fat diet.**PLoS one , Volume: 14 Issue: 3 2019****Authors Garcia-Mazcorro JF,Pedreschi R,Yuan J,Kawas JR,Cheb B,Dowd SE,Noratto G**Beneficial effects of ginger on prevention of obesity through modulation of gut microbiota in mice.**European journal of nutrition , Volume: 59 Issue: 2 2020 Mar****Authors Wang J,Wang P,Li D,Hu X,Chen F**Dietary Intake of Whole Strawberry Inhibited Colonic Inflammation in Dextran-Sulfate Sodium-Treated Mice via Restoring Immune Homeostasis and Alleviating Gut Microbiota Dysbiosis.**Journal of agricultural and food chemistry , Volume: 67 Issue: 33 2019 Aug 21****Authors Han Y,Song M,Gu M,Ren D,Zhu X,Cao X,Li F,Wang W,Cai X,Yuan B,Goulette T,Zhang G,Xiao H**Dietary supplementation with strawberry induces marked changes in the composition and functional potential of the gut microbiome in diabetic mice.**The Journal of nutritional biochemistry , Volume: 66 2019 Apr****Authors Petersen C,Wankhade UD,Bharat D,Wong K,Mueller JE,Chintapalli SV,Piccolo BD,Jalili T,Jia Z,Symons JD,Shankar K,Anand Babu PV**Effect of *Saccharomyces boulardii* and *Bacillus subtilis* B10 on gut microbiota modulation in broilers.**Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 4 Issue: 4 2018 Dec****Authors Qin C,Gong L,Zhang X,Wang Y,Wang B,Li Y,Li 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**Goji Berry Modulates Gut Microbiota and Alleviates Colitis in IL-10-Deficient Mice.**Molecular nutrition & food research , Volume: 62 Issue: 22 2018 Nov****Authors Kang Y,Yang G,Zhang S,Ross CF,Zhu MJ**Effects of in vitro gastrointestinal digestion and colonic fermentation on a rosemary (*Rosmarinus officinalis* L) extract rich in rosmarinic acid.**Food chemistry , Volume: 271 2019 Jan 15****Authors Gonçalves GA,Corrêa RCG,Barros L,Dias MI,Calhelha RC,Correa VG,Bracht A,Peralta RM,Ferreira ICFR**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**Impact of tart cherries polyphenols on the human gut microbiota and phenolic metabolites in vitro and in vivo.**The Journal of nutritional biochemistry , Volume: 59 2018 Sep****Authors Mayta-Apaza AC,Pottgen E,De Bodt J,Papp N,Marasini D,Howard L,Abranko L,Van de Wiele T,Lee SO,Carbonero F**

Lactobacillus plantarum LC27 and Bifidobacterium longum LC67 mitigate alcoholic steatosis in mice by inhibiting LPS-mediated NF-?B activation through restoration of the disturbed gut microbiota.

**Food & function , Volume: 9 Issue: 8 2018 Aug 15**

**Authors Kim WG,Kim HI,Kwon EK,Han MJ,Kim DH**

Inulin fiber dose-dependently modulates energy balance, glucose tolerance, gut microbiota, hormones and diet preference in high-fat-fed male rats.

**The Journal of nutritional biochemistry , Volume: 59 2018 Sep**

**Authors Singh A,Zapata RC,Pezeshki A,Reidelberger RD,Chelikani PK**

Pectin Alleviates High Fat (Lard) Diet-Induced Nonalcoholic Fatty Liver Disease in Mice: Possible Role of Short-Chain Fatty Acids and Gut Microbiota Regulated by Pectin.

**Journal of agricultural and food chemistry , 2018 Jul 20**

**Authors Li W,Zhang K,Yang H**

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**

High-Glucose or -Fructose Diet Cause Changes of the Gut Microbiota and Metabolic Disorders in Mice without Body Weight Change.

**Nutrients , Volume: 10 Issue: 6 2018 Jun 13**

**Authors Do MH,Lee E,Oh MJ,Kim Y,Park HY**

Identification of Phenolic Compounds-Rich Grape Pomace Extracts Urine Metabolites and Correlation with Gut Microbiota Modulation.

**Antioxidants (Basel, Switzerland) , Volume: 7 Issue: 6 2018 Jun 4**

**Authors Chacar S,Tarighi M,Fares N,Faivre JF,Louka N,Maroun RG**

Dietary fiber intervention on gut microbiota composition in healthy adults: a systematic review and meta-analysis.

**The American journal of clinical nutrition , Volume: 107 Issue: 6 2018 Jun 1**

**Authors So D,Whelan K,Rossi M,Morrison M,Holtmann G,Kelly JT,Shanahan ER,Staudacher HM,Campbell KL**

Microbiome Responses to an Uncontrolled Short-Term Diet Intervention in the Frame of the Citizen Science Project.

**Nutrients , Volume: 10 Issue: 5 2018 May 8**

**Authors Klimenko NS,Tyakht AV,Popenko AS,Vasiliev AS,Altukhov IA,Ischenko DS,Shashkova TI,Efimova DA,Nikogosov DA,Osipenko DA,Musienko SV,Selezneva KS,Baranova A,Kurilshikov AM,Toshchakov SM,Korzhenkov AA,Samarov NI,Shevchenko MA,Tepliuk AV,Alexeev DG**

Pumpkin polysaccharide modifies the gut microbiota during alleviation of type 2 diabetes in rats.

**International journal of biological macromolecules , Volume: 115 2018 Aug**

**Authors Liu G,Liang L,Yu G,Li Q**

Modifications in gut microbiota and fermentation metabolites in the hindgut of rats after the consumption of galactooligosaccharide glycated with a fish peptide.

**Food & function , Volume: 9 Issue: 5 2018 May 1**

**Authors Jin W,Han K,Dong S,Yang Y,Mao Z,Su M,Zeng M**

The Endotoxemia Marker Lipopolysaccharide-Binding Protein is Reduced in Overweight-Obese Subjects Consuming Pomegranate Extract by Modulating the Gut Microbiota: A Randomized Clinical Trial.

**Molecular nutrition & food research , 2018 Apr 17**

**Authors González-Sarrías A,Romo-Vaquero M,García-Villalba R,Cortés-Martín A,Selma MV,Espín JC**

Wheat-derived arabinoxylan oligosaccharides with bifidogenic properties abolishes metabolic disorders induced by western diet in mice.

**Nutrition & diabetes , Volume: 8 Issue: 1 2018 Mar 7**

**Authors Neyrinck AM,Hiel S,Bouzin C,Campayo VG,Cani PD,Bindels LB,Delzenne NM**

Molecular Modelling reveals the inhibition mechanism and structure-activity relationship of curcumin and its analogues to Staphylococcal aureus Sortase A.

**Journal of biomolecular structure & dynamics , Volume: 37 Issue: 5 2019 Mar**

**Authors Niu X,Gao Y,Yu Y,Yang Y,Wang G,Sun L,Wang H**

Complementary Mechanisms for Degradation of Inulin-Type Fructans and Arabinoxylan Oligosaccharides among Bifidobacterial Strains Suggest Bacterial Cooperation.

**Applied and environmental microbiology , Volume: 84 Issue: 9 2018 May 1**

**Authors Rivière A,Selak M,Geirnaert A,Van den Abbeele P,De Vuyst L**

Fermentation of non-digestible raffinose family oligosaccharides and galactomannans by probiotics.

**Food & function , Volume: 9 Issue: 3 2018 Mar 1**

**Authors Zartl B,Silberbauer K,Loeppert R,Viernstein H,Praznik W,Mueller M**

Effects of a galacto-oligosaccharide-rich diet on fecal microbiota and metabolite profiles in mice.

