

# CITATION REPORT

List of articles citing

The fat-derived hormone adiponectin reverses insulin resistance associated with both lipodystrophy and obesity

DOI: 10.1038/90984

Nature Medicine, 2001, 7, 941-6.

**Source:** <https://exaly.com/paper-pdf/33199048/citation-report.pdf>

**Version:** 2024-04-26

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2325	Adiponectin inhibits colorectal cancer cell growth through the AMPK/mTOR pathway. <b>1992</b> , 34, 339		3
2324	Expression of adiponectin receptors, AdipoR1 and AdipoR2, in normal colon epithelium and colon cancer tissue. <b>1994</b> , 20, 479		4
2323	S6: a novel approach to inhibiting HIV replication?. <b>2001</b> , &NA;, 10		
2322	A transgenic model of visceral obesity and the metabolic syndrome. <b>2001</b> , 294, 2166-70		1489
2321	Tumor necrosis factor alpha is a negative regulator of resistin gene expression and secretion in 3T3-L1 adipocytes. <b>2001</b> , 288, 1027-31		116
2320	Secretion of adiponectin and regulation of apM1 gene expression in human visceral adipose tissue. <b>2001</b> , 288, 1102-7		277
2319	Adiponectin gene expression is inhibited by beta-adrenergic stimulation via protein kinase A in 3T3-L1 adipocytes. <b>2001</b> , 507, 142-6		196
2318	[PPAR gamma agonist and antagonist]. <b>2001</b> , 118, 321-6		9
2317	Insulin signalling and the regulation of glucose and lipid metabolism. <b>2001</b> , 414, 799-806		3723
2316	New drug targets for type 2 diabetes and the metabolic syndrome. <b>2001</b> , 414, 821-7		824
2315	You are what you secrete. <i>Nature Medicine</i> , <b>2001</b> , 7, 887-8	50.5	144
2314	Cystic fibrosis salt/fluid controversy: in the thick of it. <i>Nature Medicine</i> , <b>2001</b> , 7, 888-9	50.5	28
2313	The mechanisms by which both heterozygous peroxisome proliferator-activated receptor gamma (PPARgamma) deficiency and PPARgamma agonist improve insulin resistance. <b>2001</b> , 276, 41245-54		500
2312	PPARgamma : a nuclear regulator of metabolism, differentiation, and cell growth. <b>2001</b> , 276, 37731-4		903
2311	Review: Adipose tissue: passive sump or active pump?. <b>2001</b> , 1, 110-114		5
2310	Insulin-sensitising agents: beyond thiazolidinediones. <b>2002</b> , 7, 165-74		9
2309	Disordered fat storage and mobilization in the pathogenesis of insulin resistance and type 2 diabetes. <b>2002</b> , 23, 201-29		914

