

Insights Into the Role of the Microbiome in Obesity and

Diabetes Care

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The intestinal microbiome and health. <i>Current Opinion in Infectious Diseases</i> , 2015, 28, 464-470.	1.3	136
2	Plasma metabolomic biomarkers of mixed nuts exposure inversely correlate with severity of metabolic syndrome. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 2480-2490.	1.5	44
3	Bariatric surgery, lipoprotein metabolism and cardiovascular risk. <i>Current Opinion in Lipidology</i> , 2015, 26, 317-324.	1.2	15
4	New-found link between microbiota and obesity. <i>World Journal of Gastrointestinal Pathophysiology</i> , 2015, 6, 110.	0.5	313
5	The Gut Microflora and its Metabolites Regulate the Molecular Crosstalk between Diabetes and Neurodegeneration. <i>Journal of Diabetes & Metabolism</i> , 2015, 06, .	0.2	2
6	Impact of Cadmium Exposure on the Association between Lipopolysaccharide and Metabolic Syndrome. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 11396-11409.	1.2	14
7	PCBP2 regulates hepatic insulin sensitivity via HIF-1 α and STAT3 pathway in HepG2 cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 116-122.	1.0	11
8	Beneficial Microorganisms in Food and Nutraceuticals. <i>Microbiology Monographs</i> , 2015, , .	0.3	12
9	The gut microbiota in human energy homeostasis and obesity. <i>Trends in Endocrinology and Metabolism</i> , 2015, 26, 493-501.	3.1	350
10	Nutritional systems biology of type 2 diabetes. <i>Genes and Nutrition</i> , 2015, 10, 481.	1.2	26
11	Microbe-based approaches for the treatment of diabetes. <i>Diabetes Management</i> , 2015, 5, 139-142.	0.5	1
12	Role of Intestinal Microbiome in Lipid and Glucose Metabolism in Diabetes Mellitus. <i>Clinical Therapeutics</i> , 2015, 37, 1172-1177.	1.1	46
13	GLP-1R Agonists Modulate Enteric Immune Responses Through the Intestinal Intraepithelial Lymphocyte GLP-1R. <i>Diabetes</i> , 2015, 64, 2537-2549.	0.3	172
14	Probiotic B420 and prebiotic polydextrose improve efficacy of antidiabetic drugs in mice. <i>Diabetology and Metabolic Syndrome</i> , 2015, 7, 75.	1.2	49
15	Short-chain fatty acids in control of body weight and insulin sensitivity. <i>Nature Reviews Endocrinology</i> , 2015, 11, 577-591.	4.3	1,484
16	Status of <i>Diabetes Care</i> : New Challenges, New Concepts, New Measures—Focusing on the Future!. <i>Diabetes Care</i> , 2015, 38, 1177-1180.	4.3	5
17	Current management of diabetes mellitus and future directions in care. <i>Postgraduate Medical Journal</i> , 2015, 91, 612-621.	0.9	54
18	Interactions between Gut Microbiota, Host Genetics and Diet Modulate the Predisposition to Obesity and Metabolic Syndrome. <i>Cell Metabolism</i> , 2015, 22, 516-530.	7.2	433

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20	The New Era of Treatment for Obesity and Metabolic Disorders: Evidence and Expectations for Gut Microbiome Transplantation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 15.	1.8	60
21	Characterization of the Gut Microbiome Using 16S or Shotgun Metagenomics. <i>Frontiers in Microbiology</i> , 2016, 7, 459.	1.5	659
22	Phenylketonuria and Gut Microbiota: A Controlled Study Based on Next-Generation Sequencing. <i>PLoS ONE</i> , 2016, 11, e0157513.	1.1	52
23	Effects of Gut Microbiota Manipulation by Antibiotics on Host Metabolism in Obese Humans: A Randomized Double-Blind Placebo-Controlled Trial. <i>Cell Metabolism</i> , 2016, 24, 63-74.	7.2	278
24	Imbalance of Gastrointestinal Microbiota in the Pathogenesis of <i>Helicobacter pylori</i> -Associated Diseases. <i>Helicobacter</i> , 2016, 21, 337-348.	1.6	43
25	Early Microbe Contact and Obesity Risk. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 63, S1-2.	0.9	48
27	Biological Mechanisms for the Effect of Obesity on Cancer Risk: Experimental Evidence. <i>Recent Results in Cancer Research</i> , 2016, 208, 219-242.	1.8	9
28	Analysis and Interpretation of the Human Microbiome. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 1713-1722.	0.9	12
29	The developing hypopharyngeal microbiota in early life. <i>Microbiome</i> , 2016, 4, 70.	4.9	46
30	The Gut Bacteria-Driven Obesity Development. <i>Digestive Diseases</i> , 2016, 34, 221-229.	0.8	53
31	A bug's view of allergic airways disease. <i>Paediatric Respiratory Reviews</i> , 2016, 19, 69-74.	1.2	2
32	Biological plausibility linking sleep apnoea and metabolic dysfunction. <i>Nature Reviews Endocrinology</i> , 2016, 12, 290-298.	4.3	107
33	The Role of the Gut Microbiota in Childhood Obesity. <i>Childhood Obesity</i> , 2016, 12, 292-299.	0.8	35
34	Reply to: High-Fat Diet-Induced Dysbiosis as a Cause of Neuroinflammation. <i>Biological Psychiatry</i> , 2016, 80, e5-e6.	0.7	5
35	Urinary metabolomic profiling in mice with diet-induced obesity and type 2 diabetes mellitus after treatment with metformin, vildagliptin and their combination. <i>Molecular and Cellular Endocrinology</i> , 2016, 431, 88-100.	1.6	34
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39	The Gut Microbiome as Therapeutic Target in Central Nervous System Diseases: Implications for Stroke. <i>Neurotherapeutics</i> , 2016, 13, 762-774.	2.1	89

