

Microbiome Information for: Abdominal Aortic Aneurysm

For prescribing Medical professionals Review

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

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

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

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

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

In the USA

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

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

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Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of Abdominal Aortic Aneurysm

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
Lentisphaeria	class	Low	1313211
Victivallaceae	family	Low	255528
Anaerotruncus	genus	Low	244127
Aspergillus	genus	High	5052
Bilophila	genus	High	35832
Catenibacterium	genus	High	135858

Bacteria Name	Rank	Shift	Taxonomy ID
Oxalobacter	genus	High	846
Prevotella	genus	High	838
Victivallales	order	Low	278082
Acinetobacter baumannii	species	High	470
Acinetobacter Iwoffii	species	High	28090
Bacteroides thetaiotaomicron	species	High	818

Substance to Consider Adding or Taking

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

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

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

5,6-dihydro-9,10-dimethoxybenzo[g]-1,3-benzodioxolo[5,6-a]quinolizinium {Berberine} 1.5 gram/day

Abstinence from eating {Fasting}

Amylum {Starch}

arabinogalactan {arabinogalactan} 21.gram/day

Aronia arbutifolia,Aronia melanocarpa {Chokeberry}

Avena sativa {Oats}

bacillus

Brassica oleracea var. italica {Broccoli}

Cucurbita pepo {Pumpkin}

dietary fiber

Fiber, total dietary

Galacto-oligosaccharides {GOS}

Ganoderma sichuanense {Reishi Mushroom} 3.4 gram/day

Heridium erinaceus {Lion's Mane Mushroom}

Heyndrickxia coagulans {B. coagulans} 10 BCFU/day

High glycemic diet {High-sugar diet (HSD)}

High-amylose maize starch {HAMS}

Hordeum vulgare {Barley} 60 gram/day

Human milk oligosaccharides (prebiotic, Holigos, Stachyose) 2 gram/day

Humulus lupulus {Hops}

Humulus lupulus compound {Xanthohumol}

Hydrastis canadensis {Goldenseal}

ketogenic diet

Linum usitatissimum {Flaxseed} 30 mg/day

Litchi chinensis {lychee fruit}

long-term, moderate-intensity exercise {exercise}

Malus domestica {apple}

oligosaccharides {oligosaccharides}

Outer Layers of Triticum aestivum {Wheat Bran}

pectin {pectin}

Phaseolus vulgaris {Boston bean}

Pisum sativum {pea}

Poly[β-D-xylopyranose(1→4)] {Xylan}

proton-pump inhibitors (prescription) 60 mg/day

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

Pulses, Beans

raffinose {sugar beet}

red wine 250 ml/day

resistant starch

Slow digestible carbohydrates. {Low Glycemic}

steviol glycosides {Stevia} 800 mg/day

Sulforaphane {Dark Greens}

tea

Tobacco consumption {Smoking}

Traditional Mediterranean diet {Mediterranean diet}

wheat

β-lactoglobulin {Whey} 60 gram/day

Retail Probiotics

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

Next Generation

source naturals / duraflo
 thorne / bacillus coagulansvet 60 caps
 enviromedica terraflora sbo probiotic
 schiff / digestive advantage
 daiichi sankyo healthcare (jp) / panlacmin tablet
 Bromatech (IT) / Serobiome
 biospec / probiotio-5
 corebiotic
 Bulk Probiotics / Bacillus Coagulans Probiotic
 1 md / complete probiotics platinum
 Nutrition Essentials / Probiotic (900 BCFU)
 mwsb / candida yeast support
 microbiome labs/ megasporebiotic
 klair labs / biospora
 blackmore (au) / probiotics+ bowel support
 perfect pass / perfect pass probiotic bacillus spore
 global health trax / threelac
 Law of Nature / Best Days Formula
 bio-botanical research / proflora4r restorative probiotic
 Eden's / 3-in-1 Synbiotic Superblend
 nature's instincts / ultra spore probiotic
 nature's way (au) / restore probiotic 100 billion
 Swiss BioEnergetics / Full Spectrum Probiotic Defence
 probiotic pur (de) / realdose nutrition
 theramedix / probiotic
 Biomed / Bacillus Coagulans
 vitamin angels / just thrive
 Sun Wave Pharma/Bio Sun Instant
 nature's way (au) / adult vita gummies daily probiotic 80s
 LiveWell Nutrition / Pro-45
 organic 3 / primal soil
 Global Healing Center / FloraTrex
 Realdose
 Maple Life Science™ / Streptococcus faecalis butyricum mesentericus sporogenes
 BIO-BOTANICAL RESEARCH / Megacidin
 reserveage nutrition / beautiflora
 Bromatech (IT) / Lautoselle
 Jetson / FIT
 vita miracle / ultra-30 probiotics

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.

amikacin	minocycline [CFS]
amoxicillin [CFS]	norfloxacin
ceftazidime	Ocimum basilicum {Basil}
chloramphenicol	ofloxacin
Cichorium intybus {Chicory}	Pimpinella anisum {Anise}
Cinnamomum zeylanicum {Ceylon Cinnamon}	piperacillin-tazobactam
ciprofloxacin [CFS]	Propolis {Bee glue}
colistin sulfate (antibiotic)	resveratrol-pterostilbene {grapes, blueberries}
D-glucose {Glucose}	rosmarinus officinalis {rosemary}
Diferuloylmethane {Curcumin}	soy
Ethanoic acid {Vinegar}	tetracycline
fluoroquinolone	Thymus vulgaris {thyme}
gentamicin	tigecycline
imipenem	trimethoprim
itraconazole,(prescription)	vancomycin (antibiotic)[CFS]
meropenem	voriconazole,(prescription)
metronidazole [CFS]	Zingiber officinale Roscoe {ginger}

Sample of Literature Used

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

Exploring the Impact of Gut Microbiota on Abdominal Aortic Aneurysm Risk through a Bidirectional Mendelian Randomization Analysis.

Journal of vascular surgery , 2023 Nov 30

Authors Zhou X,Ruan W,Wang T,Liu H,Du L,Huang J

Dual pathogen valvular endocarditis in a case of severe aortic aneurysm.

Autopsy & case reports , Volume: 12 2022

Authors Yadav M,Tewari R,Chatterjee T

Mycotic abdominal aortic aneurysm caused by bacteroides thetaiotaomicron and acinetobacter lwoffii: the first case in Korea.

Infection & chemotherapy , Volume: 46 Issue: 1 2014 Mar

Authors Kim MG,Jeon JW,Ryu IH,Lee JJ,Kim JS,Choi JW,Cho BS,Yoon HJ

Effects of dietary supplementation with Bacillus coagulans on growth and immune performance, rumen microorganisms, and metabolites of yaks.

BMC microbiology , Volume: 25 Issue: 1 2025 Dec 8

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

Larch Arabinogalactan Alleviates Colitis by Modulating Gut Microbiota and Promoting Bacteroides thetaiotaomicron.

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

Authors Zhang S,Sun Y,Bian X,Liu F,Nie S

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

Frontiers in veterinary science , Volume: 12 2025

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

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

Frontiers in systems biology , Volume: 5 2025

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

ENOblock synergizes with colistin to treat Acinetobacter baumannii infections.

EMBO molecular medicine , 2025 Oct 31

Authors Molina Panadero I,Moreno Rodríguez A,Rey Hidalgo A,de la Cruz M,Sánchez P,Tomás Gallardo L,Samernate T,Sencanski M,Glisic S,Genilloud O,Nonjeuie P,Pérez-Pulido AJ,Hmadcha A,Smani Y

Colistin monotherapy versus colistin combination therapy in the treatment of patients with multidrug-resistant (MDR) and extensively drug-resistant (XDR) Acinetobacter baumannii infections: a meta-analysis.

The Journal of hospital infection , 2025 Oct 29

Authors Falagas ME,Kontogiannis DS,Sargianou M,Bousi SE,Ntourakis D

Evaluation of the combined efficacy of inhibitors of heat shock protein 90 and calcineurin with commonly used antifungals against Aspergillus, Rhizopus, and Fusarium isolates.

Current medical mycology , Volume: 11 2025

Authors Kiraz N,Sen Kaya S,Baris A,Turan D,Öz Y,Dag I

Rosemary Essential Oil Microemulsion for Fungal Keratitis Treatment.

Chemistry & biodiversity , 2025 Oct 15

Authors Ribeiro S,Moraes MC,Scoaris DO,Madeira JEGC,Fialho SL,Moreira CPS

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

Critical reviews in food science and nutrition , 2025 Oct 5

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

Multi-omics integration reveals the impact of mediterranean diet on hepatic metabolism and gut microbiota in mice with metabolic dysfunction-associated steatotic liver disease.

Frontiers in nutrition , Volume: 12 2025

Authors Wang Z,Chen G,Sun X,Xiao J,Kong L,Jiang S,Xu T,Wang M,Zhao H

Rosemary Extract: Phytochemical Composition and Potential for Eliminating Polymicrobial Biofilm of Candida albicans and Multidrug-Resistant Bacteria.