2308	Leptin and the adipocyte endocrine system. <b>2002</b> , 39, 499-525	14
2307	The metabolic syndrome. <b>2002</b> , 7, 82-93	
2306	Analysis of paradoxical observations on the association between leptin and insulin resistance. <b>2002</b> , 16, 1163-76	194
2305	Association of adiponectin mutation with type 2 diabetes: a candidate gene for the insulin resistance syndrome. <b>2002</b> , 51, 2325-8	320
2304	Impaired postprandial adipose tissue blood flow response is related to aspects of insulin sensitivity. <b>2002</b> , 51, 2467-73	138
2303	Elevated serum concentration of adipose-derived factor, adiponectin, in patients with type 1 diabetes. <b>2002</b> , 25, 1665-6	136
2302	Oligomerization state-dependent activation of NF-kappa B signaling pathway by adipocyte complement-related protein of 30 kDa (Acrp30). <b>2002</b> , 277, 29359-62	287
2301	Association of the T-G polymorphism in adiponectin (exon 2) with obesity and insulin sensitivity: interaction with family history of type 2 diabetes. <b>2002</b> , 51, 37-41	373
2300	Glitazones: clinical effects and molecular mechanisms. <b>2002</b> , 34, 217-224	169
2299	Type 2 diabetes and atherosclerotic cardiovascular disease: do they share common antecedents?. <b>2002</b> , 2, 370-378	11
2298	Neuronal differentiation-dependent expression of the disialic acid epitope on CD166 and its involvement in neurite formation in Neuro2A cells. <b>2002</b> , 277, 45299-305	46
2297	WY14,643, a peroxisome proliferator-activated receptor alpha (PPARalpha ) agonist, improves hepatic and muscle steatosis and reverses insulin resistance in lipoatrophic A-ZIP/F-1 mice. <b>2002</b> , 277, 24484-9	143
2296	Role of adiponectin in preventing vascular stenosis. The missing link of adipo-vascular axis. <b>2002</b> , 277, 37487-91	604
2295	Adiponectin and leptin levels in HIV-infected subjects with insulin resistance and body fat redistribution. <b>2002</b> , 31, 514-20	92
2294	Early clinical development of pharmaceuticals for type 2 diabetes mellitus: from preclinical models to human investigation. <b>2002</b> , 87, 5362-6	9
2293	Novel insulin sensitizers: pharmacogenomic aspects. <b>2002</b> , 3, 99-116	31
2292	Leptin-replacement therapy in lipodystrophy. <b>2002</b> , 346, 2008; author reply 2009-10	3
2291	Effect of acute cold exposure on the expression of the adiponectin, resistin and leptin genes in rat white and brown adipose tissues. <b>2002</b> , 34, 629-34	46

2290	Direct peripheral effects of ghrelin include suppression of adiponectin expression. <b>2002</b> , 34, 640-5	71
2289	Adiponectin--its role in metabolism and beyond. <b>2002</b> , 34, 469-74	261
2288	Relationship between serum adiponectin concentration and intramyocellular lipid stores in humans. <b>2002</b> , 34, 646-9	47
2287	Plasma adiponectin concentrations in children: relationships with obesity and insulinemia. <b>2002</b> , 87, 4652-6	237
2286	Differences in adiponectin protein expression: effect of fat depots and type 2 diabetic status. <b>2002</b> , 34, 650-4	113
2285	Novel synthetic retinoids and separation of the pleiotropic retinoidal activities. <b>2002</b> , 9, 591-608	89
2284	Sex steroid biosynthesis in white adipose tissue. <b>2002</b> , 34, 731-6	65
2283	Negative regulation of adipose-expressed galectin-12 by isoproterenol, tumor necrosis factor alpha, insulin and dexamethasone. <b>2002</b> , 147, 553-9	12
2282	Differential regulation of adiponectin secretion from cultured human omental and subcutaneous adipocytes: effects of insulin and rosiglitazone. <b>2002</b> , 87, 5662-7	354
2281	Induction of adipocyte complement-related protein of 30 kilodaltons by PPARgamma agonists: a potential mechanism of insulin sensitization. <b>2002</b> , 143, 998-1007	488
2280	Hydroxylation and glycosylation of the four conserved lysine residues in the collagenous domain of adiponectin. Potential role in the modulation of its insulin-sensitizing activity. <b>2002</b> , 277, 19521-9	244
2279	Decreased plasma adiponectin concentrations in women with dyslipidemia. <b>2002</b> , 87, 2764-9	423
2278	Transplantation of adipose tissue lacking leptin is unable to reverse the metabolic abnormalities associated with lipoatrophy. <b>2002</b> , 51, 2727-33	113
2277	Inverse relationship between plasma adiponectin and leptin concentrations in normal-weight and obese women. <b>2002</b> , 147, 173-80	361
2276	Microarray analyses during adipogenesis: understanding the effects of Wnt signaling on adipogenesis and the roles of liver X receptor alpha in adipocyte metabolism. <b>2002</b> , 22, 5989-99	209
2275	Gene expression profile of adipocyte differentiation and its regulation by peroxisome proliferator-activated receptor-gamma agonists. <b>2002</b> , 143, 2106-18	146
2274	Adiponectin is stimulated by adrenalectomy in ob/ob mice and is highly correlated with resistin mRNA. <b>2002</b> , 283, E1266-71	57
2273	Molecular links between obesity and cardiovascular disease. <b>2002</b> , 9, 516-21	17