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41	Importance of propionate for the repression of hepatic lipogenesis and improvement of insulin sensitivity in high-fat diet-induced obesity. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2611-2621.	1.5	121
42	Metabolic Complications and Glucose Metabolism in HIV Infection: A Review of the Evidence. <i>Current HIV/AIDS Reports</i> , 2016, 13, 289-296.	1.1	103
43	Diet and Gut Microbial Function in Metabolic and Cardiovascular Disease Risk. <i>Current Diabetes Reports</i> , 2016, 16, 93.	1.7	28
44	Altered Transport and Metabolism of Phenolic Compounds in Obesity and Diabetes: Implications for Functional Food Development and Assessment. <i>Advances in Nutrition</i> , 2016, 7, 1090-1104.	2.9	52
45	Development of a Novel Collagen Wound Model To Simulate the Activity and Distribution of Antimicrobials in Soft Tissue during Diabetic Foot Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6880-6889.	1.4	34
46	Impact of Cranberries on Gut Microbiota and Cardiometabolic Health: Proceedings of the Cranberry Health Research Conference 2015. <i>Advances in Nutrition</i> , 2016, 7, 759S-770S.	2.9	55
47	Gut Microbiota in Obesity and Undernutrition. <i>Advances in Nutrition</i> , 2016, 7, 1080-1089.	2.9	103
48	Modifiable Risk Factors for Periodontitis and Diabetes. <i>Current Oral Health Reports</i> , 2016, 3, 254-269.	0.5	27
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50	Variable responses of human microbiomes to dietary supplementation with resistant starch. <i>Microbiome</i> , 2016, 4, 33.	4.9	269
52	Augmentation of histone deacetylase 3 (HDAC3) epigenetic signature at the interface of proinflammation and insulin resistance in patients with type 2 diabetes. <i>Clinical Epigenetics</i> , 2016, 8, 125.	1.8	69
53	Establishing a causal link between gut microbes, body weight gain and glucose metabolism in humans – towards treatment with probiotics. <i>Beneficial Microbes</i> , 2016, 7, 11-22.	1.0	63
54	Apigenin and naringenin regulate glucose and lipid metabolism, and ameliorate vascular dysfunction in type 2 diabetic rats. <i>European Journal of Pharmacology</i> , 2016, 773, 13-23.	1.7	159
55	Gut microbiome and metabolic syndrome. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2016, 10, S150-S157.	1.8	147
56	Metabolic effects of dietary carbohydrates: The importance of food digestion. <i>Food Research International</i> , 2016, 88, 336-341.	2.9	30
57	Imbalanced insulin action in chronic over nutrition: Clinical harm, molecular mechanisms, and a way forward. <i>Atherosclerosis</i> , 2016, 247, 225-282.	0.4	67
58	Pathophysiology of type 1 and type 2 diabetes mellitus: a 90-year perspective. <i>Postgraduate Medical Journal</i> , 2016, 92, 63-69.	0.9	360