Biotech (Basel (Switzerland)) , Volume: 14 Issue: 3 2025 Aug 13

Authors Cintra TMF,Menezes RT,de Carvalho LS,de Miguel Nazario L,Hantao LW,Marcucci MC,Oliveira LD,Meccatti-Domiciano VM

Dietary supplementation with soluble corn fiber improved fecal score, microbiota, and SCFAs in dogs.

Frontiers in veterinary science , Volume: 12 2025

Authors Liang D,Zhao S,Yin G

Synergistic mechanism of Phyllanthus emblica extract and tetracycline against multidrug-resistant Acinetobacter baumannii.

Narra J , Volume: 5 Issue: 1 2025 Apr

Authors Nasution HM,Yulyana A,Utama RF,Bangar RI,Kaban VE,Daulay W,Astyka R,Lubis MF

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

Frontiers in microbiology , Volume: 16 2025

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

The Effects of Tea Polyphenols in Feed on the Immunity, Antioxidant Capacity, and Gut Microbiota of Weaned Goat Kids.

Animals : an open access journal from MDPI , Volume: 15 Issue: 4 2025 Feb 7

Authors Xiao Y,Chen L,Xu Y,He X,Gan S,Yin F

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

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

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

The efficacy and underlying mechanisms of berberine in the treatment of recurrent Clostridioides difficile infection.

International journal of antimicrobial agents , Volume: 65 Issue: 5 2025 Feb 20

Authors Wang L,Xu T,Wu S,Zhao C,Huang H

Bamboo vinegar powder: Unveiling its antioxidant and antifungal efficacy through bioactive compound analysis and mechanistic insights.

Food chemistry , Volume: 470 2025 Apr 1

Authors Chen YP,Chen C,Wu H,He Q,Wu J,Yao JY,Chen F

Activity of cefiderocol in combination with tetracycline analogues against carbapenem-resistant Acinetobacter baumannii.

The Journal of antibiotics , Volume: 78 Issue: 3 2025 Feb

Authors Yin Y,Xu N,Wang X

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

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

Authors Obeidat M,Haddad MA,Ghnamat SA

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

Nutrients , Volume: 16 Issue: 23 2024 Dec 9

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

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

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

Authors Bush JR,Alfa MJ

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

Biology , Volume: 13 Issue: 11 2024 Nov 4

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

Effects of black chokeberry (Aronia melanocarpa) supplementation on oxidative stress, inflammation and gut microbiota: a systematic review of human and animal studies.

The British journal of nutrition , Volume: 133 Issue: 1 2025 Jan 14

Authors Kaczmarczyk S,Dziewiecka H,Pasek M,Ostapiuk-Karolczuk J,Kasperska A,Skarpanska-Stejnborn A

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

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

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

Phage-derived polysaccharide depolymerase potentiates ceftazidime efficacy against Acinetobacter baumannii pneumonia via low-serum-dependent mechanisms.

International journal of biological macromolecules , Volume: 282 Issue: Pt 6 2024 Nov 9

Authors Wang H,Zeng P,Zhang P,Zuo Z,Liu Y,Xia J,Lam JKW,Chan HK,Leung SSY

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

Frontiers in nutrition , Volume: 11 2024

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

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

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

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

Effect of colistin combined with sulbactam: 9 g versus 12 g per day on mortality in the treatment of carbapenems resistant *Acinetobacter baumannii* pneumonia: A randomized controlled trial.

International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases , Volume: 149 2024 Oct 16

Authors Ungthammakhun C,Vasikasin V,Simsiriporn W,Juntanawiwat P,Changpradub D

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

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

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

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

Frontiers in microbiology , Volume: 15 2024

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

Berberine alleviates ETEC-induced intestinal inflammation and oxidative stress damage by optimizing intestinal microbial composition in a weaned piglet model.

Frontiers in immunology , Volume: 15 2024

Authors Wang Y,Zhang Z,Du M,ji X,Liu X,Zhao C,Pang X,Jin E,Wen A,Li S,Zhang F

Determinants of raffinose family oligosaccharide use in *Bacteroides* species.

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

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

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

Experimental dermatology , Volume: 33 Issue: 9 2024 Sep

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

Gut microbiome related to metabolic diseases after moderate-to-vigorous intensity exercise.

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

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

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

Food & function , 2024 Jul 24

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

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

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

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

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

Nature reviews. Microbiology , 2024 Jul 15

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

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

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

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

Barley polysaccharides inhibit colorectal cancer by two relatively independent pathways.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Regulatory effect of Ganoderma lucidum and its active components on gut flora in diseases.

Frontiers in microbiology , Volume: 15 2024

Authors Qin X,Fang Z,Zhang J,Zhao W,Zheng N,Wang X

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

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

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

Antimicrobial efficacy of eravacycline against emerging extensively drug-resistant (XDR) Acinetobacter baumannii isolates.

Indian journal of medical microbiology , Volume: 48 2024 Mar-Apr

Authors Gautam H,Raza S,Biswas J,Mohapatra S,Sood S,Dhawan B,Kapil A,Das BK

Synthesis, Stereochemical Resolution, and Analogue Synthesis of Variabiline, an Aporphine Alkaloid That Sensitizes Acinetobacter baumannii and Klebsiella pneumoniae to Colistin.

ACS infectious diseases , Volume: 10 Issue: 4 2024 Apr 12

Authors Li H,Nemeth AM,Melander RJ,Melander C

Sub-inhibitory concentrations of colistin and imipenem impact the expression of biofilm-associated genes in Acinetobacter baumannii.

Archives of microbiology , Volume: 206 Issue: 4 2024 Mar 15

Authors Bhavya JN,Anugna SS,Premanath R

Antibacterial Potential of Biosynthesized Silver Nanoparticles Using Berberine Extract Against Multidrug-resistant Acinetobacter baumannii and Pseudomonas aeruginosa.

Indian journal of microbiology , Volume: 64 Issue: 1 2024 Mar

Authors Tahan M,Zeraatkar S,Neshani A,Marouzi P,Behmadi M,Alavi SJ,Hashemi Shahri SH,Hosseini Bafghi M

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

Inhibitory Effects of Endemic Thyme's Thymol-Carvacrol Chemotype Essential Oil on Aspergillus Species with Free Radical Scavenging Properties.

Chemistry & biodiversity , Volume: 21 Issue: 5 2024 May

Authors Mirahmadi SF,Shayganfar A

In vitro human gut microbiota fermentation of litchi pulp polysaccharides as affected by Lactobacillus pre-treatment.

Food chemistry , Volume: 445 2024 Jul 1

Authors Xia C,Zhang R,Jia X,Dong L,Ma Q,Zhao D,Kun Lee Y,Sun Z,Huang F,Zhang M

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

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

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

Ciprofloxacin- and levofloxacin-loaded nanoparticles efficiently suppressed fluoroquinolone resistance and biofilm formation in Acinetobacter baumannii.

Scientific reports , Volume: 14 Issue: 1 2024 Feb 7

Authors Aboelenin AM,El-Mowafy M,Saleh NM,Shaaban MI,Barwa R

In vitro activity of cefiderocol and comparator antibiotics against multidrug-resistant non-fermenting Gram-negative bacilli.

JAC-antimicrobial resistance , Volume: 6 Issue: 1 2024 Feb

Authors Huang YS,Chuang YC,Chen PY,Chou PC,Wang JT

In vitro interactions of proton pump inhibitors and azoles against pathogenic fungi.

Frontiers in cellular and infection microbiology , Volume: 14 2024

Authors Gao L,Xia X,Gong X,Zhang H,Sun Y

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

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

Pharmacoeconomic evaluation of isavuconazole, posaconazole, and voriconazole for the treatment of invasive mold diseases in hematological patients: initial therapy prior to pathogen differential diagnosis in China.**Frontiers in public health , Volume: 11 2023**

Authors Han G,Xu Q,Lv Q,Li X,Shi X

Relationships between diet and gut microbiome in an Italian and Dutch cohort: does the dietary protein to fiber ratio play a role?**European journal of nutrition , Volume: 63 Issue: 3 2024 Apr**

Authors Tagliamonte S,Puhlmann ML,De Filippis F,Guerville M,Ercolini D,Vitaglione P

Oat-based postbiotics ameliorate high-sucrose induced liver injury and colitis susceptibility by modulating fatty acids metabolism and gut microbiota.**The Journal of nutritional biochemistry , Volume: 125 2024 Mar**

Authors Song W,Wen R,Liu T,Zhou L,Wang G,Dai X,Shi L

Proton Pump Inhibitors Modulate Gene Expression Profile in Esophageal Mucosa and Microbiome.**The journal of pediatric pharmacology and therapeutics : JPPT : the official journal of PPAG , Volume: 28 Issue: 6 2023**