2272	New factors in the regulation of adipose differentiation and metabolism. <b>2002</b> , 13, 241-5	55
2271	Fatty acids, triglycerides, and glucose metabolism: recent insights from knockout mice. <b>2002</b> , 5, 359-63	13
2270	Emerging concepts in the pathophysiology and treatment of obesity-associated hypertension. <b>2002</b> , 17, 355-9	31
2269	Control of energy homeostasis and insulin action by adipocyte hormones: leptin, acylation stimulating protein, and adiponectin. <b>2002</b> , 13, 51-9	411
2268	PPAR agonists in health and disease: a pathophysiologic and clinical overview. <b>2002</b> , 9, 285-302	12
2267	Overexpression of muscle lipoprotein lipase and insulin sensitivity. <b>2002</b> , 5, 569-74	27
2266	Peroxisome-proliferator-activated receptor-alpha (PPARalpha) deficiency leads to dysregulation of hepatic lipid and carbohydrate metabolism by fatty acids and insulin. <b>2002</b> , 364, 361-8	116
2265	Pre- and post-translational negative effect of beta-adrenoceptor agonists on adiponectin secretion: in vitro and in vivo studies. <b>2002</b> , 367, 677-85	119
2264	The underlying basis for obesity: relationship to cancer. <b>2002</b> , 132, 3451S-3455S	131
2263	Overexpression and ribozyme-mediated targeting of transcriptional coactivators CREB-binding protein and p300 revealed their indispensable roles in adipocyte differentiation through the regulation of peroxisome proliferator-activated receptor gamma. <b>2002</b> , 277, 16906-12	114
2262	Searching for type 2 diabetes genes: prospects in pharmacotherapy. <b>2002</b> , 2, 25-9	12
2261	Adiponectin is not altered with exercise training despite enhanced insulin action. <b>2002</b> , 283, E861-5	219
2260	Options for pharmacological management of obesity in patients treated with atypical antipsychotics. <b>2002</b> , 17, 145-60	70
2259	Adipose tissue hormones. <b>2002</b> , 25, 855-61	138
2258	Synthetic peroxisome proliferator-activated receptor-gamma agonist, rosiglitazone, increases plasma levels of adiponectin in type 2 diabetic patients. <b>2002</b> , 25, 376-80	356
2257	Increased beta -oxidation but no insulin resistance or glucose intolerance in mice lacking adiponectin. <b>2002</b> , 277, 34658-61	228
2256	The peroxisome proliferator-activated receptor-gamma2 Pro12Ala polymorphism. <b>2002</b> , 51, 2341-7	274
2255	Beta-cell dysfunction and insulin resistance in type 2 diabetes: role of metabolic and genetic abnormalities. <b>2002</b> , 113 Suppl 6A, 3S-11S	169

