Glucose metabolism: Focus on gut microbiota, the endo

Diabetes and Metabolism 40, 246-257 DOI: 10.1016/j.diabet.2014.02.004

Citation Report

#	Article	IF	CITATIONS
1	A role for interleukin-22 in the alleviation of metabolic syndrome. Nature Medicine, 2014, 20, 1379-1381.	15.2	17
2	MicroRNA-124 modulates social behavior in frontotemporal dementia. Nature Medicine, 2014, 20, 1381-1383.	15.2	8
3	Intestinal microbiota and type 2 diabetes: From mechanism insights to therapeutic perspective. World Journal of Gastroenterology, 2014, 20, 17737-17745.	1.4	143
4	Pathophysiological role of host microbiota in the development of obesity. Nutrition Journal, 2015, 15, 43.	1.5	109
5	Chromatography/Mass Spectrometry-Based Biomarkers in the Field of Obstructive Sleep Apnea. Medicine (United States), 2015, 94, e1541.	0.4	15
6	Does the Gut Microbiota Contribute to Obesity? Going beyond the Gut Feeling. Microorganisms, 2015, 3, 213-235.	1.6	38
7	The Endocannabinoid System and Its Role in Regulating the Intrinsic Neural Circuitry of the Gastrointestinal Tract. International Review of Neurobiology, 2015, 125, 85-126.	0.9	20
8	Human, donkey and cow milk differently affects energy efficiency and inflammatory state by modulating mitochondrial function and gut microbiota. Journal of Nutritional Biochemistry, 2015, 26, 1136-1146.	1.9	63
9	Insights on the human microbiome and its xenobiotic metabolism: what is known about its effects on human physiology?. Expert Opinion on Drug Metabolism and Toxicology, 2015, 11, 411-425.	1.5	47
10	Surgery in the treatment of type 2 diabetes mellitus. Scandinavian Journal of Surgery, 2015, 104, 40-47.	1.3	34
11	Gut microbiota and obesity: Involvement of the adipose tissue. Journal of Functional Foods, 2015, 14, 407-423.	1.6	32
12	Significant differences in fecal microbiota are associated with various stages of glucose tolerance in African American male veterans. Translational Research, 2015, 166, 401-411.	2.2	59
13	Role of probiotics in reducing the risk of gestational diabetes. Diabetes, Obesity and Metabolism, 2015, 17, 713-719.	2.2	42
14	Adipose tissue NAPE-PLD controls fat mass development by altering the browning process and gut microbiota. Nature Communications, 2015, 6, 6495.	5.8	144
15	Endocannabinoids and Metabolic Disorders. Handbook of Experimental Pharmacology, 2015, 231, 367-391.	0.9	19
16	Porcine Epidemic Diarrhea Virus Infection Induced the Unbalance of Gut Microbiota in Piglets. Current Microbiology, 2015, 71, 643-649.	1.0	38
17	Endocannabinoids. Handbook of Experimental Pharmacology, 2015, , .	0.9	19
18	The human gut microbiota and virome: Potential therapeutic implications. Digestive and Liver Disease, 2015, 47, 1007-1012.	0.4	226

