

Microbiome Information for: Breast Cancer

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

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

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

In the USA

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

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

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

Analysis Provided by Microbiome Prescription

A Microbiome Analysis Company

892 Lake Samish Rd, Bellingham WA 98229

Email: Research@MicrobiomePrescription.com

[Our Facebook Discussion Page](#)

Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of Breast Cancer

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
Christensenellaceae	family Low	990719	Romboutsia	genus Low	1501226
Acidaminococcus	genus High	904	Tyzzarella	genus High	1506577
Anaerofilum	genus Low	52784	Candidatus Gastranaerophilales	order Low	1906119
Dialister	genus Low	39948	Coriobacteriales	order Low	84999
Hungatella	genus High	1649459	Flavobacteriales	order Low	200644

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.

Alpha-Ketoglutarate	
Arbutin (polyphenol) 100 mg/day	
banana	
barley,oat	
berberine 1.5 gram/day	
bifidobacterium bifidum (probiotics) 1 BCFU/day	
bile (acid/salts)	
Bismuth Salts	
broccoli	
Caffeine	
Carthamus tinctorius L,Safflower	
chrysanthemum morifolium	
cranberry bean flour	
diosmin,(polyphenol) 1500 mg/day	
enterococcus faecium (probiotic) 1 BCFU/day	
Fiber, total dietary	
Fisetin 20 mg/day	
foeniculum vulgare,fennel	
fructo-oligosaccharides (prebiotic) 15 gram/day	
fruit/legume fibre	
GABA 6 gram/day	
gallate (food additive)	
gallic acid (food additive)	
ginger	
Goji (berry,juice)	
Hesperidin (polyphenol) 1.5 gram/day	
Human milk oligosaccharides (prebiotic, Holigos, Stachyose) 2 gram/day	
hypericin, St. John's Wort	
inulin (prebiotic) 32 gram/day	
iron 400 mg/day	
jatropha curcas [can be poisonous]	
kombucha	
Krill Oil 4 gram/day	
ku ding cha tea	
lactobacillus acidophilus (probiotics) 20 BCFU/day	
lactobacillus rhamnosus (probiotics) 48 BCFU/day	
lactobacillus salivarius (probiotics) 9 BCFU/day	
laser trilobum l.,kefe cumin	
l-glutamine 5 gram/day	
l-proline	
luteolin (flavonoid) 400 mg/day	
mannooligosaccharide (prebiotic) 8 gram/day	
melatonin supplement 10 mg/day	
N-Acetyl Cysteine (NAC), 2400 mg/day	
nigella sativa seed (black cumin) 1000 mg/day	
omega-3 fatty acids 4 gram/day	
oplopanax horridus(Devil's Club)	
Psyllium (Plantago Ovata Husk) 6.8 gram/day	
purple sweet potatoes	
rare meat	
retinoic acid,(Vitamin A derivative)	
Rhodiola rosea (Rosavin) 1360 mg/day	
rhubarb	
selenium 400 µg/d	
Slippery Elm	
triphala 9000 mg/day	
Ursolic acid	
vegetarians	
Vitamin B1,thiamine hydrochloride 1.8 gram/day	
Vitamin B-12 10 mg/day	
vitamin B3,niacin 3000 mg/day	
Vitamin B6,pyridoxine hydrochloride 200 mg/day	
Vitamin E 60 IU/day	
wheat	