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

Retracted: Polymyxin B, Cefoperazone Sodium-Sulbactam Sodium, and Tigecycline against Multidrug-Resistant *Acinetobacter baumannii* Pneumonia.**Evidence-based complementary and alternative medicine : eCAM , Volume: 2023 2023**

Authors And Alternative Medicine EC

Insoluble/soluble fraction ratio determines effects of dietary fiber on gut microbiota and serum metabolites in healthy mice.**Food & function , Volume: 15 Issue: 1 2024 Jan 2**

Authors Zhang Y,Hu J,Zhong Y,Liu S,Liu L,Mu X,Chen C,Yang S,Li G,Zhang D,Huang X,Yang J,Huang X,Bian S,Nie S

In vitro and in vivo antimicrobial effects of domiphen combined with itraconazole against *Aspergillus fumigatus*.**Frontiers in microbiology , Volume: 14 2023**

Authors Yang H,Gu Y,He Z,Wu JN,Wu C,Xie Y,You Y,Yang Y,Zhou X,Liu Y,Du W

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

Does the ketogenic diet improve neurological disorders by influencing gut microbiota? A systematic review.**Nutrition journal , Volume: 22 Issue: 1 2023 Nov 20**

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

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 Neuropenotypes of Autism Spectrum Disorders: A Case Study.**Nutrients , Volume: 15 Issue: 21 2023 Oct 27**

Authors El-Ansary A,Al-Ayadhi L

The Effects of Black Tea Consumption on Intestinal Microflora-A Randomized Single-Blind Parallel-Group, Placebo-Controlled Study.**Journal of nutritional science and vitaminology , Volume: 69 Issue: 5 2023**

Authors Tomioka R,Tanaka Y,Suzuki M,Ebihara S

Effect of a Co-Feed Liquid Whey-Integrated Diet on Crossbred Pigs` Fecal Microbiota.**Animals : an open access journal from MDPI , Volume: 13 Issue: 11 2023 May 25**

Authors Suter AM,Arfuso F,Tardiolo G,Riggio V,Fazio F,Aiese Cigliano R,Paytuv A,Piccione G,Zumbo A

Effect of grape pomace supplement on growth performance, gastrointestinal microbiota, and methane production in Tan lambs.**Frontiers in microbiology , Volume: 14 2023**

Authors Cheng X,Du X,Liang Y,Degen AA,Wu X,ji K,Gao Q,Xin G,Cong H,Yang G

The effects of *Ascophyllum nodosum*, *Camellia sinensis*-leaf extract, and their joint interventions on glycolipid and energy metabolism in obese mice.

Frontiers in nutrition , Volume: 10 2023

Authors Xu Y,Jia X,Zhang W,Xie Q,Zhu M,Zhao Z,Hao J,Li H,Du J,Liu Y,Feng H,He J,Li H

Unveiling the bioactive potential of Pimpinella anisum L. leaf extracts: Chromatographic profiling, antimicrobial efficiency, and cytotoxicity analysis.

Biomedical chromatography : BMC , Volume: 37 Issue: 12 2023 Dec

Authors Dawoud T,Ameen F

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

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

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

Analysis of tigecycline in the cerebrospinal fluid and serum of patients with Acinetobacter baumannii central nervous system infection.

Bioanalysis , Volume: 15 Issue: 18 2023 Sep

Authors Guo S,Li X,Duan R,Tian S,Hai X

Comparison of the Micronaut-AM System and the EUCAST Broth Microdilution Reference Method for MIC Determination of Four Antifungals against Aspergillus fumigatus.

Journal of fungi (Basel, Switzerland) , Volume: 9 Issue: 7 2023 Jun 30

Authors Gyurtane Szabo N,Joste V,Houzé S,Dannaoui E,Bonnal C

Short-Term Dietary Intervention with Whole Oats Protects from Antibiotic-Induced Dysbiosis.

Microbiology spectrum , Volume: 11 Issue: 4 2023 Aug 17

Authors Costa SK,Antosca K,Beekman CN,Peterson RL,Penumutthu S,Belenky P

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

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

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

Bacillus coagulans MZY531 alleviates intestinal mucosal injury in immunosuppressive mice via modulating intestinal barrier, inflammatory response, and gut microbiota.

Scientific reports , Volume: 13 Issue: 1 2023 Jul 10

Authors Zhao Z,Sun M,Cui X,Chen J,Liu C,Zhang X

Effects of whole-grain cereals on fecal microbiota and short-chain fatty acids in dogs: a comparison of rye, oats and wheat.

Scientific reports , Volume: 13 Issue: 1 2023 Jul 5

Authors Palmqvist H,Höglund K,Ringmark S,Lundh T,Dicksved J

Phyto-Inhibitory and Antimicrobial Activity of Brown Propolis from Romania.

Antibiotics (Basel, Switzerland) , Volume: 12 Issue: 6 2023 Jun 5

Authors Vica ML,Glevitzky M,Heghedus-Mîndru RC,Dumitrel GA,Heghedus-Mîndru G,Popa M,Faur DM,Bălăci ?,Teodoru CA

Dietary Prebiotic Oligosaccharides and Arachidonate Alter the Fecal Microbiota and Mucosal Lipid Composition of Suckling Pigs.

The Journal of nutrition , 2023 Jun 20

Authors Eudy BJ,Odle J,Lin X,Maltecca C,Walter KR,McNulty NP,Fellner V,Jacobi SK

Probiotic modulation of gut microbiota by Bacillus coagulans MTCC 5856 in healthy subjects: A randomized, double-blind, placebo-control study.

Medicine , Volume: 102 Issue: 20 2023 May 19

Authors Majeed M,Nagabhushanam K,Mundkur L,Paulose S,Divakar H,Rao S,Arumugam S

Targeted modification of gut microbiota and related metabolites via dietary fiber.

Carbohydrate polymers , Volume: 316 2023 Sep 15

Authors Nie Q,Sun Y,Li M,Zuo S,Chen C,Lin Q,Nie S

Characteristic Gut Bacteria in High Barley Consuming Japanese Individuals without Hypertension.

Microorganisms , Volume: 11 Issue: 5 2023 May 9

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

Chemical Constituents, Antioxidant Potential, and Antimicrobial Efficacy of Pimpinella anisum Extracts against Multidrug-Resistant Bacteria.

Microorganisms , Volume: 11 Issue: 4 2023 Apr 14

Authors AlBalawi AN,Elmetwalli A,Baraka DM,Alnağar HA,Alamri ES,Hassan MG

Intermittent fasting modulates the intestinal microbiota and improves obesity and host energy metabolism.

NPJ biofilms and microbiomes , Volume: 9 Issue: 1 2023 Apr 7

Authors Hu X,Xia K,Dai M,Han X,Yuan P,Liu J,Liu S,Jia F,Chen J,Jiang F,Yu J,Yang H,Wang J,Xu X,Jin X,Kristiansen K,Xiao L,Chen W,Han M,Duan S

Effects of Mexican Ganoderma lucidum extracts on liver, kidney, and the gut microbiota of Wistar rats: A repeated dose oral toxicity study.

PloS one , Volume: 18 Issue: 4 2023

Authors Meneses ME,Martínez-Carrera D,González-Ibáñez L,Torres N,Sánchez-Tapia M,Márquez-Mota CC,Rendón G,Mitzi V,Morales A,Tello-Salgado I,Tovar AR

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

Amelioration of cognitive impairment using epigallocatechin-3-gallate in ovariectomized mice fed a high-fat diet involves remodeling with Prevotella and Bifidobacteriales.

Frontiers in pharmacology , Volume: 13 2022

Authors Qu Y,Wu Y,Cheng W,Wang D,Zeng L,Wang Y,Li T,Zhang L,Yang J,Sun L,Ai J

Camellia oil (Camellia oleifera Abel.) treatment improves high-fat diet-induced atherosclerosis in apolipoprotein E (ApoE)(-/-) mice.

Bioscience of microbiota, food and health , Volume: 42 Issue: 1 2023

Authors Huang T,Jiang J,Cao Y,Huang J,Zhang F,Cui G

Characterization of the Cafeteria Diet as Simulation of the Human Western Diet and Its Impact on the Lipidomic Profile and Gut Microbiota in Obese Rats.

Nutrients , Volume: 15 Issue: 1 2022 Dec 24

Authors de la Garza AL,Martínez-Tamez AM,Mellado-Negrete A,Arjonilla-Becerra S,Peña-Vázquez GI,Marín-Obispo LM,Hernández-Brenes C

Effects of oat (Avena sativa L.) hay diet supplementation on the intestinal microbiome and metabolome of Small-tail Han sheep.

Frontiers in microbiology , Volume: 13 2022

Authors Su S,Wang L,Fu S,Zhao J,He X,Chen Q,Belobrajdic DP,Yu C,Liu H,Wu H,Han P,Yang B,Huang Y,Liu Y,He J

Effects of Polyphenols and Glucosinolates in Broccoli Extract on Human Gut Microorganisms Based on Simulation In Vitro.

