

Adipose tissue as an endocrine organ: role of leptin and cardiovascular diseases

Journal of Physiology and Biochemistry

59, 51-60

DOI: [10.1007/bf03179868](https://doi.org/10.1007/bf03179868)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The M16 Mouse: An Outbred Animal Model of Early Onset Polygenic Obesity and Diabetes. <i>Obesity</i> , 2004, 12, 1397-1407.	4.0	44
2	Comparison of the Release of Adipokines by Adipose Tissue, Adipose Tissue Matrix, and Adipocytes from Visceral and Subcutaneous Abdominal Adipose Tissues of Obese Humans. <i>Endocrinology</i> , 2004, 145, 2273-2282.	1.4	1,281
3	Paracrine role for periadventitial adipose tissue in the regulation of arterial tone. <i>Trends in Pharmacological Sciences</i> , 2004, 25, 647-653.	4.0	145
4	Evidence for the Involvement of Resistin in Inflammation and Cardiovascular Disease. <i>Current Diabetes Reviews</i> , 2005, 1, 227-234.	0.6	30
5	The brain-adipose axis: A review of involvement of molecules. <i>Nutritional Neuroscience</i> , 2005, 8, 7-20.	1.5	31
6	Impact of adiponectin gene polymorphisms on plasma lipoprotein and adiponectin concentrations of viscerally obese men. <i>Journal of Lipid Research</i> , 2005, 46, 237-244.	2.0	42
7	High adiponectin in chronic liver disease and cholestasis suggests biliary route of adiponectin excretion in vivo. <i>Journal of Hepatology</i> , 2005, 42, 666-673.	1.8	111
8	Body fat reference curves for children. <i>International Journal of Obesity</i> , 2006, 30, 598-602.	1.6	647
9	Pleiotropic AT1 Receptor Signaling Pathways Mediating Physiological and Pathogenic Actions of Angiotensin II. <i>Molecular Endocrinology</i> , 2006, 20, 953-970.	3.7	483
10	The Effect of Liposuction and Diet on Ghrelin, Adiponectin, and Leptin Levels in Obese Zucker Rats. <i>Plastic and Reconstructive Surgery</i> , 2006, 117, 1829-1835.	0.7	12
11	Regulation of lipid metabolism by soy protein and its implication in diseases mediated by lipid disorders. <i>Journal of Nutritional Biochemistry</i> , 2006, 17, 365-373.	1.9	200
12	The Cannabinoid CB1 Receptor Antagonist Rimonabant (SR141716) Inhibits Cell Proliferation and Increases Markers of Adipocyte Maturation in Cultured Mouse 3T3 F442A Preadipocytes. <i>Molecular Pharmacology</i> , 2006, 69, 471-478.	1.0	149
13	Changes in Body Composition in Women over Six Years at Midlife: Ovarian and Chronological Aging. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 895-901.	1.8	379
14	Normal-weight obese syndrome: early inflammation?. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 40-45.	2.2	196
15	Obesity, innate immunity and gut inflammation. <i>Current Opinion in Gastroenterology</i> , 2007, 23, 661-666.	1.0	55
16	Immunology. <i>Current Opinion in Gastroenterology</i> , 2007, 23, 644-646.	1.0	1
17	Regulación de la lipólisis en el tejido adiposo blanco de ratas Zucker delgadas y obesas. <i>Journal of Physiology and Biochemistry</i> , 2007, 63, 287-296.	1.3	11
18	Do cardiac and perivascular adipose tissue play a role in atherosclerosis?. <i>Current Diabetes Reports</i> , 2008, 8, 20-24.	1.7	75