2254	Hormonal regulation of adiponectin gene expression in 3T3-L1 adipocytes. <b>2002</b> , 290, 1084-9	527
2253	The concurrent accumulation of intra-abdominal and subcutaneous fat explains the association between insulin resistance and plasma leptin concentrations : distinct metabolic effects of two fat compartments. <b>2002</b> , 51, 1005-15	311
2252	Optimizing the diabetic formulary: beyond aspirin and insulin. <b>2002</b> , 40, 652-61	24
2251	Adipose tissue as an endocrine organ. <b>2002</b> , 16, 639-51	76
2250	Pharmacological approaches for the treatment of obesity. <b>2002</b> , 62, 915-44	30
2249	PPAR(gamma) and glucose homeostasis. <b>2002</b> , 22, 167-97	358
2248	Oxidative stress and stress-activated signaling pathways: a unifying hypothesis of type 2 diabetes. <b>2002</b> , 23, 599-622	1577
2247	Disruption of adiponectin causes insulin resistance and neointimal formation. <b>2002</b> , 277, 25863-6	967
2246	The effects of rosiglitazone on insulin sensitivity, lipolysis, and hepatic and skeletal muscle triglyceride content in patients with type 2 diabetes. <b>2002</b> , 51, 797-802	549
2245	Plasma adiponectin concentration is associated with skeletal muscle insulin receptor tyrosine phosphorylation, and low plasma concentration precedes a decrease in whole-body insulin sensitivity in humans. <b>2002</b> , 51, 1884-8	453
2244	The effect of thiazolidinediones on plasma adiponectin levels in normal, obese, and type 2 diabetic subjects. <b>2002</b> , 51, 2968-74	605
2243	The dawn of the SPPARMs?. <b>2002</b> , 2002, pe9	35
2242	Androgens decrease plasma adiponectin, an insulin-sensitizing adipocyte-derived protein. <b>2002</b> , 51, 2734-41	630
2241	Novel retinoid X receptor antagonists: specific inhibition of retinoid synergism in RXR-RAR heterodimer actions. <b>2002</b> , 45, 3327-30	69
2240	Adiponectin enhances insulin action by decreasing ectopic fat deposition. <b>2002</b> , 2, 4-7	21
2239	A haplotype at the adiponectin locus is associated with obesity and other features of the insulin resistance syndrome. <b>2002</b> , 51, 2306-12	372
2238	Single-nucleotide polymorphism haplotypes in the both proximal promoter and exon 3 of the APM1 gene modulate adipocyte-secreted adiponectin hormone levels and contribute to the genetic risk for type 2 diabetes in French Caucasians. <b>2002</b> , 11, 2607-14	371
2237	Genetic variation in the gene encoding adiponectin is associated with an increased risk of type 2 diabetes in the Japanese population. <b>2002</b> , 51, 536-40	592

2236	Genetics of obesity. <b>2002</b> , 2, 177-87	50
2235	Leptin-replacement therapy for lipodystrophy. <b>2002</b> , 346, 570-8	957
2234	Adiponectin and development of type 2 diabetes in the Pima Indian population. <b>2002</b> , 360, 57-8	904
2233	Effect of metformin on adipose tissue resistin expression in db/db mice. <b>2002</b> , 298, 345-9	46
2232	Brown adipocytes are novel sites of expression and regulation of adiponectin and resistin. <b>2002</b> , 532, 345-50	84
2231	Young men with high-normal blood pressure have lower serum adiponectin, smaller LDL size, and higher elevated heart rate than those with optimal blood pressure. <b>2002</b> , 25, 971-6	231
2230	PPAR(gamma)2 gene Pro12Ala polymorphism may influence serum level of an adipocyte-derived protein, adiponectin, in the Japanese population. <b>2002</b> , 51, 1407-9	71
2229	Recent progress in the understanding of the structure-function relationships of the globular head regions of C1q. <b>2002</b> , 205, 355-64	84
2228	Decreases in serum uric acid by amelioration of insulin resistance in overweight hypertensive patients: effect of a low-energy diet and an insulin-sensitizing agent. <b>2002</b> , 15, 697-701	65
2227	Mouse models for human deafness: current tools for new fashions. <b>2002</b> , 8, 447-51	29
2226	Adipogenesis and fat-cell function in obesity and diabetes. <b>2002</b> , 8, 442-7	160
2225	Adipose tissue selective insulin receptor knockout protects against obesity and obesity-related glucose intolerance. <b>2002</b> , 3, 25-38	635
2224	Resistin and obesity-associated insulin resistance. <b>2002</b> , 13, 18-23	386
2223	ACRP30/adiponectin: an adipokine regulating glucose and lipid metabolism. <b>2002</b> , 13, 84-9	953
2222	Regulation of adiponectin and leptin gene expression in white and brown adipose tissues: influence of beta3-adrenergic agonists, retinoic acid, leptin and fasting. <b>2002</b> , 1584, 115-22	120
2221	Lipoapoptosis: its mechanism and its diseases. <b>2002</b> , 1585, 202-12	259
2220	[The irresistible ascent of the adipose cell]. <b>2002</b> , 118, 619-21	
2219	Evidence-Based Definition and Classification: A Commentary. 37-42	