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

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

Reduction of Redox Potential Exerts a Key Role in Modulating Gut Microbial Taxa and Function by Dietary Supplementation of Pectin in a Pig Model.

Microbiology spectrum , Volume: 11 Issue: 1 2023 Feb 14

Authors Xu R,Li Q,Wang H,Su Y,Zhu W

Cedrol from ginger alleviates rheumatoid arthritis through dynamic regulation of intestinal microenvironment.

Food & function , Volume: 13 Issue: 22 2022 Nov 14

Authors Zhang Y,Liu Y,Peng F,Wei X,Hao H,Li W,Zhao Y

Influence of Flax Seeds on the Gut Microbiota of Elderly Patients with Constipation.

Journal of multidisciplinary healthcare , Volume: 15 2022

Authors Ma J,Sun J,Bai H,Ma H,Wang K,Wang J,Yu X,Pan Y,Yao J

The effects of Aronia berry (poly)phenol supplementation on arterial function and the gut microbiome in middle aged men and women: Results from a randomized controlled trial.

Clinical nutrition (Edinburgh, Scotland) , Volume: 41 Issue: 11 2022 Nov

Authors Le Sayec M,Xu Y,Laiola M,Gallego FA,Katsikioti D,Durbidge C,Kivisild U,Armes S,Lecomte M,Fança-Berthon P,Fromentin E,Plaza Oñate F,Cruickshank JK,Rodríguez-Mateos A

A red wine intervention does not modify plasma trimethylamine N-oxide but is associated with broad shifts in the plasma metabolome and gut microbiota composition.

The American journal of clinical nutrition , Volume: 116 Issue: 6 2022 Dec 19

Authors Haas EA,Saad MJA,Santos A,Vitolo N,Lemos WJF,Martins AMA,Picossi CRC,Favarato D,Gaspar RS,Magro DO,Libby P,Laurindo FRM,Da Luz PL,WineFlora Study

Resveratrol modulates the gut microbiota of cholestasis in pregnant rats.

Journal of physiology and pharmacology : an official journal of the Polish Physiological Society , Volume: 73 Issue: 2 2022 Apr

Authors Li Z,Lei L,Ling L,Liu Y,Xiong Z,Shao Y

Effect of dietary resveratrol supplementation on growth performance, antioxidant capacity, intestinal immunity and gut

microbiota in yellow-feathered broilers challenged with lipopolysaccharide.

Frontiers in microbiology , Volume: 13 2022

Authors He Z,Li Y,Xiong T,Nie X,Zhang H,Zhu C

Metformin reverse minocycline to inhibit minocycline-resistant Acinetobacter baumannii by destroy the outer membrane and enhance membrane potential in vitro.

BMC microbiology , Volume: 22 Issue: 1 2022 Sep 12

Authors Guo T,Sun X,Yang J,Yang L,Li M,Wang Y,Jiao H,Li G

In vitro and in vivo efficacy of poly(lactic acid) nanofiber packaging containing essential oils from Ocimum basilicum L. and Ocimum gratissimum L. against Aspergillus carbonarius and Aspergillus niger in table grapes.

Food chemistry , Volume: 400 2023 Jan 30

Authors Magalhães Brandão R,Roberto Batista L,Elvis de Oliveira J,Bispo Barbosa R,Lee Nelson D,Graças Cardoso M

The Pharmacokinetics/Pharmacodynamics and Neurotoxicity of Tigecycline Intraventricular Injection for the Treatment of Extensively Drug-Resistant Acinetobacter baumannii Intracranial Infection.

Infection and drug resistance , Volume: 15 2022

Authors Huang Q,Zhang X,Jia A,Huang Q,Jiang Y,Xie L

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

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

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

Tartary Buckwheat Flavonoids Improve Colon Lesions and Modulate Gut Microbiota Composition in Diabetic Mice.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2022 2022

Authors Cheng W,Cai C,Kreft I,Turnšek TL,Zu M,Hu Y,Zhou M,Liao Z

Modulation of the gut microbiota and lipidomic profiles by black chokeberry (Aronia melanocarpa L.) polyphenols via the glycerophospholipid metabolism signaling pathway.

Frontiers in nutrition , Volume: 9 2022

Authors Zhu Y,Wei YL,Karras I,Cai PJ,Xiao YH,Jia CL,Qian XL,Zhu SY,Zheng LJ,Hu X,Sun AD

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

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

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

In Vitro Interactions of Antifungal Agents and Everolimus Against Aspergillus Species.

Frontiers in cellular and infection microbiology , Volume: 12 2022

Authors Jiang H,Xiong J,Tan L,Jin P,Sun Y,Yang L,Tan J

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

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

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

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

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

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

Tigecycline Suppresses the Virulence Factors of Multidrug-Resistant Acinetobacter baumannii Allowing Human Neutrophils to Act.

Infection and drug resistance , Volume: 15 2022

Authors Sato Y,Hatayama N,Ubagai T,Tansho-Nagakawa S,Ono Y,Yoshino Y

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

Effect of dietary Bacillus coagulans on the performance and intestinal microbiota of weaned piglets.

Animal : an international journal of animal bioscience , Volume: 16 Issue: 7 2022 Jul

Authors Sun T,Miao H,Zhang C,Wang Y,Liu S,Jiao P,Li W,Li Y,Huang Z

Dietary Aronia melanocarpa Pomace Supplementation Enhances the Expression of ZO-1 and Occludin and Promotes Intestinal Development in Pigs.

Frontiers in veterinary science , Volume: 9 2022

Authors Ren Z,Fang H,Zhang J,Wang R,Xiao W,Zheng K,Yu H,Zhao Y

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

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

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

Improved absorption of itraconazole tablet by co-administration with lemon beverages in a lung transplant recipient: A case

report.

Journal of infection and chemotherapy : official journal of the Japan Society of Chemotherapy , Volume: 28 Issue: 8 2022 Aug

Authors Umemura K,Katada Y,Nakagawa S,Sugimoto M,Matsumura K,Yonezawa A,Nagao M,Ohsumi A,Date H,Terada T

Bacillus amyloliquefaciens SC06 alleviates the obesity of ob/ob mice and improves their intestinal microbiota and bile acid metabolism.

Food & function , Volume: 13 Issue: 9 2022 May 10

Authors Zeng Z,Zhou Y,Xu Y,Wang S,Wang B,Zeng Z,Wang Q,Ye X,Jin L,Yue M,Tang L,Zou P,Zhao P,Li W

Digestive Characteristics of Hericium erinaceus Polysaccharides and Their Positive Effects on Fecal Microbiota of Male and Female Volunteers During in vitro Fermentation.

Frontiers in nutrition , Volume: 9 2022

Authors Tian B,Geng Y,Xu T,Zou X,Mao R,Pi X,Wu W,Huang L,Yang K,Zeng X,Sun P

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

Biology , Volume: 11 Issue: 3 2022 Mar 21

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

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

Nutrients , Volume: 14 Issue: 5 2022 Feb 22

Authors Liu J,Hefni ME,Witthöft CM,Bergström M,Burleigh S,Nyman M,Hållénus F

Effect of Dietary Bacillus licheniformis Supplementation on Growth Performance and Microbiota Diversity of Pekin Ducks.

Frontiers in veterinary science , Volume: 9 2022

Authors Li L,Lv X,Han X,Sun C,An K,Gao W,Xia Z

Preliminary Report on Intestinal Flora Disorder, Faecal Short-Chain Fatty Acid Level Decline and Intestinal Mucosal Tissue Weakening Caused by Litchi Extract to Induce Systemic Inflammation in HFA Mice.

Nutrients , Volume: 14 Issue: 4 2022 Feb 12

Authors Sun D,Wang C,Sun L,Hu L,Fang Z,Deng Q,Zhao J,Gooneratne R

Natural Dietary Compound Xanthohumol Regulates the Gut Microbiota and Its Metabolic Profile in a Mouse Model of Alzheimer`s Disease.

Molecules (Basel, Switzerland) , Volume: 27 Issue: 4 2022 Feb 14

Authors Liu W,He K,Wu D,Zhou L,Li G,Lin Z,Yang X,Liu J,Pui Man Hoi M

Cigarette Smoking and Human Gut Microbiota in Healthy Adults: A Systematic Review.

Biomedicines , Volume: 10 Issue: 2 2022 Feb 21

Authors Antinozzi M,Giffi M,Sini N,Gallè F,Valeriani F,De Vito C,Liguori G,Romano Spica V,Cattaruzza MS

Nine weeks of high-intensity indoor cycling training induced changes in the microbiota composition in non-athlete healthy male college students.

Journal of the International Society of Sports Nutrition , Volume: 18 Issue: 1 2021 Dec 18

Authors Donati Zeppa S,Amatori S,Sisti D,Gervasi M,Agostini D,Piccoli G,Pazienza V,Gobbi P,Rocchi MBL,Sestili P,Stocchi V

Active Smoking Induces Aberrations in Digestive Tract Microbiota of Rats.