#	ARTICLE	IF	CITATIONS
19	Visceral obesity and the heart. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 821-836.	1.2	142
20	Cardiovascular Disease and Obesity. , 0, , 287-320.		0
21	The association of serum adipocyte fatty acid-binding protein with coronary artery disease in Korean adults. <i>European Journal of Endocrinology</i> , 2009, 160, 165-172.	1.9	73
22	RIP140 Gene and Protein Expression Levels are Downregulated in Visceral Adipose Tissue in Human Morbid Obesity. <i>Obesity Surgery</i> , 2009, 19, 771-776.	1.1	11
23	Echocardiography and Dual-Energy X-Ray Absorptiometry in the elderly patients with metabolic syndrome: A comparison of two different techniques to evaluate visceral fat distribution. <i>Journal of Nutrition, Health and Aging</i> , 2010, 14, 6-10.	1.5	14
24	Caveolin expression and activation in retroperitoneal and subcutaneous adipocytes: Influence of a high-fat diet. <i>Journal of Cellular Physiology</i> , 2010, 225, 206-213.	2.0	18
25	Role of adipokines in obesity-associated hypertension. <i>Acta Physiologica</i> , 2010, 200, 107-127.	1.8	41
26	Leptin Inhibits the Proliferation of Vascular Smooth Muscle Cells Induced by Angiotensin II through Nitric Oxide-Dependent Mechanisms. <i>Mediators of Inflammation</i> , 2010, 2010, 1-10.	1.4	40
27	Association of increased Visfatin/PBEF/NAMPT circulating concentrations and gene expression levels in peripheral blood cells with lipid metabolism and fatty liver in human morbid obesity. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010, 21, 245-53.	1.1	48
28	Association of serum adiponectin with risk for cardiovascular events in patients with peripheral arterial disease. <i>Atherosclerosis</i> , 2010, 210, 619-624.	0.4	23
29	Serum adipocyte fatty acid-binding protein is independently associated with coronary atherosclerotic burden measured by intravascular ultrasound. <i>Atherosclerosis</i> , 2010, 211, 164-169.	0.4	81
30	Anti-inflammatory activity of natural dietary flavonoids. <i>Food and Function</i> , 2010, 1, 15.	2.1	448
31	Changes in adiposity status from childhood to adolescence: A 6-year longitudinal study in Portuguese boys and girls. <i>Annals of Human Biology</i> , 2011, 38, 520-528.	0.4	12
32	The ratio of serum leptin to adiponectin provides adjunctive information to the risk of metabolic syndrome beyond the homeostasis model assessment insulin resistance: The Korean Genomic Rural Cohort Study. <i>Clinica Chimica Acta</i> , 2011, 412, 2199-2205.	0.5	33
34	Leptin and TNF-alpha promoter methylation levels measured by MSP could predict the response to a low-calorie diet. <i>Journal of Physiology and Biochemistry</i> , 2011, 67, 463-470.	1.3	149
35	Adiponectin, Non-Esterified Fatty Acids and Antiphospholipid Antibodies in Type II Diabetes Mellitus. <i>Journal of Medical Biochemistry</i> , 2012, 31, 199-204.	0.7	5
36	The association of baseline adipocytokine levels with glycemic progression in nondiabetic Korean adults in 4 years of follow-up. <i>Diabetes Research and Clinical Practice</i> , 2012, 98, 501-507.	1.1	6
37	The role of serum adipocyte fatty acid-binding protein on the development of metabolic syndrome is independent of pro-inflammatory cytokines. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2012, 22, 525-532.	1.1	19

#	ARTICLE	IF	CITATIONS
38	Oxidative stress and inflammation interactions in human obesity. <i>Journal of Physiology and Biochemistry</i> , 2012, 68, 701-711.	1.3	309
39	Leptin and adiponectin: Distribution and associations with cardiovascular risk factors in men and women of the general population. <i>American Journal of Human Biology</i> , 2012, 24, 595-601.	0.8	36
40	Regulation of adiponectin gene expression in adipose tissue by thyroid hormones. <i>Journal of Physiology and Biochemistry</i> , 2012, 68, 193-203.	1.3	25
41	Vasodilator signals from perivascular adipose tissue. <i>British Journal of Pharmacology</i> , 2012, 165, 633-642.	2.7	132
42	Validity of predictive equations developed to estimate body fat from anthropometry and bioelectrical impedance analysis in 8-10 year-old children. <i>Clinical Nutrition</i> , 2012, 31, 364-371.	2.3	15
43	Diets rich in fruits and vegetables suppress blood biomarkers of metabolic stress in overweight women. <i>Preventive Medicine</i> , 2012, 54, S109-S115.	1.6	24
44	AdipoR1 and AdipoR2 gene expression are regulated by thyroid hormones in adipose tissue. <i>Molecular and Cellular Biochemistry</i> , 2013, 377, 55-63.	1.4	12
45	Endocrinology of menopause. <i>Periodontology 2000</i> , 2013, 61, 177-194.	6.3	27
46	Physical fitness predicts adiposity longitudinal changes over childhood and adolescence. <i>Journal of Science and Medicine in Sport</i> , 2013, 16, 118-123.	0.6	32
47	Brain Natriuretic Peptides in Atherosclerotic Renal Artery Stenosis and Effects of Renal Angioplasty. <i>Kidney and Blood Pressure Research</i> , 2013, 37, 657-666.	0.9	6
48	The Relationship of Body Composition and Coronary Artery Calcification in Apparently Healthy Korean Adults. <i>Endocrinology and Metabolism</i> , 2013, 28, 33.	1.3	26
49	Regulation of adipocyte lipolysis. <i>Nutrition Research Reviews</i> , 2014, 27, 63-93.	2.1	328
50	Chronic unpredictable stress regulates visceral adipocyte-mediated glucose metabolism and inflammatory circuits in male rats. <i>Physiological Reports</i> , 2014, 2, e00284.	0.7	22
51	Regional adipose tissue hormone/cytokine production before and after weight loss in abdominally obese women. <i>Obesity</i> , 2014, 22, 1679-1684.	1.5	13
52	Obesity Related Alterations in Plasma Cytokines and Metabolic Hormones in Chimpanzees. <i>International Journal of Inflammation</i> , 2014, 2014, 1-11.	0.9	24
53	Adiponectin/T-cadherin and apelin/APJ expression in human arteries and periadventitial fat: implication of local adipokine signaling in atherosclerosis?. <i>Cardiovascular Pathology</i> , 2014, 23, 131-138.	0.7	48
54	Clustering of body composition, blood pressure and physical activity in Portuguese families. <i>Annals of Human Biology</i> , 2014, 41, 159-167.	0.4	11
55	Understanding the effects of mature adipocytes and endothelial cells on fatty acid metabolism and vascular tone in physiological fatty tissue for vascularized adipose tissue engineering. <i>Cell and Tissue Research</i> , 2015, 362, 269-279.	1.5	14