2218	Diabetes, obesity, and Acrp30/adiponectin. <b>2002</b> , 33, 654, 656, 658 passim		10
2217	Overview of biomarkers and surrogate endpoints in drug development. <b>2002</b> , 18, 41-6		97
2216	Predictive value of the adipocyte-derived plasma protein adiponectin for restenosis after elective coronary stenting. <b>2002</b> , 43, 85-91		20
2215	ACRP30, a new hormone controlling fat and glucose metabolism. <b>2002</b> , 440, 213-21		197
2214	Insulin resistance as the core defect in type 2 diabetes mellitus. <b>2002</b> , 90, 3G-10G		232
2213	Anti-aging effects of caloric restriction: Involvement of neuroendocrine adaptation by peripheral signaling. <b>2002</b> , 59, 317-24		42
2212	The role of increased liver triglyceride content: a culprit of diabetic hyperglycaemia?. <b>2002</b> , 18, 5-12		52
2211	An adipocentric view of signaling and intracellular trafficking. <b>2002</b> , 18, 345-56		130
2210	Emerging paradigms for understanding fatness and diabetes risk. <b>2002</b> , 2, 223-30		27
2209	Vascular signaling pathways in the metabolic syndrome. <b>2002</b> , 4, 105-11		23
2208	Adiponectin: a link between excess adiposity and associated comorbidities?. <b>2002</b> , 80, 696-702		285
2207	Knockout models are useful tools to dissect the pathophysiology and genetics of insulin resistance. <b>2002</b> , 57, 1-9		60
2206	Impaired ('diabetic') insulin signaling and action occur in fat cells long before glucose intolerance--is insulin resistance initiated in the adipose tissue?. <b>2002</b> , 26, 897-904		144
2205	A central role for JNK in obesity and insulin resistance. <b>2002</b> , 420, 333-6		2561
2204	Increased insulin sensitivity despite lipodystrophy in Crebbp heterozygous mice. <b>2002</b> , 30, 221-6		130
2203	Diet-induced insulin resistance in mice lacking adiponectin/ACRP30. <i>Nature Medicine</i> , <b>2002</b> , 8, 731-7	50.5	1716
2202	Adiponectin stimulates glucose utilization and fatty-acid oxidation by activating AMP-activated protein kinase. <i>Nature Medicine</i> , <b>2002</b> , 8, 1288-95	50.5	3232
2201	Plasma adiponectin levels are not associated with fat oxidation in humans. <b>2002</b> , 10, 1016-20		22