Frontiers in cellular and infection microbiology , Volume: 11 2021

Authors Wang X,Ye P,Fang L,Ge S,Huang F,Polverini PJ,Heng W,Zheng L,Hu Q,Yan F,Wang W

Unravelling the collateral damage of antibiotics on gut bacteria.

Nature , Volume: 599 Issue: 7883 2021 Nov

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

The effects of fermented rye products on gut microbiota and their association with metabolic factors in Chinese adults - an explorative study.

Food & function , Volume: 12 Issue: 19 2021 Oct 4

Authors Liu Y,Xue K,Iversen KN,Qu Z,Dong C,Jin T,Hallmans G,Åman P,Johansson A,He G,Landberg R

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

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

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

Home-based exercise training influences gut bacterial levels in multiple sclerosis.

Complementary therapies in clinical practice , Volume: 45 2021 Jul 30

Authors Mokhtarzade M,Molanouri Shamsi M,Abolhasani M,Bakhshi B,Sahraian MA,Quinn LS,Negaresh R

An exercise intervention alters stool microbiota and metabolites among older, sedentary adults.

Therapeutic advances in infectious disease , Volume: 8 2021 Jan-Dec

Authors Erlandson KM,Liu J,Johnson R,Dillon S,Jankowski CM,Kroehl M,Robertson CE,Frank DN,Tuncil Y,Higgins J,Hamaker

B,Wilson CC

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

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

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

[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

[Antimicrobial synergism and antibiofilm activities of Pelargonium graveolens, Rosemary officinalis, and Mentha piperita essential oils against extreme drug-resistant Acinetobacter baumannii clinical isolates.](#)

Zeitschrift fur Naturforschung. C, Journal of biosciences , Volume: 77 Issue: 3-4 2022 Mar 28

Authors Kafa AHT,Aslan R,Celik C,Hasbek M

[Resveratrol and its derivative pterostilbene ameliorate intestine injury in intrauterine growth-retarded weanling piglets by modulating redox status and gut microbiota.](#)

Journal of animal science and biotechnology , Volume: 12 Issue: 1 2021 Jun 10

Authors Chen Y,Zhang H,Chen Y,Jia P,Ji S,Zhang Y,Wang T

[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

[Tobacco Smoking and the Fecal Microbiome in a Large, Multi-ethnic Cohort.](#)

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

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

[A multi-omics approach for understanding the effects of moderate wine consumption on human intestinal health.](#)

Food & function , Volume: 12 Issue: 9 2021 May 11

Authors Belda I,Cueva C,Tamargo A,Ravarani CN,Acedo A,Bartolomé B,Moreno-Arribas MV

[Polysaccharides of Sporoderm-Broken Spore of Ganoderma lucidum Modulate Adaptive Immune Function via Gut Microbiota Regulation.](#)

Evidence-based complementary and alternative medicine : eCAM , Volume: 2021 2021

Authors Su L,Li D,Su J,Zhang E,Chen S,Zheng C,Luo T,Li M,Chen X,Huang G,Xie Y,Li S

[Inhibition of Fungal Strains Isolated from Cereal Grains via Vapor Phase of Essential Oils.](#)

Molecules (Basel, Switzerland) , Volume: 26 Issue: 5 2021 Mar 1

Authors Strelková T,Nemes B,Kovács A,Novotný D,Božik M,Kloucek P

[Ancient grains as novel dietary carbohydrate sources in canine diets.](#)

Journal of animal science , Volume: 99 Issue: 6 2021 Jun 1

Authors Traughber ZT,He F,Hoke JM,Davenport GM,Rodríguez-Zas SL,Southey BR,de Godoy MRC

[Navy Bean Supplementation in Established High-Fat Diet-Induced Obesity Attenuates the Severity of the Obese Inflammatory Phenotype.](#)

Nutrients , Volume: 13 Issue: 3 2021 Feb 26

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

[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

[Kale Attenuates Inflammation and Modulates Gut Microbial Composition and Function in C57BL/6J Mice with Diet-Induced Obesity.](#)

Microorganisms , Volume: 9 Issue: 2 2021 Jan 24

Authors Shahinozzaman M,Raychaudhuri S,Fan S,Obanda DN

[The Effect of Xylooligosaccharide, Xylan, and Whole Wheat Bran on the Human Gut Bacteria.](#)

Frontiers in microbiology , Volume: 11 2020

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

[Selective Utilization of the Human Milk Oligosaccharides 2'-Fucosyllactose, 3-Fucosyllactose, and Difucosyllactose by Various Probiotic and Pathogenic Bacteria.](#)

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

Authors Salli K,Hirvonen J,Siitonen J,Ahonen I,Angenius H,Maukonen J

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

Nutrients , Volume: 12 Issue: 12 2020 Dec 17

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

[Microbial Metabolism of Theaflavin-3,3'-digallate and Its Gut Microbiota Composition Modulatory Effects.](#)

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

Authors Liu Z,de Bruijn WJC,Bruins ME,Vincken JP

[Impact of Mediterranean Diet on Disease Activity and Gut Microbiota Composition of Rheumatoid Arthritis Patients.](#)

Microorganisms , Volume: 8 Issue: 12 2020 Dec 14

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

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

The Journal of nutritional biochemistry , Volume: 88 2021 Feb

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

[Case Study: Rapid Complete Recovery From An Autism Spectrum Disorder After Treatment of Aspergillus With The Antifungal Drugs Itraconazole And Sporanox.](#)

Integrative medicine (Encinitas, Calif.) , Volume: 19 Issue: 4 2020 Aug

Authors Baker S,Shaw W

[Oat bran and wheat bran impact net energy by shaping microbial communities and fermentation products in pigs fed diets with or without xylanase.](#)

Journal of animal science and biotechnology , Volume: 11 2020

Authors Lyu Z,Wang L,Wang J,Wang Z,Zhang S,Wang J,Cheng J,Lai C

[Dietary Epigallocatechin-3-Gallate Alters the Gut Microbiota of Obese Diabetic db/db Mice: Lactobacillus Is a Putative Target.](#)

Journal of medicinal food , Volume: 23 Issue: 10 2020 Oct

Authors Park JM,Shin Y,Kim SH,Jin M,Choi JJ

[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

[In Vitro Digestion and Fermentation by Human Fecal Microbiota of Polysaccharides from Flaxseed.](#)

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

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

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

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

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

[Modulation of Gut Microbiota Profile and Short-Chain Fatty Acids of Rats Fed with Taro Flour or Taro Starch.](#)

International journal of microbiology , Volume: 2020 2020

Authors Surono IS,Venema K

[Reciprocal Interactions between Epigallocatechin-3-gallate \(EGCG\) and Human Gut Microbiota In Vitro.](#)

Journal of agricultural and food chemistry , Volume: 68 Issue: 36 2020 Sep 9

Authors Liu Z,de Bruijn WJC,Bruins ME,Vincken JP

[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

[The polyphenol-rich extract from chokeberry \(Aronia melanocarpa L.\) modulates gut microbiota and improves lipid metabolism in diet-induced obese rats.](#)

Nutrition & metabolism , Volume: 17 2020

Authors Zhu Y,Zhang JY,Wei YL,Hao JY,Lei YQ,Zhao WB,Xiao YH,Sun AD

[Soy food intake associates with changes in the metabolome and reduced blood pressure in a gut microbiota dependent manner.](#)

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

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

[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-UI-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

Auxiliary antitumor effects of fungal proteins from *Herichium erinaceus* by target on the gut microbiota.

Journal of food science , Volume: 85 Issue: 6 2020 Jun

Authors Wang D,Zhu X,Tang X,Li H,Yizhen X,Chen D

Prebiotics effects in vitro of polysaccharides from tea flowers on gut microbiota of healthy persons and patients with inflammatory bowel disease.

International journal of biological macromolecules , Volume: 158 2020 May 3

Authors Chen D,Chen G,Chen C,Zeng X,Ye H

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

PloS one , Volume: 15 Issue: 4 2020

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

Effect of resveratrol on intestinal tight junction proteins and the gut microbiome in high-fat diet-fed insulin resistant mice.

International journal of food sciences and nutrition , Volume: 71 Issue: 8 2020 Dec

Authors Chen K,Zhao H,Shu L,Xing H,Wang C,Lu C,Song G

Modulation of Pectin on Mucosal Innate Immune Function in Pigs Mediated by Gut Microbiota.

Microorganisms , Volume: 8 Issue: 4 2020 Apr 8

Authors Wu W,Zhang L,Xia B,Tang S,Xie J,Zhang H

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

Alteration of the gut microbiota by vinegar is associated with amelioration of hyperoxaluria-induced kidney injury.

