

Microbiome Information for: Carcinoma

For prescribing Medical professionals Review

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

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

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

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

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

In the USA

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

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

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

Analysis Provided by Microbiome Prescription

A Microbiome Analysis Company

892 Lake Samish Rd, Bellingham WA 98229

Email: Research@MicrobiomePrescription.com

[Our Facebook Discussion Page](#)

Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of Carcinoma

Nota Bena: Many studies are done with a small sample size or mixtures of condition subsets which can greatly diminish the ability to detect bacteria shifts.

Bacteria Name	Rank	Shift	Taxonomy ID	Bacteria Name	Rank	Shift	Taxonomy ID
Acinetobacter	genus	High	469	Mycoplasma	genus	High	2093
Anaerostipes	genus	Low	207244	Nocardia	genus	High	1817
Anaerotruncus	genus	Low	244127	Oscillibacter	genus	High	459786
Bifidobacterium	genus	High	1678	Paludibacter	genus	High	346096
Bilophila	genus	High	35832	Parvimonas	genus	High	543311
Blautia	genus	Low	572511	Paucibacter	genus	High	318147
Catabacter	genus	High	270497	Porphyromonas	genus	High	836
Coprobacillus	genus	High	100883	Prevotella	genus	High	838
Corynebacterium	genus	Low	1716	Rhodococcus	genus	High	1827
Eggerthella	genus	High	84111	Slackia	genus	High	84108
Escherichia	genus	High	561	Staphylococcus	genus	High	1279
Eubacterium	genus	High	1730	Streptococcus	genus	High	1301
Fusobacterium	genus	High	848	Veillonella	genus	High	29465
Haemophilus	genus	High	724	Enterobacterales	order	High	91347
Intestinibacter	genus	High	1505657	Anaerobutyricum hallii	species	Low	39488
Klebsiella	genus	High	570	Candida albicans	species	High	5476
Lachnospirillum	genus	High	1506553	Fusobacterium nucleatum	species	High	851
Lactobacillus	genus	High	1578	Lachnospiraceae bacterium	species	Low	1898203
Lactococcus	genus	High	1357	Porphyromonas catoniae	species	High	41976
Ligilactobacillus	genus	High	2767887	Porphyromonas endodontalis	species	High	28124
Mitsuokella	genus	High	52225	Porphyromonas gingivalis	species	High	837
Mogibacterium	genus	High	86331	Prevotella melaninogenica	species	High	28132

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.

(2->1)-beta-D-fructofuranan {Inulin}	32 gram/day	Malus domestica {apple}	
Abstention from eating {Fasting}		oligosaccharides {oligosaccharides}	
arabinogalactan {arabinogalactan}	21 gram/day	Outer Layers of Triticum aestivum {Wheat Bran}	
Avena sativa {Oats}		pectin {pectin}	
Avena sativa x Hordeum vulgare {barley,oat}		polyphenols	3 gram/day
bacillus subtilis {B.Subtilis }	10 BCFU/day	proton-pump inhibitors (prescription)	60 mg/day
Bovine Milk Products {Dairy}		pseudo-cereals {amaranth,quinoa, taro,buckwheat}	
dietary fiber		red wine	250 ml/day
Fiber, total dietary		resistant starch	
fructo-oligosaccharides	15 gram/day	Slow digestible carbohydrates. {Low Glycemic}	
fruit		β-glucan {Beta-Glucan}	500 mg/day
fruit/legume fibre		synthetic disaccharide derivative of lactose {Lactulose}	
Galacto-oligosaccharides {GOS}		Tobacco consumption {Smoking}	
Hordeum vulgare {Barley}	60 gram/day	Traditional Mediterranean diet {Mediterranean diet}	
Human milk oligosaccharides (prebiotic, Holigos, Stachyose)	2 gram/day	wheat	
Lactobacillus plantarum {L. plantarum}	60 BCFU/day	whole-grain diet	
long-term, moderate-intensity exercise {exercise}		β-lactoglobulin {Whey}	60 gram/day

