

Microbiome Information for: Carcinoma

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 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

[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
Lachnospiraceae bacterium	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.

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

Retail Probiotics

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

theramedix / probiotic
 jarow formulas / bifidus balance® + fos
 Realdose
 garden of life / primal defense
 probiotic pur (de) / realdose nutrition
 nature's way (au) / restore probiotic bowel & colon health 30s
 jarow formula / ideal bowel support® lp299v®
 Physician Choice / 60 Billion Probiotics
 naturopathica (au) / gastrohealth probiotic dairy free 20 bcfu
 Bio Schwartz / Advance Strength Probiotics (40 BCFU)
 Next Generation
 naturopathica (au) / gastrohealth probiotic dairy free 50 billion
 SuperSmart / Probio Forte
 organic 3 / gutpro
 Northwest Natural Products / PB8
 UltraFlora® Intensive Care
 OMNI-BIOTIC®/ TRAVEL
 global health trax / threelac
 nature's way (au) / restore probiotic 30 billion 30s
 Law of Nature / Best Days Formula
 organic 3 / primal gut
 Floradapt Cardio
 Physis / Advance Probiotics
 bio-botanical research / profiora4r restorative probiotic
 blackmore (au) / probiotics+ daily health
 Dr. Mercola / Complete Probiotics
 Garden of Life / Dr. Formulated Once Daily Women's
 vinco / probiotic eight 65
 nature's instincts / ultra spore probiotic
 Purica Probiotic Cardio
 hyperbiotics / pro-15
 nature's way (au) / restore probiotic 100 billion
 seed / male version
 solaray / mycrobome probiotic colon formula
 Maple Life Science™ / Lactobacillus plantarum
 lifted naturals / mood boosting probiotic
 bioglan bio (au) / happy probiotic 50
 HLH BIOPHARMA(DE) / LACTOBACT ® LDL-CONTROL
 powerlabs (au) / ultra blend
 Bromatech (IT) / Serobiome
 biospec / probiotic-5
 corebiotic
 HMF Metabolic
 blackmores (au) / probiotics+ immune defence
 CustomProbiotics.com / L. Plantarum Probiotic Powder
 Ombre / Healthy Gut
 ISCON Elegance/ Ochek Capsule 10
 1 md / complete probiotics platinum
 UltraFlora® Immune Booster
 Nutrition Essentials / Probiotic (900 BCFU)
 OMNI-BIOTIC®/ 10 AAD
 up4 / women's
 young living / life 9
 Bromatech (IT) / Adomelle

nature's bounty / probioti 10
mwsb / candida yeast support
microbiome labs/ megasporebiotic
optibac / bifidobacteria & fibre
klaire labs / biospora
SuperSmart / Derma Relief
fairvital / microflora basic
Energybalance / ColoBiotica 28 Colon Support
Wakunaga / Max Probiotic
MegaFood / MegaFlora
microbiome labs / hu58
Invivo / Bio.Me Femme UT
blackmore (au) / probiotics+ bowel support
perfect pass / perfect pass probiotic bacillus spore
NaturalPharma / Profit Probiotics
goodbelly drink
enviromedica terraflora sbo probiotic
Jetson (US) / Mood Probiotics
Ombre / Heart Health
Symprove™
seed / female version
jarrow formulas / jarro-dophilus® ultra
custom probiotics / six strain probiotic powder
ImmuneBiotech Medical Sweden AB / GutMagnific®
HLH BIOPHARMA(DE) / LACTOBACT ® 60PLUS
visbiome
Bulk Probiotics / Bacillus Subtilis Probiotic
Immune Defense Daily Chewable Probiotic
fürstenmed / lacto-bifido
Swiss BioEnergetics / Full Spectrum Probiotic Defence
Bulk Probiotics / L. Plantarum Probiotic Powder
spain (es) / I3.1
Bromatech (IT) / Lautoselle
renew life men's probiotic - ultimate
ferring / vsl#3
Resbiotic / resB® Lung Support
SuperSmart / Full Spectrum Probiotic Formula
jarrow formulas / jarro-dophilus eps
naturopathica (au) / gastrohealth fibrepro
blackmore (au) / probiotics+ eczema relief
7 AM Ultra Probiotics
quantum wellness / restora flora
Jetson / FIT
Seeking Health / Probiota HistaminX
optibac / for every day
Prescript-Assist®/SBO Probiotic
Thryve Inside/ L.Reu,Rham,Casi; B.Lactis
vita miracle / ultra-30 probiotics
Nature's Lab Intensive GI
SuperSmart / Lactoxira
douglas laboratories / multi probiotic 40 billion
Ombre / Mood Enhancer
BIO-BOTANICAL RESEARCH / Megacidin
reserveage nutrition / beautiflora
amy meyers / primal earth probiotic
Jetson / Gut Prep
up4 / adult
Bioflora (Mx) / BIOFLORA / 30 BILLION 10 strains

ProbioMax® Daily DF
SuperSmart / Lactobacillus Plantarum Postbiotic (Pasturized)
organic 3 / primal soil
Floradapt Gut Comfort
SuperSmart / Bacillus Subtilis
bioglan bio (au) / happy probiotic 100
newrhythm / probiotics 20 stains
blackmores (au) / probiotics + adults daily (90 capsules)
Lake Avenue Nutrition / Probiotics 10 Strain Blend
Windlove Probiotics / Ecologic®825
ASEA VIA / BIOME
jarrow formula / jarro-dophilus original
aor / probiotic-3
vitamin angels / just thrive
nature's way (au) / restore probiotic daily health 90s
Bromatech(IT) / FEMELLE
HLH BIOPHARMA(DE) / LACTOBACT ® PREMIUM
SuperSmart / Candalb
custom probiotics / four strain lactobacilli
naturopathica (au) / gastrohealth probiotic ultimate daily care 100billion
udo's choice / super 8 gold
microbiome labs / restorflora
zint nutrition / probiotic collagen +
Smidge / Sensitive Probiotic
Krauterhaus / Lactopro
LiveWell Nutrition / Pro-45
Metabolics / Lactobacillus Plantarum Powder
Nature's Lab Cardio
spain (es) / vivomixx
Advanced Bio-Cultures / Advance Multi Strain Probiotics
INVIVO THERAPEUTICS / Bio.Me IB +
elixa / probiotic
Ombre / Ultimate Immunity
bioray / cytoflora
Purica Probiotic Intensive GI
renew life / ultimate flora
up4 / ultra
optibac / for your cholesterol

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}
Azadirachta indica {Neem}
chlorhexidine
Cinnamomum zeylanicum {Ceylon Cinnamon}
Cymbopogon citratus {Lemongrass}
D-(-)-Fructose {Fruit sugar}
Diferuloylmethane {Curcumin}
eugenol {Eugenic acid}
Honey {Honey }
Menta × piperita {peppermint}

Metha family {Mint}
Nigella sativa {black cumin}
Ocimum tenuiflorum {Tulsi}
Olea europaea {Olive leaf}
origanum vulgare {oregano}
Pistacia lentiscus {mastic gum}
Propolis {Bee glue}
rosmarinus officinalis {rosemary}
Thymus vulgaris {thyme}
Vaccinium {Cranberry}
Zingiber officinale Roscoe {ginger}

Sample of Literature Used

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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