2200	Resistin and adiponectin expression in visceral fat of obese rats: effect of weight loss. <b>2002</b> , 10, 1095-103	130
2199	Plasma adiponectin levels in overweight and obese Asians. <b>2002</b> , 10, 1104-10	148
2198	Resistin and adiponectin--of mice and men. <b>2002</b> , 10, 1197-9	24
2197	Thiazolidinediones in the treatment of type 2 diabetes. <b>2002</b> , 3, 529-40	22
2196	Adipose tissue as a buffer for daily lipid flux. <b>2002</b> , 45, 1201-10	536
2195	Thiazolidinediones: metabolic actions in vitro. <b>2002</b> , 45, 1211-23	75
2194	The metabolic abnormalities associated with non-alcoholic fatty liver disease. <b>2002</b> , 16, 709-31	102
2193	The endocrine system in diabetes mellitus. <b>2002</b> , 18, 105-19	21
2192	Adiponectin: a regulator of energy homeostasis. <b>2003</b> , 61, 290-2	59
2191	Lipoatrophic diabetes and other related syndromes. <b>2003</b> , 4, 61-77	17
2190	Minireview: lipid metabolism, metabolic diseases, and peroxisome proliferator-activated receptors. <b>2003</b> , 144, 2201-7	712
2189	Nuclear receptors and the control of metabolism. <b>2003</b> , 65, 261-311	500
2188	Identification of regulatory elements in the human adipose most abundant gene transcript-1 ( apM-1) promoter: role of SP1/SP3 and TNF-alpha as regulatory pathways. <b>2002</b> , 45, 1425-33	59
2187	Insulin down-regulates resistin mRNA through the synthesis of protein(s) that could accelerate the degradation of resistin mRNA in 3T3-L1 adipocytes. <b>2003</b> , 46, 231-40	45
2186	Adipose tissue as an endocrine organ: role of leptin and adiponectin in the pathogenesis of cardiovascular diseases. <b>2003</b> , 59, 51-60	92
2185	Adipokines, inflammation, and the endothelium in diabetes. <b>2003</b> , 3, 293-8	154
2184	The genetics of adiponectin. <b>2003</b> , 3, 151-8	75
2183	Lessons for human diabetes from experimental mouse models. <b>2003</b> , 3, 168-75	3

2182	Adiponectin: systemic contributor to insulin sensitivity. <b>2003</b> , 3, 207-13	197
2181	Allele-specific differential expression of a common adiponectin gene polymorphism related to obesity. <b>2003</b> , 81, 428-34	106
2180	Resistin: molecular history and prognosis. <b>2003</b> , 81, 218-26	102
2179	Genetic epistasis of adiponectin and PPARgamma2 genotypes in modulation of insulin sensitivity: a family-based association study. <b>2003</b> , 46, 977-83	56
2178	Induction of adiponectin gene expression in human myotubes by an adiponectin-containing HEK293 cell culture supernatant. <b>2003</b> , 46, 956-60	26
2177	Regulation of adipocytokines and insulin resistance. <b>2003</b> , 46, 1594-603	417
2176	Clinical and pathophysiological consequences of abdominal adiposity and abdominal adipose tissue depots. <b>2003</b> , 19, 457-66	198
2175	The impact of ethnicity on type 2 diabetes. <b>2003</b> , 17, 39-58	169
2174	Neuroendocrinology of insulin resistance: metabolic and endocrine aspects of adiposity. <b>2003</b> , 480, 31-42	19
2173	The central role of fat and effect of peroxisome proliferator-activated receptor-gamma on progression of insulin resistance and cardiovascular disease. <b>2003</b> , 92, 3J-9J	79
2172	White adipose tissue: getting nervous. <b>2003</b> , 15, 1005-10	81
2171	The role of intramuscular lipid in insulin resistance. <b>2003</b> , 178, 373-83	174
2170	Circulating adiponectin levels during human endotoxaemia. <b>2003</b> , 134, 107-10	41
2169	Hyperadiponectinaemia in anorexia nervosa. <b>2003</b> , 58, 22-9	90
2168	PPARgamma and metabolism: insights from the study of human genetic variants. <b>2003</b> , 59, 267-77	61
2167	Perturbations in adiponectin, leptin and resistin levels in acromegaly: lack of correlation with insulin resistance. <b>2003</b> , 58, 736-42	55
2166	Serum concentrations of adipocytokines in patients with hyperthyroidism and hypothyroidism before and after control of thyroid function. <b>2003</b> , 59, 621-9	94
2165	Plasma adiponectin increases postprandially in obese, but not in lean, subjects. <b>2003</b> , 11, 839-44	54