Food & function , Volume: 11 Issue: 3 2020 Mar 1

Authors Zhu W,Liu Y,Duan X,Xiao C,Lan Y,Luo L,Wu C,Yang Z,Mai X,Lu S,Zhong W,Li S,He Z,Zhang X,Liu Y,Zeng G

Ethanol extract of propolis prevents high-fat diet-induced insulin resistance and obesity in association with modulation of gut microbiota in mice.

Food research international (Ottawa, Ont.) , Volume: 130 2020 Apr

Authors Cai W,Xu J,Li G,Liu T,Guo X,Wang H,Luo L

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

Food for thought about manipulating gut bacteria.

Nature , Volume: 577 Issue: 7788 2020 Jan

Authors Delzenne NM,Bindels LB

Chronic oral exposure to glycated whey proteins increases survival of aged male NOD mice with autoimmune prostatitis by regulating the gut microbiome and anti-inflammatory responses.

Food & function , Volume: 11 Issue: 1 2020 Jan 29

Authors Chen Y,Guo KM,Nagy T,Guo TL

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

Dietary resistant starch modifies the composition and function of caecal microbiota of broilers.

Journal of the science of food and agriculture , Volume: 100 Issue: 3 2020 Feb

Authors Zhang Y,Liu Y,Li J,Xing T,Jiang Y,Zhang L,Gao F

Comparison of antifungal activity of essential oils from different plants against three fungi.

Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association , Volume: 134 2019 Dec

Authors Hu F,Tu XF,Thakur K,Hu F,Li XL,Zhang YS,Zhang JG,Wei ZI

Prevotella Abundance Predicts Weight Loss Success in Healthy, Overweight Adults Consuming a Whole-Grain Diet Ad Libitum: A Post Hoc Analysis of a 6-Wk Randomized Controlled Trial.

The Journal of nutrition , 2019 Aug 28

Authors Christensen L,Vuholm S,Roager HM,Nielsen DS,Krych L,Kristensen M,Astrup A,Hjorth MF

The Capacity of the Fecal Microbiota From Malawian Infants to Ferment Resistant Starch.

Frontiers in microbiology , Volume: 10 2019

Authors Wang Y,Mortimer EK,Katundu KGH,Kalanga N,Leong LEX,Gopalsamy GL,Christophersen CT,Richard AC,Shivasami A,Abell GCJ,Young GP,Rogers GB

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

The Journal of nutritional biochemistry , Volume: 70 2019 Aug

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

[Microbiome-Metabolomics Analysis Investigating the Impacts of Dietary Starch Types on the Composition and Metabolism of Colonic Microbiota in Finishing Pigs.](#)

Frontiers in microbiology , Volume: 10 2019

Authors Yu M,Li Z,Chen W,Rong T,Wang G,Ma X

[The role of short-chain fatty acids in microbiota-gut-brain communication.](#)

Nature reviews. Gastroenterology & hepatology , Volume: 16 Issue: 8 2019 Aug

Authors Dalile B, Van Oudenhove L, Vervliet B, Verbeke K

[Four men in a boat: Ultra-endurance exercise alters the gut microbiome.](#)

Journal of science and medicine in sport , Volume: 22 Issue: 9 2019 Sep

Authors Keohane DM,Woods T,O'Connor P,Underwood S,Cronin O,Whiston R,O'Sullivan O,Cotter P,Shanahan F,Molloy MGM

[Associations between usual diet and gut microbiota composition: results from the Milieu Intérieur cross-sectional study.](#)

The American journal of clinical nutrition , Volume: 109 Issue: 5 2019 May 1

Authors Partula V,Mondot S,Torres MJ,Kesse-Guyot E,Deschasaux M,Assmann K,Latino-Martel P,Buscail C,Julia C,Galan P,Hercberg S,Rouilly V,Thomas S,Quintana-Murci L,Albert ML,Duffy D,Lantz O,Touvier M,Milieu Intérieur Consortium

[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

[Influence of proton pump inhibitors on microbiota in chronic liver disease patients.](#)

Hepatology international , Volume: 13 Issue: 2 2019 Mar

Authors Yamamoto K,Ishigami M,Honda T,Takeyama T,Ito T,Ishizu Y,Kuzuya T,Hayashi K,Goto H,Hirooka Y

[Intestinal Morphologic and Microbiota Responses to Dietary <i>Bacillus</i> spp. in a Broiler Chicken Model.](#)

Frontiers in physiology , Volume: 9 2018

Authors Li CL,Wang J,Zhang HJ,Wu SG,Hui QR,Yang CB,Fang RJ,Qi GH

[Isolation of wheat bran-colonizing and metabolizing species from the human fecal microbiota.](#)

PeerJ , Volume: 7 2019

Authors De Paepe K,Verspreet J,Rezaei MN,Hidalgo Martinez S,Meysman F, Van de Walle D,Dewettinck K,Raes J,Courtin C, Van de Wiele T

[Behavioral response to fiber feedings is cohort-dependent and associated with gut microbiota composition in mice.](#)

Behavioural brain research , Volume: 359 2019 Feb 1

Authors Mailing LJ,Allen JM,Pence BD,Rytych J,Sun Y,Bhattacharya TK,Park P,Cross TL,McCusker RH,Swanson KS,Fahey GC,Rhodes JS,Kelley KW,Johnson RW,Woods JA

[Introducing insoluble wheat bran as a gut microbiota niche in an in vitro dynamic gut model stimulates propionate and butyrate production and induces colon region specific shifts in the luminal and mucosal microbial community.](#)

Environmental microbiology , Volume: 20 Issue: 9 2018 Sep

Authors De Paepe K,Verspreet J,Verbeke K,Raes J,Courtin CM, Van de Wiele T

[Impact of tart cherries polyphenols on the human gut microbiota and phenolic metabolites in vitro and in vivo.](#)

The Journal of nutritional biochemistry , Volume: 59 2018 Sep

Authors Mayta-Apaza AC,Pottgen E,De Bodd J,Papp N,Marasini D,Howard L,Abranko L, Van de Wiele T, Lee SQ,Carbonero F

[Maternal Soluble Fiber Diet during Pregnancy Changes the Intestinal Microbiota, Improves Growth Performance, and Reduces Intestinal Permeability in Piglets.](#)

Applied and environmental microbiology , Volume: 84 Issue: 17 2018 Sep 1

Authors Cheng C,Wei H,Xu C,Xie X,Jiang S,Peng J

[Composition and metabolism of fecal microbiota from normal and overweight children are differentially affected by melibiose, raffinose and raffinose-derived fructans.](#)

Anaerobe , Volume: 52 2018 Aug

Authors Adamberg K,Adamberg S,Ernits K,Larionova A,Voor T,Jaagura M,Visnapuu T,Alamäe T

[Characterization and prebiotic activity in vitro of inulin-type fructan from Codonopsis pilosula roots.](#)

Carbohydrate polymers , Volume: 193 2018 Aug 1

Authors Fu YP,Li LX,Zhang BZ,Paulsen BS,Yin ZQ,Huang C,Feng B,Chen XF,Jia RR,Song X,Ni XQ,Jing B,Wu FM,Zou YF

[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

Smoking and the intestinal microbiome.

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

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

Extensive impact of non-antibiotic drugs on human gut bacteria.

Nature , Volume: 555 Issue: 7698 2018 Mar 29

Authors Maier L,Pruteanu M,Kuhn M,Zeller G,Telzerow A,Anderson EE,Brochado AR,Fernandez KC,Dose H,Mori H,Patil KR,Bork P,Typas A

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

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

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

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

Update of incidence and antimicrobial susceptibility trends of Escherichia coli and Klebsiella pneumoniae isolates from Chinese intra-abdominal infection patients.

BMC infectious diseases , Volume: 17 Issue: 1 2017 Dec 18

Authors Zhang H,Yang Q,Liao K,Ni Y,Yu Y,Hu B,Sun Z,Huang W,Wang Y,Wu A,Feng X,Luo Y,Chu Y,Chen S,Cao B,Su J,Duan Q,Zhang S,Shao H,Kong H,Gui B,Hu Z,Badal R,Xu Y

Balancing Herbal Medicine and Functional Food for Prevention and Treatment of Cardiometabolic Diseases through Modulating Gut Microbiota.

Frontiers in microbiology , Volume: 8 2017

Authors Lyu M,Wang YF,Fan GW,Wang XY,Xu SY,Zhu Y

Extracts from Hericium erinaceus relieve inflammatory bowel disease by regulating immunity and gut microbiota.

Oncotarget , Volume: 8 Issue: 49 2017 Oct 17

Authors Diling C,Xin Y,Chaoqun Z,Jian Y,Xiaocui T,Jun C,Ou S,Yizhen X

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

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

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

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

Frontiers in microbiology , Volume: 8 2017

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

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

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

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

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

The Journal of nutritional biochemistry , Volume: 49 2017 Nov

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

Regulative effects of curcumin spice administration on gut microbiota and its pharmacological implications.

Food & nutrition research , Volume: 61 Issue: 1 2017

Authors Shen L,Liu L, Ji HF

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

Monitoring *in vitro* antibacterial efficacy of 26 Indian spices against multidrug resistant urinary tract infecting bacteria.