#	ARTICLE	IF	CITATIONS
56	Duplicated Leptin Receptors in Two Species of Eel Bring New Insights into the Evolution of the Leptin System in Vertebrates. <i>PLoS ONE</i> , 2015, 10, e0126008.	1.1	31
57	Height, weight, body composition, and waist circumference references for 7- to 17-year-old children from rural Portugal. <i>HOMO- Journal of Comparative Human Biology</i> , 2015, 66, 264-277.	0.3	14
58	Effects of obesity on severity of colitis and cytokine expression in mouse mesenteric fat. Potential role of adiponectin receptor 1. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, G591-G604.	1.6	31
59	Increasing body condition score is positively associated interleukin-6 and monocyte chemoattractant protein-1 in Labrador retrievers. <i>Veterinary Immunology and Immunopathology</i> , 2015, 167, 104-109.	0.5	32
60	Increased association of coronary artery calcification in apparently healthy Korean adults with hypertriglyceridemic waist phenotype: The Kangbuk Samsung Health Study. <i>International Journal of Cardiology</i> , 2015, 194, 78-82.	0.8	19
61	The effect of ferulic acid ethyl ester on leptin-induced proliferation and migration of aortic smooth muscle cells. <i>Experimental and Molecular Medicine</i> , 2015, 47, e180-e180.	3.2	18
62	Evaluation of simple body composition methods: assessment of validity in prepubertal Chilean children. <i>European Journal of Clinical Nutrition</i> , 2015, 69, 269-273.	1.3	23
63	Intraperitoneal Fat through GRP78: A Risk Factor for Endometrial Cancer. <i>Analytical Cellular Pathology</i> , 2016, 2016, 1-5.	0.7	2
64	Neuroendocrinological and Epigenetic Mechanisms Subservicing Autonomic Imbalance and HPA Dysfunction in the Metabolic Syndrome. <i>Frontiers in Neuroscience</i> , 2016, 10, 142.	1.4	33
65	Influence of epidermal growth factor (EGF) and hydrocortisone on the culture of mature adipocytes and endothelial cells for vascularized adipose tissue engineering. <i>Cell Biology International</i> , 2016, 40, 569-578.	1.4	19
66	Gender Difference in Body Fat for Healthy Chinese Children and Adolescents. <i>Childhood Obesity</i> , 2016, 12, 144-154.	0.8	15
67	Sex differences in the regulation of porcine coronary artery tone by perivascular adipose tissue: a role of adiponectin?. <i>British Journal of Pharmacology</i> , 2017, 174, 2773-2783.	2.7	17
68	Regulation of intracellular trafficking and secretion of adiponectin by myosin II. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 202-208.	1.0	4
69	Role of Perivascular Adipose Tissue in Vascular Physiology and Pathology. <i>Hypertension</i> , 2017, 69, 770-777.	1.3	62
70	Mice lacking myotubularin-related protein 14 show accelerated high-fat diet-induced lipid accumulation and inflammation. <i>Journal of Physiology and Biochemistry</i> , 2017, 73, 17-28.	1.3	8
71	Adipose-Vascular Coupling and Potential Therapeutics. <i>Annual Review of Pharmacology and Toxicology</i> , 2017, 57, 417-436.	4.2	42
72	Genistein suppresses leptin-induced proliferation and migration of vascular smooth muscle cells and neointima formation. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 422-431.	1.6	16
73	Sex differences in the role of phospholipase A ₂ -dependent arachidonic acid pathway in the perivascular adipose tissue function in pigs. <i>Journal of Physiology</i> , 2017, 595, 6623-6634.	1.3	15