Retail Probiotics

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

OMNI-BIOTIC®/ 10 AAD
 solaray / microbiome probiotic colon formula
 hyperbiotics / pro-15
 Dr. Mercola / Complete Probiotics
 Garden of Life / Dr. Formulated Once Daily Women's
 NOW FOODS / Clinical GI Probiotic
 MegaFood / MegaFlora
 OMNI-BIOTIC®/ TRAVEL
 organic 3 / primal gut
 HLH BIOPHARMA(DE) / LACTOBACT ® OMNI FOS
 Physis / Advance Probiotics
 young living/life 9
 custom probiotics / six strain probiotic powder
 Nu U (uk) /Bio-Cultures Complex
 ISCON Elegance/ Ochek Capsule 10
 1 md / complete probiotics platinum
 quantum wellness / restora flora
 bravo europe / starter and complex
 optibac / for every day
 vita miracle / ultra-30 probiotics
 Northwest Natural Products / PBS
 Physician Choice /60 Billion Probiotics
 Swiss BioEnergetics / Full Spectrum Probiotic Defence
 newrhythm / probiotics 20 stains
 ASEA VIA / BIOME
 Wholesome Wellness / Raw Probiotic
 HLH BIOPHARMA(DE) / LACTOBACT ® METABOLIC
 udo's choice /super 8 gold
 LiveWell Nutrition / Pro-45
 elixa / probiotic
 bioray / cytoflora
 Advanced Bio-Cultures / Advance Multi Strain Probiotics
 renew life / ultimate flora
 bioflan bio (au) / happy probiotic 100
 jamieson (can) / probiotic 10 bcfu
 SuperSmart / Full Spectrum Probiotic Formula
 klaire labs / target gb-x
 renew life men's probiotic- ultimate
 Bromatech (IT) / Acronelle
 douglas laboratories / multi probiotic 40 billion
 up4 / ultra
 Windlove Probiotics / Ecologic®825
 custom probiotics / four strain lactobacilli
 Lake Avenue Nutrition / Probiotics 10 Strain Blend
 fürstenmed / lacto-bifido
 theramedix / probiotic
 bravo europe / freeze-dried bravo
 naturopathica (au) / gastrohealth probiotic dairy free 50 billion
 Sash Vitality /Bio-Cultures Probiotics for Adults
 SuperSmart / Vaginal Health
 7 AM Ultra Probiotics
 blackmores (au) / probiotics+ immune defence
 jarro formulas / jarro-dophilus® ultra
 Ombre / Healthy Gut

speer labs / emuaid first defense
Ombre / Metabolic Booster
vinco / probiotic eight 65
ecology_allergycare
nature's way (au) / restore probiotic 100 billion
cytoplant(uk) / dentavital bifidophilus
bioglan bio (au) / happy probiotic 50
lifted naturals / mood boosting probiotic
seed / male version
Bio Schwartz / Advance Strength Probiotics (40 BCFU)
Biorela® Daily
gnc / ultra probiotic complex
natren / healthy trinity probiotic
blackmore (au) / probiotics+ daily health
Bromatech (IT) / Ramnoselle
nature's way (au) / restore probiotic 30 billion 30s
SuperSmart / Oral Health
just for tummies / live bacteria
biospec / probiotic-5
naturopathica (au) / gastrohealth probiotic dairy free 20 bcfu
CVSHealth / Daily Probiotic
up4 / women's
nature's bounty / probioti 10
Bromatech / ENTERELLE PLUS
naturopathica (au) / gastrohealth women's probiotic with cranberry
Ombre / Harmony
spain (es) / profaes4 edad escolar
Invivo / Bio.Me Femme UT
blackmore (au) / probiotics+ eczema relief
naturopathica (au) / gastrohealth fibrepro
Thryve Inside/ L.Reu,Rham,Casi; B.Lactis
Ombre / Endless Energy
Seeking Health / Probiota HistaminX
organic 3 / gutpro
HLH BIOPHARMA(DE) / LACTOBACT ® 60PLUS
spain (es) / profaes4 viajeros
custom probiotics / d-lactate free probiotics powder
seed / female version
blackmores (au) / probiotics + adults daily (90 capsules)
bio-k+
nature's way (au) / restore probiotic daily health 90s
Bromatech(IT) / FEMELLE
HLH BIOPHARMA(DE) / LACTOBACT ® PREMIUM
SuperSmart / Candalb
jarrow formula / jarro-dophilus original
naturopathica (au) / gastrohealth probiotic ultimate daily care 100billion
zint nutrition / probiotic collagen +
Jetson (US) / Immunity Probiotics
Smidge / Sensitive Probiotic
Krauterhaus / Lactopro
jarrow formulas / bifidus balance® + fos
Bromatech (IT) / Enterelle
SuperSmart / Lactoxira
Bromatech (IT) / Psicobrain
HLH BIOPHARMA(DE) / LACTOBACT ® AAD
naturopathica (au) / gastrohealth probiotic adults 50+
nature's way (au) / restore probiotic bowel & colon health 30s
up4 / adult