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

Authors Rath S,Padhy RN

Inter-individual differences determine the outcome of wheat bran colonization by the human gut microbiome.

Environmental microbiology , Volume: 19 Issue: 8 2017 Aug

Authors De Paepe K,Kerckhof FM,Verspreet J,Courtin CM, Van de Wiele T

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

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

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

Berberine protects against diet-induced obesity through regulating metabolic endotoxemia and gut hormone levels.

Molecular medicine reports , Volume: 15 Issue: 5 2017 May

Authors Xu JH,Liu XZ,Pan W,Zou DJ

Influence of diet on the gut microbiome and implications for human health.

Journal of translational medicine , Volume: 15 Issue: 1 2017 Apr 8

Authors Singh RK,Chang HW,Yan D,Lee KM,Ucmak D,Wong K,Abrouk M,Farahnik B,Nakamura M,Zhu TH,Bhutani T,Liao W

Effect of Whole Grain Qingke (Tibetan Hordeum vulgare L. Zangqing 320) on the Serum Lipid Levels and Intestinal Microbiota of Rats under High-Fat Diet.

Journal of agricultural and food chemistry , Volume: 65 Issue: 13 2017 Apr 5

Authors Xia X,Li G,Ding Y,Ren T,Zheng J,Kan J

Prospective randomized controlled study on the effects of Saccharomyces boulardii CNCM I-745 and amoxicillin-clavulanate or the combination on the gut microbiota of healthy volunteers.

Gut microbes , Volume: 8 Issue: 1 2017 Jan 2

Authors Kabbani TA,Pallav K,Dowd SE,Villafuerte-Galvez J,Vanga RR,Castillo NE,Hansen J,Dennis M,Leffler DA,Kelly CP

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

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

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

Assessment of the prebiotic effect of quinoa and amaranth in the human intestinal ecosystem.

Food & function , Volume: 7 Issue: 9 2016 Sep 14

Authors Gullón B,Gullón P,Tavaria FK,Yáñez R

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

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

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

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

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

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

In vitro antimicrobial activity of five essential oils on multidrug resistant Gram-negative clinical isolates.

Journal of intercultural ethnopharmacology , Volume: 5 Issue: 3 2016 Jun-Aug

Authors Sakkas H,Gousia P,Economou V,Sakkas V,Petsios S,Papadopoulou C

Significant pharmacokinetic differences of berberine are attributable to variations in gut microbiota between Africans and Chinese.

Scientific reports , Volume: 6 2016 Jun 10

Authors Alolga RN,Fan Y,Chen Z,Liu LW,Zhao YJ,Li J,Chen Y,Lai MD,Li P,Qi LW

Mediterranean diet and faecal microbiota: a transversal study.

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

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

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

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

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

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

In vitro extraction and fermentation of polyphenols from grape seeds (Vitis vinifera) by human intestinal microbiota.

Food & function , Volume: 7 Issue: 4 2016 Apr

Authors Zhou L,Wang W,Huang J,Ding Y,Pan Z,Zhao Y,Zhang R,Hu B,Zeng X

High Molecular Weight Barley β -Glucan Alters Gut Microbiota Toward Reduced Cardiovascular Disease Risk.

Frontiers in microbiology , Volume: 7 2016

Authors Wang Y,Ames NP,Tun HM,Tosh SM,Jones PJ,Khafipour E

Dietary Isomers of Sialyllactose Increase Ganglioside Sialic Acid Concentrations in the Corpus Callosum and Cerebellum and

Modulate the Colonic Microbiota of Formula-Fed Piglets.**The Journal of nutrition** , Volume: 146 Issue: 2 2016 Feb

Authors Jacobi SK,Yatsunenkov T,Li D,Dasgupta S,Yu RK,Berg BM,Chichlowski M,Odle J

Fecal microbiome of growing pigs fed a cereal based diet including chicory (Cichorium intybus L.) or ribwort (Plantago lanceolata L.) forage.**Journal of animal science and biotechnology** , Volume: 6 2015

Authors Dicksved J,Jansson JK,Lindberg JE

Evidence for synergistic activity of plant-derived essential oils against fungal pathogens of food.**Food microbiology** , Volume: 53 Issue: Pt B 2016 Feb

Authors Hossain F,Follett P,Dang Vu K,Harich M,Salmieri S,Lacroix M

Role of colonic microbiota in colorectal carcinogenesis: a systematic review.**Revista española de enfermedades digestivas** , Volume: 107 Issue: 11 2015 Nov

Authors Borges-Canha M,Portela-Cidade JP,Dinis-Ribeiro M,Leite-Moreira AF,Pimentel-Nunes P

High-level adherence to a Mediterranean diet beneficially impacts the gut microbiota and associated metabolome.**Gut** , Volume: 65 Issue: 11 2016 Nov

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

The gut microbial community in metabolic syndrome patients is modified by diet.**The Journal of nutritional biochemistry** , Volume: 27 2016 Jan

Authors Haro C,García-Carpintero S,Alcalá-Díaz JF,Gómez-Delgado F,Delgado-Lista J,Pérez-Martínez P,Rangel-Zuñiga OA,Quintana-Navarro GM,Landa BB,Clemente JC,López-Miranda J,Camargo A,Pérez-Jiménez F

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

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

Sex differences in gut fermentation and immune parameters in rats fed an oligofructose-supplemented diet.**Biology of sex differences** , Volume: 6 2015

Authors Shastri P,McCarville J,Kalmokoff M,Brooks SP,Green-Johnson JM

Pomegranate extract induces ellagitannin metabolite formation and changes stool microbiota in healthy volunteers.**Food & function** , Volume: 6 Issue: 8 2015 Aug

Authors Li Z,Henning SM,Lee RP,Lu QY,Summanen PH,Thames G,Corbett K,Downes J,Tseng CH,Finegold SM,Heber D

Modulation of gut microbiota in rats fed high-fat diets by processing whole-grain barley to barley malt.**Molecular nutrition & food research** , Volume: 59 Issue: 10 2015 Oct

Authors Zhong Y,Nyman M,Fåk F

PROPOLIS AS AN ANTIBACTERIAL AGENT AGAINST CLINICAL ISOLATES OF MDR-ACINETOBACTER BAUMANNII.**Journal of Ayub Medical College, Abbottabad : JAMC** , Volume: 27 Issue: 1 2015 Jan-Mar

Authors Hannan A,Batool A,Qamar MU,Khalid F

Wheat and barley differently affect porcine intestinal microbiota.**Journal of the science of food and agriculture** , Volume: 96 Issue: 6 2016 Apr

Authors Weiss E,Aumiller T,Spindler HK,Rosenfelder P,Eklund M,Witzig M,Jørgensen H,Bach Knudsen KE,Mosenthin R

Effects of dietary linseed oil and propionate precursors on ruminal microbial community, composition, and diversity in Yanbian yellow cattle.**PloS one** , Volume: 10 Issue: 5 2015

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

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

Authors Simpson HL,Campbell BJ

Comparative in vitro fermentations of cranberry and grape seed polyphenols with colonic microbiota.**Food chemistry** , Volume: 183 2015 Sep 15

Authors Sánchez-Patán F,Barroso E,van de Wiele T,Jiménez-Girón A,Martín-Alvarez PJ,Moreno-Arribas MV,Martínez-Cuesta MC,Peláez C,Requena T,Bartolomé B

Metatranscriptomic analyses of plant cell wall polysaccharide degradation by microorganisms in the cow rumen.**Applied and environmental microbiology** , Volume: 81 Issue: 4 2015 Feb

Authors Dai X,Tian Y,Li J,Luo Y,Liu D,Zheng H,Wang J,Dong Z,Hu S,Huang L

[Characterization and determination of antibiotic resistance profiles of a single clone Acinetobacter baumannii strains isolated from blood cultures].**Mikrobiyoloji bulteni** , Volume: 48 Issue: 4 2014 Oct

Authors Karagöz A,Baran I,Aksu N,Acar S,Durmaz R

Xylan utilization in human gut commensal bacteria is orchestrated by unique modular organization of polysaccharide-degrading enzymes.

Proceedings of the National Academy of Sciences of the United States of America , Volume: 111 Issue: 35 2014 Sep 2

Authors Zhang M,Chekan JR,Dodd D,Hong PY,Radlinski L,Revindran V,Nair SK,Mackie RI,Cann I

In vitro activity of curcumin in combination with epigallocatechin gallate (EGCG) versus multidrug-resistant *Acinetobacter baumannii*.

BMC microbiology , Volume: 14 2014 Jun 27

Authors Betts JW,Wareham DW

Chicory (*Cichorium intybus* L.) and cereals differently affect gut development in broiler chickens and young pigs.