Retail Probiotics

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

probiotic pur (de) / realdose nutrition
 theramedix / probiotic
 jarrow formula / ideal bowel support® lp299v®
 jarrow formulas / bifidus balance® + fos
 naturopathica (au) / gastrohealth probiotic dairy free 50 billion
 naturopathica (au) / gastrohealth probiotic dairy free 20 bcfu
 nature's way (au) / restore probiotic bowel & colon health 30s
 Bio Schwartz / Advance Strength Probiotics (40 BCFU)
 Realdose
 garden of life / primal defense
 Physician Choice / 60 Billion Probiotics
 Next Generation
 natviehealthcare.com / Renewbiome Bacillus
 natviehealthcare.com / Renewbiome Mega
 Garden of Life / Dr. Formulated Once Daily Women's
 Nutrition Essentials / Probiotic (900 BCFU)
 hyperbiotics / pro-15
 jarrow formula / jarro-dophilus original
 Windlove Probiotics / Ecologic®825
 Jetson / FIT
 Jetson (US) / Mood Probiotics
 Jetson / Gut Prep
 ASEA VIA / BIOME
 Seeking Health / Probiota HistaminX
 CustomProbiotics.com / L. Plantarum Probiotic Powder
 HLH BIOPHARMA(DE) / LACTOBACT ® PREMIUM
 HLH BIOPHARMA(DE) / LACTOBACT ® 60PLUS
 HLH BIOPHARMA(DE) / LACTOBACT ® LDL-CONTROL
 OMNI-BIOTIC®/ 10 AAD
 OMNI-BIOTIC®/ TRAVEL
 Thryve Inside/ L.Reu,Rham,Casi; B.Lactis
 7 AM Ultra Probiotics
 LiveWell Nutrition / Pro-45
 Physis / Advance Probiotics
 Swiss BioEnergetics / Full Spectrum Probiotic Defence
 NaturalPharma / Profit Probiotics
 Advanced Bio-Cultures / Advance Multi Strain Probiotics
 Prescript-Assist®/SBO Probiotic
 Metabolics / Lactobacillus Plantarum Powder
 Invivo / Bio.Me Femme UT
 ImmuneBiotech Medical Sweden AB / GutMagnific®
 Bromatech (IT) / Adomelle
 Bromatech (IT) / Lautoselle
 Bromatech (IT) / Serobiome
 Smidge / Sensitive Probiotic
 Ombre / Mood Enhancer
 Ombre / Healthy Gut
 Ombre / Heart Health
 Ombre / Ultimate Immunity
 INVIVO THERAPEUTICS / Bio.Me IB +
 BIO-BOTANICAL RESEARCH / Megacidin
 Krauterhaus / Lactopro
 Dr. Mercola / Complete Probiotics
 Lake Avenue Nutrition / Probiotics 10 Strain Blend

MegaFood / MegaFlora
ProbioMax® Daily DF
Resbiotic / resB® Lung Support
Energybalance / ColoBiotica 28 Colon Support
SuperSmart / Probio Forte
SuperSmart / Bacillus Subtilis
SuperSmart / Full Spectrum Probiotic Formula
SuperSmart / Candalb
SuperSmart / Derma Relief
SuperSmart / Lactobacillus Plantarum Postbiotic (Pasturerized)
SuperSmart / Lactoxira
ISCON Elegance/ Ochek Capsule 10
Bromatech(IT) / FEMELLE
Northwest Natural Products / PB8
Law of Nature / Best Days Formula
Floradapt Cardio
Floradapt Gut Comfort
HMF Metabolic
Immune Defense Daily Chewable Probiotic
Nature's Lab Cardio
Nature's Lab Intensive GI
Purica Probiotic Cardio
Purica Probiotic Intensive GI
Symprove™
UltraFlora® Immune Booster
UltraFlora® Intensive Care
Maple Life Science™ / Lactobacillus plantarum
Wakunaga / Max Probiotic
Bioflora (Mx) / BIOFLORA / 30 BILLION 10 strains
Bulk Probiotics / L. Plantarum Probiotic Powder
Bulk Probiotics / Bacillus Subtilis Probiotic
nature's way (au) / restore probiotic 100 billion
nature's way (au) / restore probiotic daily health 90s
nature's way (au) / restore probiotic 30 billion 30s
blackmores (au) / probiotics + adults daily (90 capsules)
blackmores (au) / probiotics+ immune defence
blackmore (au) / probiotics+ bowel support
blackmore (au) / probiotics+ eczema relief
blackmore (au) / probiotics+ daily health
bioglan bio (au) / happy probiotic 100
bioglan bio (au) / happy probiotic 50
jarrow formulas / jarro-dophilus® ultra
newrhythm / probiotics 20 stains
corebiotic
naturopathica (au) / gastrohealth fibrepro
naturopathica (au) / gastrohealth probiotic ultimate daily care 100billion
biospec / probiotic-5
zint nutrition / probiotic collagen +
bio-botanical research / proflora4r restorative probiotic
reserveage nutrition / beautiflora
elixa / probiotic
amy meyers / primal earth probiotic
1 md / complete probiotics platinum
renew life / ultimate flora
microbiome labs / hu58
microbiome labs / restorflora
organic 3 / gutpro
organic 3 / primal gut