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60	Effects of plant stanol ester consumption on fasting plasma oxy(phyto)sterol concentrations as related to fecal microbiota characteristics. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 169, 46-53.	1.2	27
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68	Host Genotype and Gut Microbiome Modulate Insulin Secretion and Diet-Induced Metabolic Phenotypes. <i>Cell Reports</i> , 2017, 18, 1739-1750.	2.9	143
69	Metabolic Surgery in a Pill. <i>Cell Metabolism</i> , 2017, 25, 985-987.	7.2	8
70	Improved Glucose Homeostasis in Obese Mice Treated With Resveratrol Is Associated With Alterations in the Gut Microbiome. <i>Diabetes</i> , 2017, 66, 418-425.	0.3	189
71	Consensus report: faecal microbiota transfer – clinical applications and procedures. <i>Alimentary Pharmacology and Therapeutics</i> , 2017, 45, 222-239.	1.9	95
72	Introduction to the Fourth Global Summit on the Health Effects of Yogurt. <i>Journal of Nutrition</i> , 2017, 147, 1449S-1451S.	1.3	1
73	Immunotherapeutic properties of chemotherapy. <i>Current Opinion in Pharmacology</i> , 2017, 35, 83-88.	1.7	30
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78	Duodenal endoluminal barrier sleeve alters gut microbiota of ZDF rats. <i>International Journal of Obesity</i> , 2017, 41, 381-389.	1.6	17

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79	Development of a Single Locus Sequence Typing (SLST) Scheme for Typing Bacterial Species Directly from Complex Communities. <i>Methods in Molecular Biology</i> , 2017, 1535, 97-107.	0.4	6
80	Increased risk of hip fracture among spousesâ€”evidence of a homogamy effect. <i>Osteoporosis International</i> , 2017, 28, 95-102.	1.3	6
81	Type 2 Diabetes and Bacteremia. <i>Annals of Nutrition and Metabolism</i> , 2017, 71, 17-22.	1.0	22
83	Processing and Analyzing Human Microbiome Data. <i>Methods in Molecular Biology</i> , 2017, 1666, 649-677.	0.4	4
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86	Impact of Immunosuppression on the Metagenomic Composition of the Intestinal Microbiome: a Systems Biology Approach to Post-Transplant Diabetes. <i>Scientific Reports</i> , 2017, 7, 10277.	1.6	49
87	Comparative pharmacokinetics of six major bioactive components in normal and type 2 diabetic rats after oral administration of Sanhuang Xiexin Decoction extracts by UPLC-TQ MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1061-1062, 248-255.	1.2	24
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92	The effect of interleukin-22 treatment on autoimmune diabetes in the NOD mouse. <i>Diabetologia</i> , 2017, 60, 2256-2261.	2.9	8
93	The Metabolic Syndrome in Mid-Aged Women. , 2017, , 141-158.		6
94	The Human Microbiome and Obesity: Moving beyond Associations. <i>Cell Host and Microbe</i> , 2017, 22, 589-599.	5.1	366
95	The effects of amoxicillin and vancomycin on parameters reflecting cholesterol metabolism. <i>Chemistry and Physics of Lipids</i> , 2017, 207, 239-245.	1.5	10
96	Diabetes Enhances IL-17 Expression and Alters the Oral Microbiome to Increase Its Pathogenicity. <i>Cell Host and Microbe</i> , 2017, 22, 120-128.e4.	5.1	248
97	<i>Akkermansia muciniphila</i> improves metabolic profiles by reducing inflammation in chow diet-fed mice. <i>Journal of Molecular Endocrinology</i> , 2017, 58, 1-14.	1.1	201
98	Inflammation and Microbiota and Gut Reconditioning. , 2017, , 1609-1660.		1