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19	Novel opportunities for next-generation probiotics targeting metabolic syndrome. Current Opinion in Biotechnology, 2015, 32, 21-27.	3.3	127
20	The Effect on Gut Microbiota Structure of Primarily Diagnosed Type 2 Diabetes Patients Intervened by Sancai Lianmei Particle and Acarbose: A Randomized Controlled Trial. Journal of Clinical Trials, 2016, 6, .	0.1	4
21	Gut Microbiota and Metabolism. , 2016, , 391-401.		5
22	Remission of type 2 diabetes in patients undergoing biliointestinal bypass for morbid obesity: a new surgical treatment. Surgery for Obesity and Related Diseases, 2016, 12, 815-821.	1.0	9
24	The case in favour of probiotics before, during and after pregnancy: insights from the first 1,500 days. Beneficial Microbes, 2016, 7, 353-362.	1.0	30
25	Mechanisms by which cocoa flavanols improve metabolic syndrome and related disorders. Journal of Nutritional Biochemistry, 2016, 35, 1-21.	1.9	74
26	Endocannabinoids — at the crossroads between the gut microbiota and host metabolism. Nature Reviews Endocrinology, 2016, 12, 133-143.	4.3	275
27	Gut microbiota, obesity and diabetes. Postgraduate Medical Journal, 2016, 92, 286-300.	0.9	377
28	Gut microbiota and probiotics: Focus on diabetes mellitus. Critical Reviews in Food Science and Nutrition, 2017, 57, 2296-2309.	5.4	101
29	Divergent Relationships between Fecal Microbiota and Metabolome following Distinct Antibiotic-Induced Disruptions. MSphere, 2017, 2, .	1.3	31
31	Nutritional Intervention Preconception and During Pregnancy to Maintain Healthy Glucose Metabolism and Offspring Health ("NiPPeRâ€): study protocol for a randomised controlled trial. Trials, 2017, 18, 131.	0.7	53
32	Microbiome and metabolome modifying effects of several cardiovascular disease interventions in apo-Eâ^'/â^' mice. Microbiome, 2017, 5, 30.	4.9	83
33	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
34	Comparative analysis of gut microbiota associated with body mass index in a large Korean cohort. BMC Microbiology, 2017, 17, 151.	1.3	128
35	Gut microbiota as a potential target of metabolic syndrome: the role of probiotics and prebiotics. Cell and Bioscience, 2017, 7, 54.	2.1	219
36	Hypoglycemic and hypolipidemic effect of S-allyl-cysteine sulfoxide (alliin) in DIO mice. Scientific Reports, 2018, 8, 3527.	1.6	77
37	The impact of human activities and lifestyles on the interlinked microbiota and health of humans and of ecosystems. Science of the Total Environment, 2018, 627, 1018-1038.	3.9	244
38	Purple lettuce (Lactuca sativa L.) attenuates metabolic disorders in diet induced obesity. Journal of Functional Foods, 2018, 45, 462-470.	1.6	22

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39	Gut: A key player in the pathogenesis of type 2 diabetes?. Critical Reviews in Food Science and Nutrition, 2018, 58, 1294-1309.	5.4	26
40	Impact of dietary fat on gut microbiota and low-grade systemic inflammation: mechanisms and clinical implications on obesity. International Journal of Food Sciences and Nutrition, 2018, 69, 125-143.	1.3	171
41	Composition of gut microbiota in obese and normalâ€weight Mexican schoolâ€age children and its association with metabolic traits. Pediatric Obesity, 2018, 13, 381-388.	1.4	69
42	Intestinal in vitro and ex vivo Models to Study Host-Microbiome Interactions and Acute Stressors. Frontiers in Physiology, 2018, 9, 1584.	1.3	102
43	The Ramazzini Institute 13-week pilot study on glyphosate and Roundup administered at human-equivalent dose to Sprague Dawley rats: effects on the microbiome. Environmental Health, 2018, 17, 50.	1.7	87
44	Role of gut microbiota in chronic lowâ€grade inflammation as potential driver for atherosclerotic cardiovascular disease: a systematic review of human studies. Obesity Reviews, 2018, 19, 1719-1734.	3.1	169
45	Microbiome in normal and pathological pregnancies: A literature overview. American Journal of Reproductive Immunology, 2018, 80, e12993.	1.2	48
46	Gut microbiota imbalances in Tunisian participants with type 1 and type 2 diabetes mellitus. Bioscience Reports, 2019, 39, .	1.1	38
47	Supplementation with compound polysaccharides contributes to the development and metabolic activity of young rat intestinal microbiota. Food and Function, 2019, 10, 2658-2675.	2.1	28
48	The anti-hyperglycemia effects of Rhizoma Coptidis alkaloids: A systematic review of modern pharmacological studies of the traditional herbal medicine. Fìtoterapìâ, 2019, 134, 210-220.	1.1	27
49	Probiotic or synbiotic alters the gut microbiota and metabolism in a randomised controlled trial of weight management in overweight adults. Beneficial Microbes, 2019, 10, 121-135.	1.0	118
50	<i>In vivo</i> screening of multiple bacterial strains identifies <i>Lactobacillus rhamnosus</i> Lb102 and <i>Bifidobacterium animalis</i> ssp. <i>lactis</i> Bf141 as probiotics that improve metabolic disorders in a mouse model of obesity. FASEB Journal, 2019, 33, 4921-4935.	0.2	47
51	Gut microbiota: a potential manipulator for host adipose tissue and energy metabolism. Journal of Nutritional Biochemistry, 2019, 64, 206-217.	1.9	46
52	Microbiome and its relation to gestational diabetes. Endocrine, 2019, 64, 254-264.	1.1	102
53	Sex differences in the cardiometabolic health of cannabis users with a psychotic illness. Drug and Alcohol Dependence, 2019, 194, 447-452.	1.6	6
54	Aqueous raw and ripe Pu-erh tea extracts alleviate obesity and alter cecal microbiota composition and function in diet-induced obese rats. Applied Microbiology and Biotechnology, 2019, 103, 1823-1835.	1.7	31
55	Gut microbiome and type 2 diabetes: where we are and where to go?. Journal of Nutritional Biochemistry, 2019, 63, 101-108.	1.9	261
56	Resveratrol attenuates high-fat diet-induced non-alcoholic steatohepatitis by maintaining gut barrier integrity and inhibiting gut inflammation through regulation of the endocannabinoid system. Clinical Nutrition, 2020, 39, 1264-1275.	2.3	79