optibac / for those on antibiotics
shin biofermin (jp) /s
genestra brands® hm
Resbiotic /resB® Lung Support
ferring / vsl#3
jarrow formulas / jarro-dophilus eps
spain (es) / ns defenbiotic kids
bioglan bio (au/ happy probiotic 25
Thyve LPCasei Th1, LPCasei Th2,L.Ferm IBF1, Lacidoph
Ombre / Restore
visbiome
Metabolics / Lactobacillus Rhamnosus Powder
customprobiotics.com / B. Bifidum Probiotic Powder
Ombre / Mood Enhancer
spain (es) / aquilea intimus
ProbioMax® Daily DF
JGL / Lactogyn
bayer / trubiotics daily probiotic
quality health(au)/ fridge free probiotic 25b
Pharmextracta (IT) / iNatal DUO sachets
spain (es) / vivomixx
CustomProbiotics.com / L. Acidophilus Probiotic Powder
jarrow formulas / fem dophilus
Bromatech (IT) / Pilorex
solgar / advanced multi-billion dophilus
Bromatech (IT) / Aflugenex
PharmExtracta (IT) / FG5 Forte In Sachets
natren / megadophilus
VSL Pharmaceuticals / Oxadrop
spain (es) / muvagyn probiotico
Pharmextracta (IT) / iNatal PED stick
kiaire labs / ther-biotic factor 4
optibac / for every day max
Bromatech (IT) / Bifiselle
wakamoto (jp) / wakamoto pharmaceutical intestinal drug
custom probiotics / five strain bifidobacteria
blackmore (au) / probiotics+ womens flora balance
CustomProbiotics.com / L. Salivarius Probiotic Powder
SuperSmart / Probio Forte
Nature's Bounty / Acidophilus Probiotic
solgar / advanced 40+ acidophilus
bioglan (au) / healthy kids probiotic choc balls 50s
philips / colon health
CustomProbiotics.com / L. Rhamnosus Probiotic Powder
Metabolics / Lactobacillus Acidophilus
Schwabe Pharma Italia / EnteroDophilus
Bromatech (IT) / Milonet
natren / bifido factor
PharmExtracta (IT) / INatal Sachets
NaturalPharma / Profit Probiotics
custom probiotics / b. lactis & b. bifidum probiotic powder
jarrow formulas / jarro-dophilus mood
SuperSmart / Derma Relief
optibac / bifidobacteria & fibre
nature's way (au) / restore probiotic choc balls 60s
RepHresh /Pro-B Probiotic Supplement for Women
Bromatech (IT) / Adomelle
Bromatech (IT) / Citogenex

HLH BIOPHARMA(DE) / LACTOBACT ® FORTE
ImmuneBiotech Medical Sweden AB / GutMagnific®
Nutrition Essentials / Probiotic (900 BCFU)
Metabolics / Bifidobacterium Bifidum Powder
wakamoto (jp) / strong wakamoto w
bioflorin (deu) / bioflorin
solgar / advanced acidophilus plus
Metabolics / Lactobacillus Salivarius Powder
naturopathica (au)/ gastrohealth probiotic daily care
spain (es) / ns florabiotic instant
optibac / for women
quality health (au) / fridge free* probiotic 60s
jarrow formulas / fem-dophilus®
anabolic laboratories / probiotic complete
Genesis Bifidobacterium Complex BB Probiotic
trubiotics / one a day

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.

bacillus licheniformis,(probiotics)

bacillus subtilis (probiotics)

Moringa Oleifera

quercetin, resveratrol

resistant starch

resveratrol (grape seed/polyphenols/red wine)

Sample of Literature Used

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

Ketogenic Diet Has Moderate Effects on the Fecal Microbiota of Wild-Type Mice.

Nutrients , Volume: 15 Issue: 21 2023 Oct 31

Authors Rohwer N,El Hage R,Smyl C,Ocvirk S,Goris T,Grune T,Swidsinski A,Weylandt KH

Salidroside alleviates dextran sulfate sodium-induced colitis in mice by modulating the gut microbiota.

Food & function , 2023 Jul 28

Authors Liu J,Cai J,Fan P,Dong X,Zhang N,Tai J,Cao Y

Ursolic acid regulates gut microbiota and corrects the imbalance of Th17/Treg cells in T1DM rats.