**Food & function , 2018 Feb 21**

Authors Cheng W,Lu J,Lin W,Wei X,Li H,Zhao X,Jiang A,Yuan J

Phytochemical screening and biological activity of Lamiaceae family plant extracts.

**Experimental and therapeutic medicine , Volume: 15 Issue: 2 2018 Feb**

Authors Cocan I,Alexa E,Danciu C,Radulov I, Galuscan A,Obistioiu D,Morvay AA,Sumalan RM,Poiana MA,Pop G,Dehelean CA  
Effects of Blackcurrant and Dietary Fibers on Large Intestinal Health Biomarkers in Rats.

**Plant foods for human nutrition (Dordrecht, Netherlands) , Volume: 73 Issue: 1 2018 Mar**

Authors Paturi G,Butts CA,Monro JA,Hedderley D

Chemoprevention of colorectal cancer by black raspberry anthocyanins involved the modulation of gut microbiota and SFRP2 demethylation.

**Carcinogenesis , 2018 Jan 19**

Authors Chen L,Jiang B,Zhong C,Guo J,Zhang L,Mu T,Zhang Q,Bi X

The Relationship between Habitual Dietary Intake and Gut Microbiota in Young Japanese Women.

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

Authors Seura T,Yoshino Y,Fukuyatari T

Habitual dietary fibre intake influences gut microbiota response to an inulin-type fructan prebiotic: a randomised, double-blind, placebo-controlled, cross-over, human intervention study.

**The British journal of nutrition , Volume: 119 Issue: 2 2018 Jan**

Authors Healey G,Murphy R,Butts C,Brough L,Whelan K,Coad J

Thymus mastichina L. essential oils from Murcia (Spain): Composition and antioxidant, antienzymatic and antimicrobial bioactivities.

**PLoS one , Volume: 13 Issue: 1 2018**

Authors Cutillas AB,Carrasco A,Martinez-Gutierrez R,Tomas V,Tudela J

Bacteriostatic Effect of Quercetin as an Antibiotic Alternative In Vivo and Its Antibacterial Mechanism In Vitro.

**Journal of food protection , Volume: 81 Issue: 1 2018 Jan**

Authors Wang S,Yao J,Zhou B,Yang J,Chaudry MT,Wang M,Xiao F,Li Y,Yin W

The Impact of Long-Term Intake of Phenolic Compounds-Rich Grape Pomace on Rat Gut Microbiota.

**Journal of food science , Volume: 83 Issue: 1 2018 Jan**

Authors Chacar S,Itani T,Hajal J,Saliba Y,Louka N,Faivre JF,Maroun R,Fares N

A combination of quercetin and resveratrol reduces obesity in high-fat diet-fed rats by modulation of gut microbiota.

**Food & function , Volume: 8 Issue: 12 2017 Dec 13**

Authors Zhao L,Zhang Q,Ma W,Tian F,Shen H,Zhou M

Lactobacillus plantarum HNU082-derived improvements in the intestinal microbiome prevent the development of hyperlipidaemia.

**Food & function , Volume: 8 Issue: 12 2017 Dec 13**

Authors Shao Y,Huo D,Peng Q,Pan Y,Jiang S,Liu B,Zhang J

The effects of iron fortification and supplementation on the gut microbiome and diarrhea in infants and children: a review.

**The American journal of clinical nutrition , Volume: 106 Issue: Suppl 6 2017 Dec**

Authors Paganini D,Zimmermann MB

Characterization of fecal fat composition and gut derived fecal microbiota in high-fat diet fed rats following intervention with chito-oligosaccharide and resistant starch complexes.

**Food & function , Volume: 8 Issue: 12 2017 Dec 13**

Authors Shang W,Si X,Zhou Z,Li Y,Strappe P,Blanchard C

Effects of microencapsulated Lactobacillus plantarum LIP-1 on the gut microbiota of hyperlipidaemic rats.

**The British journal of nutrition , Volume: 118 Issue: 7 2017 Oct**

Authors Song JJ,Tian WJ,Kwok LY,Wang YL,Shang YN,Menghe B,Wang JG

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

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

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

Effect of Functional Oligosaccharides and Ordinary Dietary Fiber on Intestinal Microbiota Diversity.

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

Authors Cheng W,Lu J,Li B,Lin W,Zhang Z,Wei X,Sun C,Chi M,Bi W,Yang B,Jiang A,Yuan J

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

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

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

Fructooligosaccharide (FOS) and Galactooligosaccharide (GOS) Increase Bifidobacterium but Reduce Butyrate Producing

Bacteria with Adverse Glycemic Metabolism in healthy young population.

**Scientific reports , Volume: 7 Issue: 1 2017 Sep 18**

**Authors Liu F,Li P,Chen M,Luo Y,Prabhakar M,Zheng H,He Y,Qi Q,Long H,Zhang Y,Sheng H,Zhou H**

Antibacterial activity and interactions of plant essential oil combinations against Gram-positive and Gram-negative bacteria.

**Journal of food and drug analysis , Volume: 25 Issue: 2 2017 Apr**

**Authors Semeniuc CA,Pop CR,Rotar AM**

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**

Worse inflammatory profile in omnivores than in vegetarians associates with the gut microbiota composition.

**Diabetology & metabolic syndrome , Volume: 9 2017**

**Authors Franco-de-Moraes AC,de Almeida-Pititto B,da Rocha Fernandes G,Gomes EP,da Costa Pereira A,Ferreira SRG**

Black Raspberries and Their Anthocyanin and Fiber Fractions Alter the Composition and Diversity of Gut Microbiota in F-344 Rats.

**Nutrition and cancer , Volume: 69 Issue: 6 2017 Aug-Sep**

**Authors Pan P,Lam V,Salzman N,Huang YW,Yu J,Zhang J,Wang LS**

Association of Silver Nanoparticles and Curcumin Solid Dispersion: Antimicrobial and Antioxidant Properties.

**AAPS PharmSciTech , Volume: 19 Issue: 1 2018 Jan**

**Authors Alves TF,Chaud MV,Grotto D,Jozala AF,Pandit R,Rai M,Dos Santos CA**

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**

Human Milk Oligosaccharides Exhibit Antimicrobial and Antibiofilm Properties against Group B Streptococcus.

**ACS infectious diseases , Volume: 3 Issue: 8 2017 Aug 11**

**Authors Ackerman DL,Doster RS,Weitkamp JH,Aronoff DM,Gaddy JA,Townsend SD**

Effects of Commercial Apple Varieties on Human Gut Microbiota Composition and Metabolic Output Using an In Vitro Colonic Model.

**Nutrients , Volume: 9 Issue: 6 2017 May 24**

**Authors Koutsos A,Lima M,Conterno L,Gasperotti M,Bianchi M,Fava F,Vrhovsek U,Lovegrove JA,Tuohy KM**

Health benefit of vegetable/fruit juice-based diet: Role of microbiome

**Scientific Reports , Volume: 7 2017 May 19**

**Authors Henning SM,Yang J,Shao P,Lee RP,Huang J,Ly A,Hsu M,Lu QY,Thames G,Heber D,Li Z**

Evaluation of Phenolic Compounds and Antioxidant and Antimicrobial Activities of Some Common Herbs.

**International journal of analytical chemistry , Volume: 2017 2017**

**Authors Abdul Qadir M,Shahzadi SK,Bashir A,Munir A,Shahzad S**

Effect of dietary polyphenol-rich grape seed on growth performance, antioxidant capacity and ileal microflora in broiler chicks.

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

**Authors Abu Hafsa SH,Ibrahim SA**

Apple Polysaccharide inhibits microbial dysbiosis and chronic inflammation and modulates gut permeability in HFD-fed rats.