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100	Influence of short-term dietary starch inclusion on the equine cecal microbiome1. Journal of Animal Science, 2017, 95, 5077-5090.	0.2	33
101	Polyphenols and Intestinal Health. , 2017, , 191-210.		34
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106	Antibiotic-Induced Alterations in Gut Microbiota Are Associated with Changes in Glucose Metabolism in Healthy Mice. Frontiers in Microbiology, 2017, 8, 2306.	1.5	103
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113	Distinct fecal and oral microbiota composition in human type 1 diabetes, an observational study. PLoS ONE, 2017, 12, e0188475.	1.1	163
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118	Obesity and Cardiovascular Disease Prevention. , 2018, , 77-88.		1
119	Treatment of type 2 diabetes: future approaches. <i>British Medical Bulletin</i> , 2018, 126, 123-137.	2.7	29
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122	Overview and systematic review of studies of microbiome in schizophrenia and bipolar disorder. <i>Journal of Psychiatric Research</i> , 2018, 99, 50-61.	1.5	151
123	Probiotics: The Ultimate Nutritional Supplement. , 2018, , 141-152.		8
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125	Impact of HIV and Type 2 diabetes on Gut Microbiota Diversity, Tryptophan Catabolism and Endothelial Dysfunction. <i>Scientific Reports</i> , 2018, 8, 6725.	1.6	35
126	Predictive biomarkers for type 2 of diabetes mellitus: Bridging the gap between systems research and personalized medicine. <i>Journal of Proteomics</i> , 2018, 188, 59-62.	1.2	16
127	Non-obese type 2 diabetes patients present intestinal B cell dysregulations associated with hyperactive intestinal Tfh cells. <i>Molecular Immunology</i> , 2018, 97, 27-32.	1.0	14
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132	Infection's Sweet Tooth: How Glycans Mediate Infection and Disease Susceptibility. <i>Trends in Microbiology</i> , 2018, 26, 92-101.	3.5	47
133	Steroids, stress and the gut microbiome-brain axis. <i>Journal of Neuroendocrinology</i> , 2018, 30, e12548.	1.2	119
134	Gut microbiome production of short-chain fatty acids and obesity in children. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 621-625.	1.3	139

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135	From Epidemiology to Epigenetics: Evidence for the Importance of Nutrition to Optimal Health Development Across the Life Course. , 2018, , 431-462.		4
136	Meeting update: faecal microbiota transplantationâ€“â€“bench, bedside, courtroom?. Frontline Gastroenterology, 2018, 9, 45-48.	0.9	4
137	Complications of obesity. QJM - Monthly Journal of the Association of Physicians, 2018, 111, 437-443.	0.2	155
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146	Early-Life Exposures and Risk of Diabetes Mellitus and Obesity. Current Diabetes Reports, 2018, 18, 89.	1.7	20
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148	The microbiome in prostate inflammation and prostate cancer. Prostate Cancer and Prostatic Diseases, 2018, 21, 345-354.	2.0	125
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150	The Relationship between Frequently Used Glucose-Lowering Agents and Gut Microbiota in Type 2 Diabetes Mellitus. Journal of Diabetes Research, 2018, 2018, 1-7.	1.0	18
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155	What Has Bariatric Surgery Taught Us About the Role of the Upper Gastrointestinal Tract in the Regulation of Postprandial Glucose Metabolism?. <i>Frontiers in Endocrinology</i> , 2018, 9, 324.	1.5	10
156	â€˜TIMEâ€™: A Web Application for Obtaining Insights into Microbial Ecology Using Longitudinal Microbiome Data. <i>Frontiers in Microbiology</i> , 2018, 9, 36.	1.5	47
157	Gut Microbiota Play an Essential Role in the Antidiabetic Effects of Rhein. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-8.	0.5	17
159	A polyphenol-rich prebiotic in combination with a novel probiotic formulation alleviates markers of obesity and diabetes in <i>Drosophila</i> . <i>Journal of Functional Foods</i> , 2018, 48, 374-386.	1.6	20
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167	The gut microbiome in obesity. <i>Journal of the Formosan Medical Association</i> , 2019, 118, S3-S9.	0.8	173
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169	Expression of Human ACE2 in <i>Lactobacillus</i> and Beneficial Effects in Diabetic Retinopathy in Mice. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 14, 161-170.	1.8	78
170	Mechanistic Links Between Obesity, Diabetes, and Blood Pressure: Role of Perivascular Adipose Tissue. <i>Physiological Reviews</i> , 2019, 99, 1701-1763.	13.1	157
171	Geneâ€“Environment Interactions on Body Fat Distribution. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3690.	1.8	29
172	Gut Microbiome Modulation Based on Probiotic Application for Anti-Obesity: A Review on Efficacy and Validation. <i>Microorganisms</i> , 2019, 7, 456.	1.6	56

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174	Dietary wood pulp-derived sterols modulation of cholesterol metabolism and gut microbiota in high-fat-diet-fed hamsters. <i>Food and Function</i> , 2019, 10, 775-785.	2.1	48
175	The microbiome of the upper respiratory tract in health and disease. <i>BMC Biology</i> , 2019, 17, 87.	1.7	243
176	Effect of probiotics supplementation on glucose and oxidative stress in type 2 diabetes mellitus: a meta-analysis of randomized trials. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019, 27, 827-837.	0.9	77
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179	Short-chain fatty acids and regulation of pancreatic endocrine secretion in mice. <i>Islets</i> , 2019, 11, 103-111.	0.9	21
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