PloS one , Volume: 17 Issue: 11 2022

Authors Chen W,Yu Y,Liu Y,Song C,Chen H,Tang C,Song Y,Zhang X

Dietary γ -Aminobutyric Acid Supplementation Inhibits High-Fat Diet-Induced Hepatic Steatosis via Modulating Gut Microbiota in Broilers.

Microorganisms , Volume: 10 Issue: 7 2022 Jun 24

Authors Chen Q,Hu D,Wu X,Feng Y,Ni Y

Dietary Moringa oleifera leaf powder improves jejunal permeability and digestive function by modulating the microbiota composition and mucosal immunity in heat stressed rabbits.

Environmental science and pollution research international , Volume: 29 Issue: 53 2022 Nov

Authors Khalid AR,Yasoob TB,Zhang Z,Zhu X,Hang S

Crude Polysaccharide Extracted From Moringa oleifera Leaves Prevents Obesity in Association With Modulating Gut Microbiota in High-Fat Diet-Fed Mice.

Frontiers in nutrition , Volume: 9 2022

Authors Li L,Ma L,Wen Y,Xie J,Yan L,Ji A,Zeng Y,Tian Y,Sheng J

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

Dietary supplementation of gingerols- and shogaols-enriched ginger root extract attenuate pain-associated behaviors while modulating gut microbiota and metabolites in rats with spinal nerve ligation.

The Journal of nutritional biochemistry , 2021 Nov 5

Authors Shen CL,Wang R, Ji G,Elmassry MM,Zabet-Moghaddam M,Vellers H,Hamood AN,Gong X,Mirzaei P,Sang S,Neugebauer V

Selenium-Enriched Lactobacillus acidophilus Ameliorates Dextran Sulfate Sodium-Induced Chronic Colitis in Mice by Regulating Inflammatory Cytokines and Intestinal Microbiota.

Frontiers in medicine , Volume: 8 2021

Authors Wu Z,Pan D,Jiang M,Sang L,Chang B

Effects of colon-targeted vitamins on the composition and metabolic activity of the human gut microbiome- a pilot study.

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

Authors Pham VT,Fehlbaum S,Seifert N,Richard N,Bruins MJ,Sybesma W,Rehman A,Steinert RE

Effects of Banana Resistant Starch on the Biochemical Indexes and Intestinal Flora of Obese Rats Induced by a High-Fat Diet and Their Correlation Analysis.

Frontiers in bioengineering and biotechnology , Volume: 9 2021

Authors Fu J,Wang Y,Tan S,Wang J

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

Bifidobacterium bifidum TMC3115 ameliorates milk protein allergy in by affecting gut microbiota: A randomized double-blind control trial.

Journal of food biochemistry , Volume: 44 Issue: 11 2020 Nov

Authors Jing W,Liu Q,Wang W

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

Immunomodulatory and Prebiotic Effects of 2'-Fucosyllactose in Suckling Rats.

Frontiers in immunology , Volume: 10 2019

Authors Azagra-Boronat I,Massot-Cladera M,Mayneris-Perxachs J,Knipping K, Van `t Land B,Tims S,Stahl B,Garssen J,Franch À, Castell M,Rodríguez-Lagunas MJ,Pérez-Cano FJ

Spent Coffee Grounds Extract, Rich in Mannooligosaccharides, Promotes a Healthier Gut Microbial Community in a Dose-Dependent Manner.

Journal of agricultural and food chemistry , Volume: 67 Issue: 9 2019 Mar 6

Authors Pérez-Burillo S, Pastoriza S, Fernández-Arteaga A, Luzón G, Jiménez-Hernández N, D`Auria G, Francino MP, Rufián-Henares JÁ

Supplemental Bacillus subtilis DSM 32315 manipulates intestinal structure and microbial composition in broiler chickens.

Scientific reports , Volume: 8 Issue: 1 2018 Oct 18

Authors Ma Y, Wang W, Zhang H, Wang J, Zhang W, Gao J, Wu S, Qi G

Fiber Supplements Derived From Sugarcane Stem, Wheat Dextrin and Psyllium Husk Have Different <i>In Vitro</i> Effects on the Human Gut Microbiota.

Frontiers in microbiology , Volume: 9 2018

Authors Gamage HKAH, Tetu SG, Chong RWW, Bucio-Noble D, Rosewarne CP, Kautto L, Ball MS, Molloy MP, Packer NH, Paulsen IT

Oral hydroxysafflor yellow A reduces obesity in mice by modulating the gut microbiota and serum metabolism.