Journal of animal science and biotechnology , Volume: 4 Issue: 1 2013 Dec 17

Authors Liu H,Ivarsson E,Lundh T,Lindberg JE

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

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

Authors Kanj SS,Whitelaw A,Dowzicky MJ

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

Spectrum and antimicrobial resistance of common pathogenic bacteria isolated from patients with acute exacerbation of chronic obstructive pulmonary disease in mainland of China.

Chinese medical journal , Volume: 126 Issue: 12 2013 Jun

Authors Ye F,He LX,Cai BQ,Wen FQ,Chen BY,Hadiarto M,Chen RC,Yuan JP,Sun HL

Effect of acute and chronic red wine consumption on lipopolysaccharide concentrations.

The American journal of clinical nutrition , Volume: 97 Issue: 5 2013 May

Authors Clemente-Postigo M,Queipo-Ortuño MI,Boto-Ordóñez M,Coin-Aragüez L,Roca-Rodríguez MM,Delgado-Lista J,Cardona F,Andrés-Lacueva C,Tinahones FJ

Grain-rich diets differently alter ruminal and colonic abundance of microbial populations and lipopolysaccharide in goats.

Anaerobe , Volume: 20 2013 Apr

Authors Metzler-Zebeli BU,Schmitz-Esser S,Klevenhusen F,Podstatzky-Lichtenstein L,Wagner M,Zebeli Q

Structural changes of gut microbiota during berberine-mediated prevention of obesity and insulin resistance in high-fat diet-fed rats.

PloS one , Volume: 7 Issue: 8 2012

Authors Zhang X,Zhao Y,Zhang M,Pang X,Xu J,Kang C,Li M,Zhang C,Zhang Z,Zhang Y,Li X,Ning G,Zhao L

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

Influence of red wine polyphenols and ethanol on the gut microbiota ecology and biochemical biomarkers.

The American journal of clinical nutrition , Volume: 95 Issue: 6 2012 Jun

Authors Queipo-Ortuño MI,Boto-Ordóñez M,Murri M,Gomez-Zumaquero JM,Clemente-Postigo M,Estruch R,Cardona Diaz F,Andrés-Lacueva C,Tinahones FJ

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

Synergistic activity of coriander oil and conventional antibiotics against *Acinetobacter baumannii*.

Phytomedicine : international journal of phytotherapy and phytopharmacology , Volume: 19 Issue: 3-4 2012 Feb 15

Authors Duarte A,Ferreira S,Silva F,Domingues FC

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

Sitafloxacin: in bacterial infections.

Drugs , Volume: 71 Issue: 6 2011 Apr 16

Authors Keating GM

Cytotoxicity, antiviral and antimicrobial activities of alkaloids, flavonoids, and phenolic acids.

Pharmaceutical biology , Volume: 49 Issue: 4 2011 Apr

Authors Özcelik B,Kartal M,Orhan I

In vitro fermentation of oat and barley derived beta-glucans by human faecal microbiota.

FEMS microbiology ecology , Volume: 64 Issue: 3 2008 Jun

Authors Hughes SA,Shewry PR,Gibson GR,McCleary BV,Rastall RA

[Surveillance of antimicrobial resistance among nosocomial gram-negative pathogens from 15 teaching hospitals in China in 2005].

Zhonghua yi xue za zhi , Volume: 87 Issue: 39 2007 Oct 23

Authors Yang QW,Xu YC,Chen MJ,Hu YJ,Ni YX,Sun JY,Yu YS,Kong HS,He L,Wu WY,Ye HF,Yang YM,Zhu LN,Guo SH,JI P,Zhu ZH,Ren JK,Zhang LX,Sun ZY,Zhu XH,Tong MQ,Zhao WS,Mei YN,Liu Y,Zhang ZI,Duan Q,Li D,Liu PP,Wang J,Han LX,Wang H,Xie XL

Antimicrobial activity against gram negative bacilli from Yaounde Central Hospital, Cameroon.

African health sciences , Volume: 6 Issue: 4 2006 Dec

Authors Gangoue-Pieboji J,Koulla-Shiro S,Ngassam P,Adiogo D,Ndumbe P

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

Victivallis vadensis gen. nov., sp. nov., a sugar-fermenting anaerobe from human faeces.

International journal of systematic and evolutionary microbiology , Volume: 53 Issue: Pt 1 2003 Jan

Authors Zoetendal EG,Plugge CM,Akkermans AD,de Vos WM

In vitro evaluation of activities of nitazoxanide and tizoxanide against anaerobes and aerobic organisms.

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

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

In vitro antimicrobial activity of fluoroquinolones against clinical isolates obtained in 1989 and 1990.

Journal of the Formosan Medical Association = Taiwan yi zhi , Volume: 92 Issue: 12 1993 Dec

Authors Chen YC,Chang SC,Hsu LY,Hsieh WC,Luh KT

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

Acta microbiologica Polonica , Volume: 43 Issue: 1 1994

Authors Kasperowicz A

Curated database of commensal, symbiotic and pathogenic microbiota

Generative Bioinformatics , Volume: Issue: 2014 Jun

Authors D'Adamo Peter

Additional APriori Analysis Available

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

Abdominal Aortic Aneurysm

Acne

Addison's Disease (hypocortisolism)

ADHD

Age-Related Macular Degeneration and Glaucoma

Allergic Rhinitis (Hay Fever)

Allergies

Allergy to milk products

Alopecia (Hair Loss)

Alzheimer's disease

Amyotrophic lateral sclerosis (ALS) Motor Neuron

Ankylosing spondylitis

Anorexia Nervosa

Antiphospholipid syndrome (APS)

Asthma

Atherosclerosis

Atrial fibrillation

Autism

Autoimmune Disease

Barrett esophagus cancer

benign prostatic hyperplasia

Biofilm

Bipolar Disorder
Brain Trauma
Breast Cancer
Cancer (General)
Carcinoma
cdkl5 deficiency disorder
Celiac Disease
Cerebral Palsy
Chronic Fatigue Syndrome
Chronic Kidney Disease
Chronic Lyme
Chronic Obstructive Pulmonary Disease (COPD)
Chronic Urticaria (Hives)
Coagulation / Micro clot triggering bacteria
Cognitive Function
Colorectal Cancer
Constipation
Coronary artery disease
COVID-19
Crohn's Disease
Cushing's Syndrome (hypercortisolism)
cystic fibrosis
d-lactic acidosis (one form of brain fog)
deep vein thrombosis
Denture Wearers Oral Shifts
Depression
Dermatomyositis
Eczema
Endometriosis
Eosinophilic Esophagitis
Epilepsy
erectile dysfunction
Fibromyalgia
Food Allergy
Functional constipation / chronic idiopathic constipation
gallstone disease (gsd)
Gastroesophageal reflux disease (Gerd) including Barrett's esophagus
Generalized anxiety disorder
giant cell arteritis
Glioblastoma
Gout
Graves' disease
Gulf War Syndrome
Halitosis
Hashimoto's thyroiditis
Heart Failure
hemorrhagic stroke
Hemorrhoidal disease, Hemorrhoids, Piles
Hidradenitis Suppurativa
High Histamine/low DAO
hypercholesterolemia (High Cholesterol)
hyperglycemia
Hyperlipidemia (High Blood Fats)
hypersomnia
hypertension (High Blood Pressure)
Hypothyroidism
Hypoxia
IgA nephropathy (IgAN)

Inflammatory Bowel Disease
Insomnia
Intelligence
Intracranial aneurysms
Irritable Bowel Syndrome
ischemic stroke
Juvenile idiopathic arthritis
Liver Cirrhosis
liver fibrosis
Long COVID
Low bone mineral density
Lung Cancer
Lymphoma
Mast Cell Issues / mastitis
ME/CFS with IBS
ME/CFS without IBS
membranous nephropathy
Menopause
Metabolic Syndrome
Mood Disorders
multiple chemical sensitivity [MCS]
Multiple Sclerosis
Multiple system atrophy (MSA)
myasthenia gravis
neuropathic pain
Neuropathy (all types)
neuropsychiatric disorders (PANDAS, PANS)
Nonalcoholic Fatty Liver Disease (nafld) Nonalcoholic
NonCeliac Gluten Sensitivity
Obesity
obsessive-compulsive disorder
Osteoarthritis
Osteoporosis
pancreatic cancer
Parkinson's Disease
Peanut Allergy
Polycystic ovary syndrome
Postural orthostatic tachycardia syndrome
Premenstrual dysphoric disorder
primary biliary cholangitis
Primary sclerosing cholangitis
Psoriasis
rheumatoid arthritis (RA),Spondyloarthritis (SpA)
Rosacea
Schizophrenia
scoliosis
sensorineural hearing loss
Sjögren syndrome
Sleep Apnea
Slow gastric motility / Gastroparesis
Small Intestinal Bacterial Overgrowth (SIBO)
Stress / posttraumatic stress disorder
Systemic Lupus Erythematosus
Tic Disorder
Tourette syndrome
Type 1 Diabetes
Type 2 Diabetes
Ulcerative colitis

Unhealthy Ageing
Vitiligo