**International journal of biological macromolecules , Volume: 99 2017 Jun**

**Authors Wang S,Li Q,Zang Y,Zhao Y,Liu N,Wang Y,Xu X,Liu L,Mei Q**

Specific inulin-type fructan fibers protect against autoimmune diabetes by modulating gut immunity, barrier function, and microbiota homeostasis.

**Molecular nutrition & food research , Volume: 61 Issue: 8 2017 Aug**

**Authors Chen K,Chen H,Faas MM,de Haan BJ,Li J,Xiao P,Zhang H,Diana J,de Vos P,Sun J**

Prebiotic inulin-type fructans induce specific changes in the human gut microbiota.

**Gut , Volume: 66 Issue: 11 2017 Nov**

**Authors Vandepitte D,Falony G,Vieira-Silva S,Wang J,Sailer M,Theis S,Verbeke K,Raes J**

Characterization of ginger essential oil/palygorskite composite (GEO-PGS) and its anti-bacteria activity.

**Materials science & engineering. C, Materials for biological applications , Volume: 73 2017 Apr 1**

**Authors** Lei H,Wei Q,Wang Q,Su A,Xue M,Liu Q,Hu Q

Bovine milk oligosaccharides decrease gut permeability and improve inflammation and microbial dysbiosis in diet-induced obese mice.

**Journal of dairy science , Volume: 100 Issue: 4 2017 Apr**

**Authors** Boudry G,Hamilton MK,Chichlowski M,Wickramasinghe S,Barile D,Kalanetra KM,Mills DA,Raybould HE

Sodium butyrate attenuates high-fat diet-induced steatohepatitis in mice by improving gut microbiota and gastrointestinal barrier

**World Journal of Gastroenterology , Volume: 23 Issue: 1 2017 Jan 7**

**Authors** Zhou D,Pan Q,Xin FZ,Zhang RN,He CX,Chen GY,Liu C,Chen YW,Fan JG

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

Impact of short-chain galactooligosaccharides on the gut microbiome of lactose-intolerant individuals.

**Proceedings of the National Academy of Sciences of the United States of America , Volume: 114 Issue: 3 2017 Jan 17**

**Authors** Azcarate-Peril MA,Ritter AJ,Savaiano D,Monteagudo-Mera A,Anderson C,Magness ST,Klaenhammer TR

Oligofructose as an adjunct in treatment of diabetes in NOD mice.

**Scientific reports , Volume: 6 2016 Nov 22**

**Authors** Chan C,Hyslop CM,Shrivastava V,Ochoa A,Reimer RA,Huang C

Lactate- and acetate-based cross-feeding interactions between selected strains of lactobacilli, bifidobacteria and colon bacteria in the presence of inulin-type fructans.

**International journal of food microbiology , Volume: 241 2017 Jan 16**

**Authors** Moens F,Verce M,De Vuyst L

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

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

**Authors** Bunesova V,Lacroix C,Schwab C

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

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

**Authors** Elison E,Vigsnaes LK,Rindom Krogsgaard L,Rasmussen J,Sørensen N,McConnell B,Hennet T,Sommer MO,Bytzer P

Dairy and plant based food intakes are associated with altered faecal microbiota in 2 to 3 year old Australian children.

**Scientific reports , Volume: 6 2016 Oct 3**

**Authors** Smith-Brown P,Morrison M,Krause L,Davies PS

Efficacy and role of inulin in mitigation of enteric sulfur-containing odor in pigs.

**Journal of the science of food and agriculture , Volume: 97 Issue: 8 2017 Jun**

**Authors** Deng YF,Liu YY,Zhang YT,Wang Y,Liang JB,Tufarelli V,Laudadio V,Liao XD

Benefits of Bifidobacterium animalis subsp. lactis Probiotic in Experimental Periodontitis.

**Journal of periodontology , Volume: 88 Issue: 2 2017 Feb**

**Authors** Oliveira LF,Salvador SL,Silva PH,Furlaneto FA,Figueiredo L,Casarim R,Ervolino E,Palioto DB,Souza SL,Taba M Jr,Novaes AB Jr,Messora MR

Iron Fortification of Foods for Infants and Children in Low-Income Countries: Effects on the Gut Microbiome, Gut Inflammation, and Diarrhea.

**Nutrients , Volume: 8 Issue: 8 2016 Aug 12**

**Authors** Paganini D,Uyoga MA,Zimmermann MB

An ATP Binding Cassette Transporter Mediates the Uptake of a(1,6)-Linked Dietary Oligosaccharides in Bifidobacterium and Correlates with Competitive Growth on These Substrates.

**The Journal of biological chemistry , Volume: 291 Issue: 38 2016 Sep 16**

**Authors** Ejby M,Fredslund F,Andersen JM,Vujicic Žagar A,Henriksen JR,Andersen TL,Svensson B,Slotboom DJ,Abou Hachem M

Curcumin protects mice from Staphylococcus aureus pneumonia by interfering with the self-assembly process of a-hemolysin.

**Scientific reports , Volume: 6 2016 Jun 27**

**Authors** Wang J,Zhou X,Li W,Deng X,Deng Y,Niu X

Short communication: Modulation of the small intestinal microbial community composition over short-term or long-term administration with Lactobacillus plantarum ZDY2013.

**Journal of dairy science , Volume: 99 Issue: 9 2016 Sep**

**Authors** Xie Q,Pan M,Huang R,Tian X,Tao X,Shah NP,Wei H,Wan C

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,Afridi MS,Fazal H,Shah Z,Rahman A,da Rocha JB**

Prebiotics and Bioactive Milk Fractions Affect Gut Development, Microbiota, and Neurotransmitter Expression in Piglets.

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

**Authors Berding K,Wang M,Monaco MH,Alexander LS,Mudd AT,Chichlowski M,Waworuntu RV,Berg BM,Miller MJ,Dilger RN,Donovan SM**

In vitro extraction and fermentation of polyphenols from grape seeds (*Vitis vinifera*) by human intestinal microbiota.

**Food & function , Volume: 7 Issue: 4 2016 Apr**

**Authors Zhou L,Wang W,Huang J,Ding Y,Pan Z,Zhao Y,Zhang R,Hu B,Zeng X**

Effect of *Saccharomyces boulardii* and Mode of Delivery on the Early Development of the Gut Microbial Community in Preterm Infants.

**PLoS one , Volume: 11 Issue: 2 2016**

**Authors Zeber-Lubecka N,Kulecka M,Ambroziewicz F,Paziewska A,Lechowicz M,Konopka E,Majewska U,Borszewska-Kornacka M,Mikula M,Cukrowska B,Ostrowski J**

*Lactobacillus plantarum* NCU116 attenuates cyclophosphamide-induced intestinal mucosal injury, metabolism and intestinal microbiota disorders in mice.

**Food & function , Volume: 7 Issue: 3 2016 Mar**

**Authors Xie JH,Fan ST,Nie SP,Yu Q,Xiong T,Gong D,Xie MY**

Oral versus intravenous iron replacement therapy distinctly alters the gut microbiota and metabolome in patients with IBD.

**Gut , Volume: 66 Issue: 5 2017 May**

**Authors Lee T,Clavel T,Smirnov K,Schmidt A,Lagkouvardos I,Walker A,Lucio M,Michalke B,Schmitt-Kopplin P,Fedorak R,Haller D**

High purity galacto-oligosaccharides enhance specific *Bifidobacterium* species and their metabolic activity in the mouse gut microbiome.

**Beneficial microbes , Volume: 7 Issue: 2 2016**

**Authors Monteagudo-Mera A,Arthur JC,Jobin C,Keku T,Bruno-Barcena JM,Azcarate-Peril MA**

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,Abbas H,Vali H,Akbari Noghabi K**

Probiotic Characteristics of *Lactobacillus plantarum* FH185 Isolated from Human Feces.

