

Supplementary table S1: Detailed overview of amount of experiments linking diseases to oral microbiome alterations.

Disease	Amount of experiments
Oral health	894
<i>Periodontal disease</i>	458
<i>Aphthous stomatitis</i>	6
<i>Aphthous ulcer</i>	24
<i>Caries</i>	238
<i>Halitosis</i>	42
<i>Edentulism</i>	59
<i>Denture Stomatitis</i>	5
<i>Extrinsic black stain</i>	9
<i>Oral leukoplakia</i>	14
<i>Oral lichen planus</i>	35
<i>Recurrent aphthous stomatitis</i>	4
Neuropsychiatric	113
Alcoholism	12
Autism spectrum disorders	39
Schizophrenia	8
Parkinson's Disease	54
Gastro-intestinal	135
Appendicitis	1
Autoimmune hepatitis	2
Celiac Disease, Coeliac disease	25
Cirrhosis	21
Cirrhosis with pneumonia	10
Ulcerative Colitis	13
Refractory celiac disease	10
Hepatic encephalopathy	8
Eosinophilic esophagitis	10
Primary biliary cholangitis	3
Crohn's Disease	28
Primary sclerosing cholangitis	4
Others	78
<u>Airway disease</u>	
Asthma	13
Chronic Obstructive Pulmonary Disease	16
<u>Cardiovascular</u>	
Atherosclerosis	2

<u>Gynaecological</u>		
	Polycystic Ovary Syndrome	1
<u>Kidney diseases</u>		
	Chronic kidney disease	11
<u>Oftalmological</u>		
	Macular degeneration	11
	Primary Open-Angle Glaucoma	1
<u>Hemotological diseases</u>		
	Iron-deficiency anaemia	10
<u>Dermatological</u>		
	Palmoplantar pustulosis	4
	Psoriasis	9
Congenital		
	Down syndrome	8
	Cleft palate	2
	Cystic Fibrosis	33
	Severe congenital neutropenia	4
	Hutchinson-Gilford progeria syndrome	2
Cancer		164
	Tongue cancer	6
	Oral cancer	28
	Pancreatic cancer	12
	Pancreatic head cancer	20
	Kaposi's sarcoma	7
	Lung cancer	4
	Oropharyngeal cancer	22
	Hypopharyngeal cancer	23
	Head/Neck cancer	13
	Hepatocellular cancer	13
	Gastric carcinoma	2
	Colorectal cancer	11
	Esophageal cancer	3
Endocrine disease		166
	Autoimmune polyendocrine syndrome	34
	type 1	
	Type 2 Diabetes	52
	Obesity	73
	Hyperglycemia	7
Rheumatological-inflammatory		197
	Behcet's Disease	23
	Sjögren Syndrome	59

Systemic lupus erythematosus	25
Rheumatoid Arthritis	45
Henoch-Schönlein Purpura	6
Sicca syndrome	37
Orofacial granulomatosis	2
Infectious diseases	80
Chagas' disease	5
Meningococcal disease	7
Neisseria gonorrhoeae infection	11
HIV infection	12
Hepatitis B	9
Helicobacter pylori infection	15
H7N9	10
Influenza A	11