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57	Effects of thylakoid intake on appetite and weight loss: a systematic review. Journal of Diabetes and Metabolic Disorders, 2020, 19, 565-573.	0.8	5
58	The role of probiotics on the roadmap to a healthy microbiota: a symposium report. Gut Microbiome, 2020, 1, .	0.8	2
59	Type 2 Diabetes Mellitus Associated with Obesity (Diabesity). The Central Role of Gut Microbiota and Its Translational Applications. Nutrients, 2020, 12, 2749.	1.7	58
60	Hepatic NAPE-PLD Is a Key Regulator of Liver Lipid Metabolism. Cells, 2020, 9, 1247.	1.8	17
61	An Insight into the Changing Scenario of Gut Microbiome during Type 2 Diabetes. , 0, , .		0
62	Next-Generation Probiotics. , 2021, , 45-79.		0
63	Metagenomic Analysis of the Gut Microbiome Reveals Enrichment of Menaquinones (Vitamin K2) Pathway in Diabetes Mellitus. Diabetes and Metabolism Journal, 2021, 45, 77-85.	1.8	22
64	Chlorpyrifos and Δ9 Tetrahydrocannabinol exposure and effects on parameters associated with the endocannabinoid system and risk factors for obesity. Current Research in Toxicology, 2021, 2, 296-308.	1.3	6
65	Role of Gut Microbiota in Pathogenesis and Treatment of Type 2 Diabetes. Eurasian Journal of Medicine and Oncology, 0, , .	1.0	0
66	Effect of gut microbiota modulation on feeding tolerance of enterally fed critically ill adult patients: a systematic review. Systematic Reviews, 2021, 10, 95.	2.5	8
67	Contourner la résistance à l'immunothérapie des cancersÂ: interventions centrées sur le microbiome intestinal. Bulletin De L'Academie Nationale De Medecine, 2021, 205, 364-382.	0.0	0
68	Akkermansia muciniphila, a New Generation of Beneficial Microbiota in Modulating Obesity: A Systematic Review. Microorganisms, 2021, 9, 1098.	1.6	37
69	Effects of cat ownership on the gut microbiota of owners. PLoS ONE, 2021, 16, e0253133.	1.1	9
70	Shared metabolic and neuroimmune mechanisms underlying Type 2 Diabetes Mellitus and Major Depressive Disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 111, 110351.	2.5	21
72	In vitro and in vivo antioxidant activity of eucalyptus leaf polyphenols extract and its effect on chicken meat quality and cecum microbiota. Food Research International, 2020, 136, 109302.	2.9	41
73	Next generation probiotics in disease amelioration. Journal of Food and Drug Analysis, 2019, 27, 615-622.	0.9	212
74	Aspartame: Should Individuals with Type II Diabetes be Taking it?. Current Diabetes Reviews, 2018, 14, 350-362.	0.6	20
76	Early markers of gestational diabetes mellitus. Biochemia Medica, 2021, 31, 416-430.	1.2	5