**Korean journal for food science of animal resources , Volume: 35 Issue: 5 2015**

**Authors Park SY,Lim SD**

Dietary Isomers of Sialyllectose Increase Ganglioside Sialic Acid Concentrations in the Corpus Callosum and Cerebellum and Modulate the Colonic Microbiota of Formula-Fed Piglets.

**The Journal of nutrition , Volume: 146 Issue: 2 2016 Feb**

**Authors Jacobi SK,Yatsunenko T,Li D,Dasgupta S,Yu RK,Berg BM,Chichlowski M,Odle J**

Effects of probiotics *Pediococcus acidilactici* strain MA18/5M and *Saccharomyces cerevisiae* subsp. *boulardii* strain SB-CNCM I-1079 on fecal and intestinal microbiota of nursing and weanling piglets.

**Journal of animal science , Volume: 93 Issue: 11 2015 Nov**

**Authors Brousseau JP,Talbot G,Beaudoin F,Lauzon K,Roy D,Lessard M**

Inhibition of *Staphylococcus aureus* cocktail using the synergies of oregano and rosemary essential oils or carvacrol and 1,8-cineole.

**Frontiers in microbiology , Volume: 6 2015**

**Authors Honório VG,Bezerra J,Souza GT,Carvalho RJ,Gomes-Neto NJ,Figueiredo RC,Melo JV,Souza EL,Magnani M**

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**

Bacteriocin-producing strains of Lactobacillus plantarum inhibit adhesion of Staphylococcus aureus to extracellular matrix: quantitative insight and implications in antibacterial therapy.

**Journal of medical microbiology , Volume: 64 Issue: 12 2015 Dec**

**Authors Mukherjee S,Ramesh A**

Effect of daily intake of pomegranate juice on fecal microbiota and feces metabolites from healthy volunteers.

**Molecular nutrition & food research , Volume: 59 Issue: 10 2015 Oct**

**Authors Mosele JJ,Gosalbes MJ,Macià A,Rubió L,Vázquez-Castellanos JF,Jiménez Hernández N,Moya A,Latorre A,Motilva MU**

Agave Inulin Supplementation Affects the Fecal Microbiota of Healthy Adults Participating in a Randomized, Double-Blind, Placebo-Controlled, Crossover Trial.

**The Journal of nutrition , Volume: 145 Issue: 9 2015 Sep**

**Authors Holscher HD,Bauer LL,Gourineni V,Pelkman CL,Fahey GC Jr,Swanson KS**

Gelucire-Based Nanoparticles for Curcumin Targeting to Oral Mucosa: Preparation, Characterization, and Antimicrobial Activity Assessment.

**Journal of pharmaceutical sciences , Volume: 104 Issue: 11 2015 Nov**

**Authors Hazzah HA,Farid RM,Nasra MMA,Hazzah WA,El-Massik MA,Abdallah OY**

In vitro probiotic characteristics of Lactobacillus plantarum ZDY 2013 and its modulatory effect on gut microbiota of mice.

**Journal of dairy science , Volume: 98 Issue: 9 2015 Sep**

**Authors Huang R,Tao X,Wan C,Li S,Xu H,Xu F,Shah NP,Wei H**

In vitro characterisation of the fermentation profile and prebiotic capacity of gold-fleshed kiwifruit.

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

**Authors Blatchford P,Bentley-Hewitt KL,Stoklosinski H,McGhie T,Gearry R,Gibson G,Anselli J**

In Vitro Effects of Dietary Inulin on Human Fecal Microbiota and Butyrate Production.

**Journal of microbiology and biotechnology , Volume: 25 Issue: 9 2015 Sep**

**Authors Jung TH,Jeon WM,Han KS**

Antimicrobial Impacts of Essential Oils on Food Borne-Pathogens.

**Recent patents on food, nutrition & agriculture , Volume: 7 Issue: 1 2015**

**Authors Ozogul Y,Kuley E,Ucar Y,Ozogul F**

Pomegranate ellagitannins stimulate growth of gut bacteria in vitro: Implications for prebiotic and metabolic effects.

**Anaerobe , Volume: 34 2015 Aug**

**Authors Li Z,Summanen PH,Komoriya T,Henning SM,Lee RP,Carlson E,Heber D,Finegold SM**

Review article: dietary fibre-microbiota interactions.

**Alimentary pharmacology & therapeutics , Volume: 42 Issue: 2 2015 Jul**

**Authors Simpson HL,Campbell BJ**

Antimicrobial agents from selected medicinal plants in Libya.

**Chinese journal of integrative medicine , Volume: 22 Issue: 3 2016 Mar**

**Authors Muhaisen HM,Ab-Mous MM,Ddeeb FA,Rtemi AA,Taba OM,Parveen M**

Design of a papain immobilized antimicrobial food package with curcumin as a crosslinker.

**PLoS one , Volume: 10 Issue: 4 2015**

**Authors Manohar CM,Prabhawathi V,Sivakumar PM,Doble M**

Effects of Probiotics on Gut Microbiota in Patients with Inflammatory Bowel Disease: A Double-blind, Placebo-controlled Clinical Trial.

**The Korean journal of gastroenterology = Taehan Sohwagi Hakhoe chi , Volume: 65 Issue: 4 2015 Apr**

**Authors Shadnoush M,Hosseini RS,Khalilnezhad A,Navai L,Goudarzi H,Vaezjalali M**

Antifungal and antibacterial metabolites from a French poplar type propolis.

**Evidence-based complementary and alternative medicine : eCAM , Volume: 2015 2015**

**Authors Boisard S,Le Ray AM,Landreau A,Kempf M,Cassisa V,Flurin C,Richomme P**

Empirical prediction and validation of antibacterial inhibitory effects of various plant essential oils on common pathogenic bacteria.

**International journal of food microbiology , Volume: 202 2015 Jun 2**

**Authors Akdemir Evrendilek G**

Increased gut microbiota diversity and abundance of Faecalibacterium prausnitzii and Akkermansia after fasting: a pilot study.

**Wiener klinische Wochenschrift , Volume: 127 Issue: 9-10 2015 May**

**Authors Remely M,Hippe B,Geretschlaeger I,Stegmayer S,Hoeftinger I,Haslberger A**

Effect of specific amino acids on hepatic lipid metabolism in fructose-induced non-alcoholic fatty liver disease.

**Clinical nutrition (Edinburgh, Scotland) , Volume: 35 Issue: 1 2016 Feb**

**Authors Jegatheesan P,Beutheu S,Ventura G,Sarfati G,Nubret E,Kapel N,Waligora-Dupriet AJ,Bergheim I,Cynober L,De-Bandt JP**

Fecal microbiota composition of breast-fed infants is correlated with human milk oligosaccharides consumed.

**Journal of pediatric gastroenterology and nutrition , Volume: 60 Issue: 6 2015 Jun**

**Authors Wang M,Li M,Wu S,Lebrilla CB,Chapkin RS,Ivanov I,Donovan SM**

Antimicrobial and antioxidant activities and chemical characterization of essential oils of Thymusvulgaris, Rosmarinus officinalis, and Origanum majorana from northeastern México.

**Pakistan journal of pharmaceutical sciences , Volume: 28 Issue: 1 Suppl 2015 Jan**

**Authors Guerra-Boone L,Alvarez-Román R,Alvarez-Román R,Salazar-Aranda R,Torres-Cirio A,Rivas-Galindo VM,de-Torres NW,González G,Pérez-López LA**

Orally disintegrating films containing propolis: properties and release profile.