organic 3 / primal soil
powerlabs (au) / ultra blend
up4 / ultra
up4 / adult
up4 / women's
douglas laboratories / multi probiotic 40 billion
vinco / probiotic eight 65
custom probiotics / four strain lactobacilli
custom probiotics / six strain probiotic powder
renew life men's probiotic - ultimate
lifted naturals / mood boosting probiotic
aor / probiotic-3
vita miracle / ultra-30 probiotics
global health trax / threelac
bioray / cytoflora
seed / female version
seed / male version
vitamin angels / just thrive
microbiome labs/ megasporebiotic
perfect pass / perfect pass probiotic bacillus spore
quantum wellness / restora flora
enviromedica terraflora sbo probiotic
nature's instincts / ultra spore probiotic
nature's bounty / probioti 10
solaray / mycrobioime probiotic colon formula
mwsb / candida yeast support
ferring / vsl#3
fairvital / microflora basic
fürstenmed / lacto-bifido
jarrow formulas / jarro-dophilus eps
udo's choice /super 8 gold
klaire labs / biospora
spain (es) / l3.1
spain (es) / vivomixx
goodbelly drink
visbiome
young living/life 9
optibac / for every day
optibac / for your cholesterol
optibac / bifidobacteria & fibre

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.

allium sativum {garlic}	Honey {Honey }
amikacin	imipenem
amoxicillin [CFS]	Menta × piperita {peppermint}
ampicillin [CFS]	meropenem
Azadirachta indica {Neem}	Metha family {Mint}
azithromycin,[CFS]	minocycline [CFS]
benzylpenicillin sodium (antibiotic)	Nigella sativa {black cumin}
cefotaxime sodium salt (antibiotic)	Ocimum tenuiflorum {Tulsi}
ceftazidime	Olea europaea {Olive leaf}
chlorhexidine	origanum vulgare {oregano}
Cinnamomum zeylanicum {Ceylon Cinnamon}	piperacillin-tazobactam
ciprofloxacin [CFS]	Pistacia lentiscus {mastic gum}
clindamycin [CFS]	Propolis {Bee glue}
Cymbopogon citratus {Lemongrass}	rosmarinus officinalis {rosemary}
D-(-)-Fructose {Fruit sugar}	tetracycline
Diferuloylmethane {Curcumin}	Thymus vulgaris {thyme}
doxycycline [CFS]	tobramycin
eugenol {Eugenic acid}	trimethoprim
fluoroquinolone	Vaccinium {Cranberry}
gentamicin	Zingiber officinale Roscoe {ginger}

Sample of Literature Used

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

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Abdominal Aortic Aneurysm

Acne

Addison's Disease (hypocortisolism)

ADHD

Age-Related Macular Degeneration and Glaucoma

Allergic Rhinitis (Hay Fever)

Allergies

Allergy to milk products

Alopecia (Hair Loss)

Alzheimer's disease

Amyotrophic lateral sclerosis (ALS) Motor Neuron

Ankylosing spondylitis

Anorexia Nervosa

Antiphospholipid syndrome (APS)

Asthma

Atherosclerosis

Atrial fibrillation

Autism

Autoimmune Disease

Barrett esophagus cancer

benign prostatic hyperplasia

Biofilm

Bipolar Disorder

Brain Trauma

Breast Cancer

Cancer (General)

Carcinoma

cdkl5 deficiency disorder

Celiac Disease

Cerebral Palsy

Chronic Fatigue Syndrome

Chronic Kidney Disease

Chronic Lyme

Chronic Obstructive Pulmonary Disease (COPD)

Chronic Urticaria (Hives)

Coagulation / Micro clot triggering bacteria

Cognitive Function

Colorectal Cancer

Constipation

Coronary artery disease

COVID-19

Crohn's Disease

Cushing's Syndrome (hypercortisolism)

cystic fibrosis

d-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