#	ARTICLE	IF	CITATIONS
74	The Determinants of Leptin Levels in Diabetic and Nondiabetic Saudi Males. International Journal of Endocrinology, 2017, 2017, 1-7.	0.6	6
75	Fat Hormones, Adipokines. , 2017, , 167-205.		8
76	Preserved Vasoconstriction and Relaxation of Saphenous Vein Grafts Obtained by a No-Touch Technique for Coronary Artery Bypass Grafting. Circulation Journal, 2018, 83, 232-238.	0.7	8
77	Body Composition Percentiles in Urban South Indian Children and Adolescents. Obesity, 2018, 26, 1629-1636.	1.5	7
78	Sex differences in the vascular function and related mechanisms: role of 17 β -estradiol. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H1499-H1518.	1.5	60
79	The negative effects of obesity on heart, especially the electrophysiology of the heart. Artificial Cells, Nanomedicine and Biotechnology, 2020, 48, 1055-1062.	1.9	7
80	<p>Association Between Hypertriglyceridemic Waist Phenotype and Increased Urinary Albuminâ€“Creatinine Ratio in Chinese Adults: The REACTION Study</p>. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 2965-2974.	1.1	7
81	Impact of adipokines and myokines on fat browning. Journal of Physiology and Biochemistry, 2020, 76, 227-240.	1.3	20
82	The effects of rapid growth on body mass index and percent body fat: A meta-analysis. Clinical Nutrition, 2020, 39, 3262-3272.	2.3	4
83	Differential Impact of Weight Loss and Glycemic Control on Inflammasome Signaling. Obesity, 2020, 28, 609-615.	1.5	17
84	Fat mass prediction equations and reference ranges for Saudi Arabian Children aged 8â€“12 years using machine technique method. PeerJ, 2021, 9, e10734.	0.9	1
85	Adiponectin Provides Additional Information to Conventional Cardiovascular Risk Factors for Assessing the Risk of Atherosclerosis in Both Genders. PLoS ONE, 2013, 8, e75535.	1.1	18
86	Integrated total body composition versus Body Mass Index in young athletes. Minerva Pediatrica, 2020, 72, 163-169.	2.6	7
87	Emerging role of adipokines as mediators in atherosclerosis. World Journal of Cardiology, 2010, 2, 370.	0.5	42
88	Adipose Tissue Biology: An Update Review. Indonesian Biomedical Journal, 2009, 1, 4.	0.2	0
89	Biomarkers and Coronary Atherosclerotic Burden and Activity as Assessed by Coronary Angiography and Intra-Coronary Imaging Modalities. , 0, , .		0
90	Perivascular Adipose Tissue and Cardiometabolic Disease. Indonesian Biomedical Journal, 2013, 5, 13.	0.2	0
91	Impact of Adipocytokines-Leptin and Adiponectin on Thyroid Stimulating Hormone among Hypothyroid Patients. Asian Journal of Medical Sciences, 2013, 5, 67-72.	0.0	0

#	ARTICLE	IF	CITATIONS
92	Changes in potassium concentration and gene expression in mice fed a high-fat diet. Journal of Biomedical Research, 2015, 16, 165-171.	0.1	0
93	â€œKnow Diabetes by Heartâ€ role of adipocyte-cardiomyocyte communications. Medical Review, 2021, .	0.3	1
94	Cardiovascular Anthropometry: What Is Best Suited for Large-Scale Population Screening in Sub-Saharan Africa?. Frontiers in Cardiovascular Medicine, 2020, 7, 522123.	1.1	5
95	Echocardiography and Dual-Energy X-Ray Absorptiometry in the elderly patients with metabolic syndrome: A comparison of two different techniques to evaluate visceral fat distribution. Journal of Nutrition, Health and Aging, 0, , .	1.5	0
96	First body fat percentiles for 607 children from Thessaloniki-Northern Greece. Hippokratia, 2010, 14, 208-11.	0.3	8
97	Structure-Function Relationships and Modifications of Cardiac Sarcoplasmic Reticulum Ca ²⁺ -Transport. Physiological Research, 2021, 70, S443-S470.	0.4	3
98	The 3% Oxygen Desaturation Index is an Independent Risk Factor for Hypertension Among Children with Obstructive Sleep Apnea. Nature and Science of Sleep, 0, Volume 14, 1149-1164.	1.4	3
99	Lower fitness levels, higher fat-to-lean mass ratios, and lower cardiorespiratory endurance are more likely to affect the body mass index of Saudi children and adolescents. Frontiers in Public Health, 0, 10, .	1.3	1
101	The association of serum visfatin in women with polycystic ovary syndrome: A case-control study. Revista Bionatura, 2022, 7, 1-4.	0.1	0
102	Body mass index and body fat percentage in determining overweight and obesity among school going adolescents of urban Mysuru, Karnataka: a cross-sectional study. International Journal of Community Medicine and Public Health, 2023, 10, 734-739.	0.0	0