**Journal of pharmaceutical sciences , Volume: 104 Issue: 4 2015 Apr**

**Authors Borges JG,De Carvalho RA**

Bioanalytical evaluation of Cinnamomum zeylanicum essential oil.

**Natural product research , Volume: 29 Issue: 19 2015**

**Authors Saleem M,Bhatti HN,Jilani MI,Hanif MA**

Modulation of the intestinal microbiota is associated with lower plasma cholesterol and weight gain in hamsters fed chardonnay grape seed flour.

**Journal of agricultural and food chemistry , Volume: 63 Issue: 5 2015 Feb 11**

**Authors Kim H,Kim DH,Seo KH,Chon JW,Nah SY,Bartley GE,Arvik T,Lipson R,Yokoyama W**

In-vitro screening of Malaysian honey from different floral sources for antibacterial activity on human pathogenic bacteria.

**African journal of traditional, complementary, and alternative medicines : AJTCAM , Volume: 11 Issue: 2 2014**

**Authors Ng WJ,Ken KW,Kumar RV,Gunasagaran H,Chandramogan V,Lee YY**

Chemically defined diet alters the protective properties of fructo-oligosaccharides and isomalto-oligosaccharides in HLA-B27 transgenic rats.

**PLoS one , Volume: 9 Issue: 11 2014**

**Authors Koleva P,Ketabi A,Valcheva R,Gänzle MG,Dieleman LA**

Active dry Saccharomyces cerevisiae can alleviate the effect of subacute ruminal acidosis in lactating dairy cows.

**Journal of dairy science , Volume: 97 Issue: 12 2014 Dec**

**Authors AlZahal O,Dionissopoulos L,Laarman AH,Walker N,McBride BW**

Total Phenolic Content and Antibacterial Activity of Five Plants of Labiateae against Four Foodborne and Some Other Bacteria.

**Iranian journal of pharmaceutical research : IJPR , Volume: 13 Issue: 2 2014 Spring**

**Authors Mahboubi A,Kamalinejad M,Ayatollahi AM,Babaeian M**

Effects of diet on gut microbiota profile and the implications for health and disease.

**Bioscience of microbiota, food and health , Volume: 32 Issue: 1 2013**

**Authors Lee YK**

Effects of natural honey on polymicrobial culture of various human pathogens.

**Archives of medical science : AMS , Volume: 10 Issue: 2 2014 May 12**

**Authors Al-Waili NS,Al-Waili FS,Akmal M,Ali A,Salom KY,Al Ghamdi AA**

Effect of methylglyoxal on multidrug-resistant Pseudomonas aeruginosa.

**Frontiers in microbiology , Volume: 5 2014**

**Authors Hayashi K,Fukushima A,Hayashi-Nishino M,Nishino K**

Efficacy of Papacarie® in reduction of residual bacteria in deciduous teeth: a randomized, controlled clinical trial.

**Clinics (Sao Paulo, Brazil) , Volume: 69 Issue: 5 2014**

**Authors Motta LJ,Bussadori SK,Campanelli AP,Silva AL,Alfaya TA,Godoy CH,Navarro MF**

Synergetic antimicrobial effects of mixtures of ethiopian honeys and ginger powder extracts on standard and resistant clinical bacteria isolates.

**Evidence-based complementary and alternative medicine : eCAM , Volume: 2014 2014**

**Authors Ewnetu Y,Lemma W,Birhane N**

Lactobacillus plantarum IFPL935 impacts colonic metabolism in a simulator of the human gut microbiota during feeding with red wine polyphenols.

**Applied microbiology and biotechnology , Volume: 98 Issue: 15 2014 Aug**

**Authors Barroso E,Van de Wiele T,Jiménez-Girón A,Muñoz-González I,Martín-Alvarez PJ,Moreno-Arribas MV,Bartolomé B,Peláez C,Martínez-Cuesta MC,Requena T**

A rosemary extract rich in carnosic acid selectively modulates caecum microbiota and inhibits β-glucosidase activity, altering fiber and short chain fatty acids fecal excretion in lean and obese female rats.

**PLoS one , Volume: 9 Issue: 4 2014**

**Authors Romo-Vaquero M,Selma MV,Larrosa M,Obiol M,García-Villalba R,González-Barrio R,Issaly N,Flanagan J,Roller M,Tomás-Barberán FA,García-Conesa MT**

Effects of resveratrol on gut microbiota and fat storage in a mouse model with high-fat-induced obesity.

**Food & function , Volume: 5 Issue: 6 2014 Jun**

**Authors Qiao Y,Sun J,Xia S,Tang X,Shi Y,Le G**

Anti-staphylococcal activity of C-methyl flavanones from propolis of Australian stingless bees (*Tetragonula carbonaria*) and fruit resins of *Corymbia torelliana* (Myrtaceae).

**Fitoterapia , Volume: 95 2014 Jun**

**Authors Massaro CF,Katouli M,Grkovic T,Vu H,Quinn RJ,Heard TA,Carvalho C,Manley-Harris M,Wallace HM,Brooks P**

Effects of *Lactobacillus plantarum* on production performance, immune characteristics, antioxidant status, and intestinal microflora of bursin-immunized broilers.

**Canadian journal of microbiology , Volume: 60 Issue: 4 2014 Apr**

**Authors Shen X,Yi D,Ni X,Zeng D,Jing B,Lei M,Bian Z,Zeng Y,Li T,Xin J**

RNA-stable-isotope probing shows utilization of carbon from inulin by specific bacterial populations in the rat large bowel.

**Applied and environmental microbiology , Volume: 80 Issue: 7 2014 Apr**

**Authors Tannock GW,Lawley B,Munro K,Sims IM,Lee J,Butts CA,Roy N**

Antibacterial, antifungal and antioxidant activities of honey collected from Timergara (Dir, Pakistan).

**Pakistan journal of pharmaceutical sciences , Volume: 27 Issue: 1 2014 Jan**

**Authors Zahoor M,Naz S,Sangeen M**

Association of dietary type with fecal microbiota in vegetarians and omnivores in Slovenia.

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

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

Role of probiotics in the prevention and treatment of meticillin-resistant *Staphylococcus aureus* infections.

**International journal of antimicrobial agents , Volume: 42 Issue: 6 2013 Dec**

**Authors Sikorska H,Smorągiewicz W**

Antioxidant, antibacterial and ACE-inhibitory activity of four monofloral honeys in relation to their chemical composition.

**Food & function , Volume: 4 Issue: 11 2013 Nov**

**Authors León-Ruiz V,González-Porto AV,Al-Habsi N,Vera S,San Andrés MP,Jauregi P**

Probiotic features of two oral *Lactobacillus* isolates.

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

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

Utilization of major fucosylated and sialylated human milk oligosaccharides by isolated human gut microbes.

**Glycobiology , Volume: 23 Issue: 11 2013 Nov**

**Authors Yu ZT,Chen C,Newburg DS**

Kiwifruit (*Actinidia deliciosa*) changes intestinal microbial profile.

**Microbial ecology in health and disease , Volume: 23 2012**

**Authors Lee YK,Low KY,Siah K,Drummond LM,Gwee KA**

Functional ginger extracts from supercritical fluid carbon dioxide extraction via in vitro and in vivo assays: antioxidation, antimicroorganism, and mice xenografts models.

**TheScientificWorldJournal , Volume: 2013 2013**

**Authors Lee CC,Chiou LY,Wang JY,Chou SY,Lan JC,Huang TS,Huang KC,Wang HM**

Intestinal microbiology in early life: specific prebiotics can have similar functionalities as human-milk oligosaccharides.