Pharmacological research , 2018 May 19

Authors Liu J, Yue S, Yan Z, Feng W, Meng X, Wang A, Peng C, Wang C, Yan D

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

Microbial diversity and composition in different gut locations of hyperlipidemic mice receiving krill oil.

Applied microbiology and biotechnology , Volume: 102 Issue: 1 2018 Jan

Authors Lu C, Sun T, Li Y, Zhang D, Zhou J, Su X

Modulating Effects of Dicafeoylquinic Acids from Ilex kudingcha on Intestinal Microecology in Vitro.

Journal of agricultural and food chemistry , Volume: 65 Issue: 47 2017 Nov 29

Authors Xie M, Chen G, Wan P, Dai Z, Hu B, Chen L, Ou S, Zeng X, Sun Y

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

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

Oral supplementation with L-glutamine alters gut microbiota of obese and overweight adults: A pilot study.

Nutrition (Burbank, Los Angeles County, Calif.) , Volume: 31 Issue: 6 2015 Jun

Authors de Souza AZ, Zamboni AZ, Abboud KY, Reis SK, Tannihão F, Guadagnini D, Saad MJ, Prada PO

Synbiotic Lactobacillus acidophilus NCFM and cellobiose does not affect human gut bacterial diversity but increases abundance of lactobacilli, bifidobacteria and branched-chain fatty acids: a randomized, double-blinded cross-over trial.

FEMS microbiology ecology , Volume: 90 Issue: 1 2014 Oct

Authors van Zanten GC, Krych L, Røytö H, Forssten S, Lahtinen SJ, Abu Al-Soud W, Sørensen S, Svensson B, Jespersen L, Jakobsen M

Oligofructose and long-chain inulin: influence on the gut microbial ecology of rats associated with a human faecal flora.

The British journal of nutrition , Volume: 86 Issue: 2 2001 Aug

Authors Kleessen B, Hartmann L, Blaut M

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

Animal Feed Science and Technology , Volume: 201 2015 Mar

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

Curated database of commensal, symbiotic and pathogenic microbiota

Generative Bioinformatics , Volume: Issue: 2014 Jun

Authors D'Adamo Peter

Additional APriori Analysis Available

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

Abdominal Aortic Aneurysm

Acne

ADHD

Age-Related Macular Degeneration and Glaucoma

Allergic Rhinitis (Hay Fever)
Allergies
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
Bipolar Disorder
Brain Trauma
Breast Cancer
Carcinoma
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
Colorectal Cancer
Constipation
Coronary artery disease
COVID-19
Crohn's Disease
cystic fibrosis
deep vein thrombosis
Depression
Dermatomyositis
Eczema
Endometriosis
Eosinophilic Esophagitis
Epilepsy
erectile dysfunction
Fibromyalgia
Functional constipation / chronic idiopathic constipation
gallstone disease (gsd)
Gastroesophageal reflux disease (Gerd) including Barrett's esophagus
Generalized anxiety disorder
Gout
Graves' disease
Hashimoto's thyroiditis
Heart Failure
Hidradenitis Suppurativa
Histamine Issues,Mast Cell Issue, DAO Insufficiency
hypercholesterolemia (High Cholesterol)
hyperglycemia
Hyperlipidemia (High Blood Fats)
hypersomnia
hypertension (High Blood Pressure)
Hypoxia

IgA nephropathy (IgAN)
Inflammatory Bowel Disease
Insomnia
Intelligence
Intracranial aneurysms
Irritable Bowel Syndrome
Juvenile idiopathic arthritis
Liver Cirrhosis
Long COVID
Low bone mineral density
Lung Cancer
ME/CFS with IBS
ME/CFS without IBS
Menopause
Metabolic Syndrome
Mood Disorders
Multiple Sclerosis
Multiple system atrophy (MSA)
myasthenia gravis
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
Polycystic ovary syndrome
Postural orthostatic tachycardia syndrome
Premenstrual dysphoric disorder
primary biliary cholangitis
Psoriasis
rheumatoid arthritis (RA),Spondyloarthritis (SpA)
Rosacea
Schizophrenia
scoliosis
sensorineural hearing loss
Sjögren syndrome
Sleep Apnea
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