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77	Over-feeding the gut microbiome: A scoping review on health implications and therapeutic perspectives. World Journal of Gastroenterology, 2021, 27, 7041-7064.	1.4	10
78	Intestinal Microbiome, , and Medical Nutrition Therapy. Integrative Medicine, 2016, 15, 14-16.	0.1	9
79	Natural Selection, The Microbiome, and Public Health. Yale Journal of Biology and Medicine, 2018, 91, 445-455.	0.2	14
80	Microbiome and Gestational Diabetes: Interactions with Pregnancy Outcome and Long-Term Infant Health. Journal of Diabetes Research, 2021, 2021, 1-10.	1.0	16
81	High-Fat, Western-Style Diet, Systemic Inflammation, and Gut Microbiota: A Narrative Review. Cells, 2021, 10, 3164.	1.8	199
83	Role of Probiotics in Diabetes Control. , 2022, , 337-353.		2
84	Gut Microbiome and Plasma Metabolome Signatures in Middle-Aged Mice With Cognitive Dysfunction Induced by Chronic Neuropathic Pain. Frontiers in Molecular Neuroscience, 2021, 14, 806700.	1.4	11
85	Epigenetic Links between Microbiota and Gestational Diabetes. International Journal of Molecular Sciences, 2022, 23, 1831.	1.8	6
86	Comparative study on the weight loss and lipid metabolism by tea polyphenols in diet induced obese C57BL/6J pseudo germ free and conventionalized mice. Food Science and Human Wellness, 2022, 11, 697-710.	2.2	8
87	The Protective Effects of Inulin-Type Fructans Against High-Fat/Sucrose Diet-Induced Gestational Diabetes Mice in Association With Gut Microbiota Regulation. Frontiers in Microbiology, 2022, 13, 832151.	1.5	14
88	Polyhalogenated carbazoles induce hepatic metabolic disorders in mice via alteration in gut microbiota. Journal of Environmental Sciences, 2023, 127, 603-614.	3.2	7
89	Peanuts as a nighttime snack enrich butyrate-producing bacteria compared to an isocaloric lower-fat higher-carbohydrate snack in adults with elevated fasting glucose: A randomized crossover trial. Clinical Nutrition, 2022, 41, 2169-2177.	2.3	5
90	The effects of synbiotic supplementation on enteral feeding tolerance, protein homeostasis, and muscle wasting of critically ill adult patients: a randomized controlled trial. Trials, 2022, 23, .	0.7	1
91	Novel Candidate Microorganisms for Fermentation Technology: From Potential Benefits to Safety Issues. Foods, 2022, 11, 3074.	1.9	9
92	The role of the gut microbiota in health and cardiovascular diseases. Molecular Biomedicine, 2022, 3, .	1.7	22
93	Beneficial role of gut microbes in maintenance of pace-of-life traits in Phrynocephalus vlangalii. , 0, 1,		0
95	Modulation of adipose tissue metabolism by microbial-derived metabolites. Frontiers in Microbiology, 0, 13, .	1.5	4
96	Comparing Transgenic Production to Supplementation of ω-3 PUFA Reveals Distinct But Overlapping Mechanisms Underlying Protection Against Metabolic and Hepatic Disorders. Function, 2023, 4, .	1.1	4

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97	Diabetes Type II: Should Aspartame be a Concern?. Frontiers in Clinical Drug Research Diabetes and Obesity, 2023, , 48-58.	0.1	0
98	A new strategy to alleviate the obesity induced by endocrine disruptors—A unique lysine metabolic pathway of nanoselenium Siraitia grosvenorii to repair gut microbiota and resist obesity. Food and Chemical Toxicology, 2023, 175, 113737.	1.8	5
99	Role of Akkermansia in Human Diseases: From Causation to Therapeutic Properties. Nutrients, 2023, 15, 1815.	1.7	9