**The American journal of clinical nutrition , Volume: 98 Issue: 2 2013 Aug**

**Authors Oozeer R,van Limpt K,Ludwig T,Ben Amor K,Martin R,Wind RD,Boehm G,Khol J**

In vitro evaluation of Portuguese propolis and floral sources for antiprotozoal, antibacterial and antifungal activity.

**Phytotherapy research : PTR , Volume: 28 Issue: 3 2014 Mar**

**Authors Falcão SI,Vale N,Cos P,Gomes P,Freire C,Maes L,Vilas-Boas M**

Fiber and prebiotics: mechanisms and health benefits.

**Nutrients , Volume: 5 Issue: 4 2013 Apr 22**

**Authors Slavin J**

Inulin-type fructans with different degrees of polymerization improve lipid metabolism but not glucose metabolism in rats fed a high-fat diet under energy restriction.

**Digestive diseases and sciences , Volume: 58 Issue: 8 2013 Aug**

**Authors Han KH,Tsuchihira H,Nakamura Y,Shimada K,Ohba K,Aritsuka T,Uchino H,Kikuchi H,Fukushima M**

Influence of coffee (*Coffea arabica*) and galacto-oligosaccharide consumption on intestinal microbiota and the host responses.

**FEMS microbiology letters , Volume: 343 Issue: 2 2013 Jun**

**Authors Nakayama T,Oishi K**

Antibacterial activity and mode of action of ferulic and gallic acids against pathogenic bacteria.

**Microbial drug resistance (Larchmont, N.Y.) , Volume: 19 Issue: 4 2013 Aug**

**Authors Borges A,Ferreira C,Saavedra MJ,Simões M**

Antibacterial and antimycotic activities of Slovenian honeys.

**British journal of biomedical science , Volume: 69 Issue: 4 2012**

**Authors Kuncic MK,Jaklic D,Lapanje A,Gunde-Cimerman N**

In vitro antimicrobial assessment of Cuban propolis extracts.

**Memorias do Instituto Oswaldo Cruz , Volume: 107 Issue: 8 2012 Dec**

**Authors Monzote L,Cuesta-Rubio O,Campo Fernandez M,Márquez Hernandez I,Fraga J,Pérez K,Kerstens M,Maes L,Cos P**

Synergistic effects of honey and propolis toward drug multi-resistant *Staphylococcus aureus*, *Escherichia coli* and *Candida albicans* isolates in single and polymicrobial cultures.

**International journal of medical sciences , Volume: 9 Issue: 9 2012**

**Authors Al-Waili N,Al-Ghamdi A,Ansari MJ,Al-Attal Y,Salom K**

Antibacterial activity of Greek and Cypriot honeys against *Staphylococcus aureus* and *Pseudomonas aeruginosa* in comparison to manuka honey.

**Journal of medicinal food , Volume: 16 Issue: 1 2013 Jan**

**Authors Anthimidou E,Mossialos D**

In vitro fermentation of commercial α-gluco-oligosaccharide by faecal microbiota from lean and obese human subjects.

**The British journal of nutrition , Volume: 109 Issue: 11 2013 Jun**

**Authors Sarbini SR,Kolida S,Gibson GR,Rastall RA**

Antibacterial activity of various honey types of Algeria against *Staphylococcus aureus* and *Streptococcus pyogenes*.

**Asian Pacific journal of tropical medicine , Volume: 5 Issue: 10 2012 Oct**

**Authors Moussa A,Noureddine D,Mohamed HS,Abdelmelek M,Saad A**

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

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

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

Chemical composition, olfactory analysis and antibacterial activity of *Thymus vulgaris* chemotypes geraniol, 4-thujanol/terpinen-4-ol, thymol and linalool cultivated in southern France.

**Natural product communications , Volume: 7 Issue: 8 2012 Aug**

**Authors Schmidt E,Wanner J,Hilferl M,Jirovetz L,Buchbauer G,Gochev V,Girova T,Stoyanova A,Geissler M**

Fermented milk supplemented with probiotics and prebiotics can effectively alter the intestinal microbiota and immunity of host animals.

**Journal of dairy science , Volume: 95 Issue: 9 2012 Sep**

**Authors Wang S,Zhu H,Lu C,Kang Z,Luo Y,Feng L,Lu X**

Effect of chito-oligosaccharide on growth performance, intestinal barrier function, intestinal morphology and cecal microflora in weaned pigs.

**Journal of animal science , Volume: 90 Issue: 8 2012 Aug**

**Authors Yang CM,Ferket PR,Hong QH,Zhou J,Cao GT,Zhou L,Chen AG**

Inulin modifies the bifidobacteria population, fecal lactate concentration, and fecal pH but does not influence iron absorption in women with low iron status.

**The American journal of clinical nutrition , Volume: 96 Issue: 2 2012 Aug**

**Authors Petry N,Egli I,Chassard C,Lacroix C,Hurrell R**

Synthesis and evaluation of antimicrobial activity of 4H-pyrimido[2,1-b]benzothiazole, pyrazole and benzylidene derivatives of curcumin.

**European journal of medicinal chemistry , Volume: 54 2012 Aug**

**Authors Sahu PK,Sahu PK,Gupta SK,Thavaselvam D,Agarwal DD**

The antimicrobial action of chitosan, low molar mass chitosan, and chitooligosaccharides on human colonic bacteria.

**Folia microbiologica , Volume: 57 Issue: 4 2012 Jul**

**Authors Simunek J,Brandysová V,Koppová I,Simunek J Jr**

Microbial composition and in vitro fermentation patterns of human milk oligosaccharides and prebiotics differ between formula-fed and sow-reared piglets.

**The Journal of nutrition , Volume: 142 Issue: 4 2012 Apr**

**Authors Li M,Bauer LL,Chen X,Wang M,Kuhlenschmidt TB,Kuhlenschmidt MS,Fahey GC Jr,Donovan SM**

Inulin and fructo-oligosaccharides have divergent effects on colitis and commensal microbiota in HLA-B27 transgenic rats.

**The British journal of nutrition , Volume: 108 Issue: 9 2012 Nov 14**

**Authors Koleva PT,Valcheva RS,Sun X,Gänzle MG,Dieleman LA**

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

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

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

The antimicrobial activity of essential oils and extracts of some medicinal plants grown in Ash-shoubak region - South of

Jordan.

**Pakistan journal of pharmaceutical sciences** , Volume: 25 Issue: 1 2012 Jan

Authors Abu-Darwish MS,Al-Ramamneh EA,Kyslychenko VS,Karpiuk UV

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

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

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

Six-week consumption of a wild blueberry powder drink increases bifidobacteria in the human gut.

**Journal of agricultural and food chemistry** , Volume: 59 Issue: 24 2011 Dec 28

Authors Vendrame S,Guglielmetti S,Riso P,Arioli S,Klimis-Zacas D,Porrini M

Synergistic antimicrobial activities of natural essential oils with chitosan films.

**Journal of agricultural and food chemistry** , Volume: 59 Issue: 23 2011 Dec 14

Authors Wang L,Liu F,Jiang Y,Chai Z,Li P,Cheng Y,Jing H,Leng X

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

A vegan or vegetarian diet substantially alters the human colonic faecal microbiota.

**European journal of clinical nutrition** , Volume: 66 Issue: 1 2012 Jan

Authors Zimmer J,Lange B,Frick JS,Sauer H,Zimmermann K,Schwierz A,Rusch K,Klosterhalfen S,Enck P

Effect of banana consumption on faecal microbiota: a randomised, controlled trial.

**Anaerobe** , Volume: 17 Issue: 6 2011 Dec

Authors Mitsou EK,Kougia E,Nomikos T,Yannakoulia M,Mountzouris KC,Kyriacou A

Cytotoxicity, antiviral and antimicrobial activities of alkaloids, flavonoids, and phenolic acids.

**Pharmaceutical biology** , Volume: 49 Issue: 4 2011 Apr

Authors Ozcelik B,Kartal M,Orhan I

The effects of iron fortification on the gut microbiota in African children: a randomized controlled trial in Cote d'Ivoire.

**The American journal of clinical nutrition** , Volume: 92 Issue: 6 2010 Dec

Authors Zimmermann MB,Chassard C,Rohner F,Ngoran EK,Nindjin C,Dostal A,Utzinger J,Ghattas H,Lacroix C,Hurrell RF

Dietary cellulose, fructooligosaccharides, and pectin modify fecal protein catabolites and microbial populations in adult cats.

**Journal of animal science** , Volume: 88 Issue: 9 2010 Sep

Authors Barry KA,Wojcicki BJ,Middelbos IS,Vester BM,Swanson KS,Fahey GC Jr

The influence of pomegranate by-product and punicalagins on selected groups of human intestinal microbiota.

**International journal of food microbiology** , Volume: 140 Issue: 2-3 2010 Jun 15

Authors Bialonska D,Ramnani P,Kasimsetty SG,Muntha KR,Gibson GR,Ferreira D

Consumption of human milk oligosaccharides by gut-related microbes.

**Journal of agricultural and food chemistry** , Volume: 58 Issue: 9 2010 May 12

Authors Marcabal A,Barboza M,Froehlich JW,Block DE,German JB,Lebrilla CB,Mills DA

Effect of apple intake on fecal microbiota and metabolites in humans.

**Anaerobe** , Volume: 16 Issue: 5 2010 Oct

Authors Shinohara K,Ohashi Y,Kawasumi K,Terada A,Fujisawa T

Synergistic antibacterial activity between Thymus vulgaris and Pimpinella anisum essential oils and methanol extracts.

**Journal of ethnopharmacology** , Volume: 116 Issue: 3 2008 Mar 28

Authors Al-Bayati FA

Baseline microbiota activity and initial bifidobacteria counts influence responses to prebiotic dosing in healthy subjects.

**Alimentary pharmacology & therapeutics** , Volume: 27 Issue: 6 2008 Mar 15

Authors de Preter V,Vanhoutte T,Huys G,Swings J,Rutgeerts P,Verbeke K

Antibacterial effect of five Zingiberaceae essential oils.

**Molecules (Basel, Switzerland)** , Volume: 12 Issue: 8 2007 Aug 23

Authors Norajit K,Laothakunjit N,Kerdchoechuen O

Evaluation of fermentable oligosaccharides in diets fed to dogs in comparison to fiber standards.

**Journal of animal science** , Volume: 85 Issue: 11 2007 Nov

Authors Middelbos IS,Fastinger ND,Fahey GC Jr

Chemical composition and biological activity of a new type of Brazilian propolis: red propolis.

**Journal of ethnopharmacology** , Volume: 113 Issue: 2 2007 Sep 5

Authors Alencar SM,Oldoni TL,Castro ML,Cabral IS,Costa-Neto CM,Cury JA,Rosalen PL,Ikegaki M

Vapor-phase activities of cinnamon, thyme, and oregano essential oils and key constituents against foodborne microorganisms.

**Journal of agricultural and food chemistry** , Volume: 55 Issue: 11 2007 May 30

**Authors López P,Sánchez C,Batlle R,Nerín C**

Jerusalem artichoke and chicory inulin in bakery products affect faecal microbiota of healthy volunteers.

**The British journal of nutrition , Volume: 98 Issue: 3 2007 Sep**

**Authors Kleessen B,Schwarz S,Boehm A,Fuhrmann H,Richter A,Henle T,Krueger M**

Impact of consumption of different levels of *Bifidobacterium lactis* HN019 on the intestinal microflora of elderly human subjects.

**The journal of nutrition, health & aging , Volume: 11 Issue: 1 2007 Jan-Feb**

**Authors Ahmed M,Prasad J,Gill H,Stevenson L,Gopal P**

Supplementation of baby formula with native inulin has a prebiotic effect in formula-fed babies.

**Asia Pacific journal of clinical nutrition , Volume: 16 Issue: 1 2007**

**Authors Kim SH,Lee DH,Meyer D**

Physiological effects of extraction juices from apple, grape, and red beet pomaces in rats.

**Journal of agricultural and food chemistry , Volume: 54 Issue: 26 2006 Dec 27**

**Authors Sembries S,Dongowski G,Mehrländer K,Will F,Dietrich H**

Effects of *Bifidobacterium lactis* Bb12 supplementation on intestinal microbiota of preterm infants: a double-blind, placebo-controlled, randomized study.

**Journal of clinical microbiology , Volume: 44 Issue: 11 2006 Nov**

**Authors Mohan R,Koebnick C,Schildt J,Schmidt S,Mueller M,Possner M,Radke M,Blaut M**

Multifactorial aspects of antimicrobial activity of propolis.

**Microbiological research , Volume: 161 Issue: 4 2006**

**Authors Scazzocchio F,D'Auria FD,Alessandrini D,Pantanella F**

The protective role of topical propolis on experimental keratitis via nitric oxide levels in rabbits.

**Molecular and cellular biochemistry , Volume: 281 Issue: 1-2 2006 Jan**

**Authors Duran N,Koc A,Oksuz H,Tamer C,Akaydin Y,Kozlu T,Celik M**

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

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

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

Propolis: anti-*Staphylococcus aureus* activity and synergism with antimicrobial drugs.

**Memorias do Instituto Oswaldo Cruz , Volume: 100 Issue: 5 2005 Aug**

**Authors Fernandes Júnior A,Balestrin EC,Betoni JE,Orsi Rdé O,da Cunha Mde L,Montelli AC**

Effect of propolis in the treatment of experimental *Staphylococcus aureus* keratitis in rabbits.

**Ophthalmic research , Volume: 37 Issue: 6 2005 Nov-Dec**

**Authors Oksuz H,Duran N,Tamer C,Cetin M,Silici S**

Antibacterial activity of propolis against *Staphylococcus aureus*.

**International journal of food microbiology , Volume: 102 Issue: 2 2005 Jul 15**

**Authors Lu LC,Chen YW,Chou CC**

Chemical compositions and antimicrobial activities of four different Anatolian propolis samples.

**Microbiological research , Volume: 160 Issue: 2 2005**

**Authors Uzel A,Sorkun K,Onçag O,Cogulu D,Gençay O,Salih B**

Chemical composition and antibacterial activity of propolis collected by three different races of honeybees in the same region.

**Journal of ethnopharmacology , Volume: 99 Issue: 1 2005 May 13**

**Authors Silici S,Kutluca S**

Mixture of honey, beeswax and olive oil inhibits growth of *Staphylococcus aureus* and *Candida albicans*.

**Archives of medical research , Volume: 36 Issue: 1 2005 Jan-Feb**

**Authors Al-Waili NS**

[Antimicrobial properties of bee preparations in ointment form].

**Mikrobiolohichnyi zhurnal (Kiev, Ukraine : 1993) , Volume: 66 Issue: 6 2004 Nov-Dec**

**Authors Postoienko VO,Senchuhova NA,Postoienko OM,Patyka VP**

Microbiological effects of consuming a synbiotic containing *Bifidobacterium bifidum*, *Bifidobacterium lactis*, and oligofructose in elderly persons, determined by real-time polymerase chain reaction and counting of viable bacteria.

**Clinical infectious diseases : an official publication of the Infectious Diseases Society of America , Volume: 40 Issue: 1 2005 Jan 1**

**Authors Bartosch S,Woodmansey EJ,Paterson JC,McMurdo ME,Macfarlane GT**

Antibacterial and resistance modifying activity of *Rosmarinus officinalis*.

**Phytochemistry , Volume: 65 Issue: 24 2004 Dec**

**Authors Oluwatuyi M,Kaatz GW,Gibbons S**

Growth inhibition of foodborne pathogens and food spoilage organisms by select raw honeys.

**International journal of food microbiology , Volume: 97 Issue: 1 2004 Dec 1**

*Authors Mundo MA,Padilla-Zakour OI,Worobo RW*

In vitro antimicrobial activity of essential oils from aromatic plants against selected foodborne pathogens.

**Journal of food protection , Volume: 67 Issue: 6 2004 Jun**

*Authors Rota C,Carramiñana JJ,Burillo J,Herrera A*

Antibacterial activity of honey and propolis from Apis mellifera and Tetragonisca angustula against Staphylococcus aureus.

**Journal of applied microbiology , Volume: 95 Issue: 5 2003**

*Authors Miorin PL,Levy Junior NC,Custodio AR,Bretz WA,Marcucci MC*

Enteral feeding of premature infants with Saccharomyces boulardii.

**Early human development , Volume: 74 Issue: 2 2003 Nov**

*Authors Costalos C,Skouteri V,Gounaris A,Sevastiadou S,Triandafilidou A,Ekonomidou C,Kontaxaki F,Petrochilou V*

Antibacterial activity of extracts from some edible plants commonly consumed in Asia.

**International journal of food microbiology , Volume: 80 Issue: 3 2003 Feb 15**

*Authors Alzoreky NS,Nakahara K*

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

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

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

Improvement of the probiotic effect of micro-organisms by their combination with maltodextrins, fructo-oligosaccharides and polyunsaturated fatty acids.

**The British journal of nutrition , Volume: 88 Suppl 1 2002 Sep**

*Authors Bomba A,Nemcová R,Gancarcíková S,Herich R,Guba P,Mudronová D*

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

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

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

Screening of the antibacterial effects of a variety of essential oils on respiratory tract pathogens, using a modified dilution assay method.

**Journal of infection and chemotherapy : official journal of the Japan Society of Chemotherapy , Volume: 7 Issue: 4 2001 Dec**

*Authors Inouye S,Yamaguchi H,Takizawa T*

Enrichment of bifidobacteria in the hen caeca by dietary inulin.

**Folia microbiologica , Volume: 46 Issue: 1 2001**

*Authors Rada V,Dusková D,Marounek M,Petr J*

Suppressive effects of bifidobacteria on lipid peroxidation in the colonic mucosa of iron-overloaded mice.

**Journal of dairy science , Volume: 84 Issue: 7 2001 Jul**

*Authors Ito M,Sawada H,Ohishi K,Yoshida Y,Yokoi W,Watanabe T,Yokokura T*

Egyptian propolis: 1-antimicrobial activity and chemical composition of Upper Egypt propolis.

**Zeitschrift fur Naturforschung. C, Journal of biosciences , Volume: 56 Issue: 1-2 2001 Jan-Feb**

*Authors Hegazi AG,El Hady FK*

Phenolic compounds from Brazilian propolis with pharmacological activities.

**Journal of ethnopharmacology , Volume: 74 Issue: 2 2001 Feb**

*Authors Marcucci MC,Ferreres F,García-Viguera C,Bankova VS,De Castro SL,Dantas AP,Valente PH,Paulino N*

Study on propolis quality from China and Uruguay.

**Zeitschrift fur Naturforschung. C, Journal of biosciences , Volume: 55 Issue: 9-10 2000 Sep-Oct**

*Authors Serra Bonvehí J,Ventura Coll F*

Seasonal effect on Brazilian propolis antibacterial activity.

**Journal of ethnopharmacology , Volume: 73 Issue: 1-2 2000 Nov**

*Authors Sforcin JM,Fernandes A Jr,Lopes CA,Bankova V,Funari SR*

Screening of some Palestinian medicinal plants for antibacterial activity.

**Journal of ethnopharmacology , Volume: 70 Issue: 3 2000 Jun**

*Authors Essawi T,Srour M*

Fermentation of plant cell wall derived polysaccharides and their corresponding oligosaccharides by intestinal bacteria.

**Journal of agricultural and food chemistry , Volume: 48 Issue: 5 2000 May**

*Authors Van Laere KM,Hartemink R,Bosveld M,Schols HA,Voragen AG*

Chemical composition and antimicrobial activity of European propolis.

**Zeitschrift fur Naturforschung. C, Journal of biosciences , Volume: 55 Issue: 1-2 2000 Jan-Feb**

*Authors Hegazi AG,Abd El Hady FK,Abd Allah FA*

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

Continuous culture selection of bifidobacteria and lactobacilli from human faecal samples using fructooligosaccharide as selective substrate.

**Journal of applied microbiology , Volume: 85 Issue: 4 1998 Oct**

Authors Sghir A,Chow JM,Mackie RI

Health benefits of non-digestible oligosaccharides.

**Advances in experimental medicine and biology , Volume: 427 1997**

Authors Roberfroid MB

Antimicrobial and antioxidant activities of unripe papaya.

**Life sciences , Volume: 53 Issue: 17 1993**

Authors Osato JA,Santiago LA,Remo GM,Cuadra MS,Mori A

Enrichment of bifidobacteria from human gut contents by oligofructose using continuous culture.

**FEMS microbiology letters , Volume: 118 Issue: 1-2 1994 May 1**

Authors Gibson GR,Wang X

Selective stimulation of bifidobacteria in the human colon by oligofructose and inulin.

**Gastroenterology , Volume: 108 Issue: 4 1995 Apr**

Authors Gibson GR,Beatty ER,Wang X,Cummings JH

[Effect of propolis on *Staphylococcus aureus* strains resistant to antibiotics].

**Antibiotiki , Volume: 26 Issue: 4 1981 Apr**

Authors Shub TA,Kagramanova KA,Voropaeva SD,Kivman Gla

Influence of different dietary regimens upon the composition of the human fecal flora.

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

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

Diet and faecal flora in the newborn: iron.

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

Authors Balmer SE,Wharton BA

[Selective effect of propolis in the isolation of *Listeria monocytogenes* (author's transl)].

**Nordisk veterinaermedicin , Volume: 29 Issue: 10 1977 Oct**

Authors Aspoy E

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

## Additional APriori Analysis Available

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

Abdominal Aortic Aneurysm

Acne

Addison's Disease (hypocortisolism)

ADHD

Age-Related Macular Degeneration and Glaucoma

Allergic Rhinitis (Hay Fever)

Allergies

Allergy to milk products

Alopecia (Hair Loss)

Alzheimer's disease

Amyotrophic lateral sclerosis (ALS) Motor Neuron

Ankylosing spondylitis

Anorexia Nervosa

Antiphospholipid syndrome (APS)

Asthma

Atherosclerosis  
Atrial fibrillation  
Autism  
Autoimmune Disease  
Barrett esophagus cancer  
benign prostatic hyperplasia  
Biofilm  
Bipolar Disorder  
Brain Trauma  
Breast Cancer  
Cancer (General)  
Carcinoma  
cdkl5 deficiency disorder  
Celiac Disease  
Cerebral Palsy  
Chronic Fatigue Syndrome  
Chronic Kidney Disease  
Chronic Lyme  
Chronic Obstructive Pulmonary Disease (COPD)  
Chronic Urticaria (Hives)  
Coagulation / Micro clot triggering bacteria  
Cognitive Function  
Colorectal Cancer  
Constipation  
Coronary artery disease  
COVID-19  
Crohn's Disease  
Cushing's Syndrome (hypercortisolism)  
cystic fibrosis  
d-Hactic 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**