2164	Reduced expression of FOXC2 and brown adipogenic genes in human subjects with insulin resistance. <b>2003</b> , 11, 1182-91	109
2163	Endothelial dysfunction in obesity and insulin resistance: a road to diabetes and heart disease. <b>2003</b> , 11, 1278-89	273
2162	Lower serum adiponectin levels in African-American boys. <b>2003</b> , 11, 1384-90	48
2161	Relationship of serum adiponectin and leptin concentrations with body fat distribution in humans. <b>2003</b> , 11, 368-72	171
2160	Cloning of adiponectin receptors that mediate antidiabetic metabolic effects. <b>2003</b> , 423, 762-9	2453
2159	Integrative physiology of human adipose tissue. <b>2003</b> , 27, 875-88	291
2158	Adiponectin levels do not change with moderate dietary induced weight loss and exercise in obese postmenopausal women. <b>2003</b> , 27, 1066-71	130
2157	Intermittent hypoxia increases insulin resistance in genetically obese mice. <b>2003</b> , 552, 253-64	267
2156	Plasma adiponectin concentrations in relation to endometrial cancer: a case-control study in Greece. <b>2003</b> , 88, 993-7	196
2155	Insulin sensitizers. <b>2003</b> , 78, 471-9	26
2154	Thiazolidinediones in type 2 diabetes mellitus: current clinical evidence. <b>2003</b> , 63, 1373-405	217
2153	Adiponectin expression from human adipose tissue: relation to obesity, insulin resistance, and tumor necrosis factor-alpha expression. <b>2003</b> , 52, 1779-85	678
2152	Globular adiponectin protected ob/ob mice from diabetes and ApoE-deficient mice from atherosclerosis. <b>2003</b> , 278, 2461-8	676
2151	The physiological role of resistin and its connection with metabolic diseases. <b>2003</b> , 26, 1171-3	1
2150	Inflammatory markers, adiponectin, and risk of type 2 diabetes in the Pima Indian. <b>2003</b> , 26, 1745-51	279
2149	Body fat mass and macronutrient intake in relation to circulating soluble leptin receptor, free leptin index, adiponectin, and resistin concentrations in healthy humans. <b>2003</b> , 88, 1730-6	327
2148	Obesity as a cardiovascular risk factor. <b>2003</b> , 115 Suppl 8A, 37S-41S	378
2147	Plasma adiponectin concentration before and after successful kidney transplantation. <b>2003</b> , 35, 2186-9	108

2146	The clinical uses of leptin. <b>2003</b> , 3, 655-9	35
2145	Conjugated linoleic acid enhances plasma adiponectin level and alleviates hyperinsulinemia and hypertension in Zucker diabetic fatty (fa/fa) rats. <b>2003</b> , 310, 562-6	128
2144	Regulation of adiponectin secretion by endothelin-1. <b>2003</b> , 312, 945-9	34
2143	Genetics and pathophysiology of human obesity. <b>2003</b> , 54, 453-71	268
2142	Abietic acid activates peroxisome proliferator-activated receptor-gamma (PPARgamma) in RAW264.7 macrophages and 3T3-L1 adipocytes to regulate gene expression involved in inflammation and lipid metabolism. <b>2003</b> , 550, 190-4	66
2141	Peroxisome-proliferator-activated receptor delta activates fat metabolism to prevent obesity. <b>2003</b> , 113, 159-70	1098
2140	Low resistin levels in adipose tissues and serum in high-fat fed mice and genetically obese mice: development of an ELISA system for quantification of resistin. <b>2003</b> , 416, 164-70	49
2139	Reduced expression of PGC-1 and insulin-signaling molecules in adipose tissue is associated with insulin resistance. <b>2003</b> , 301, 578-82	121
2138	Adiponectin gene expression and secretion is inhibited by interleukin-6 in 3T3-L1 adipocytes. <b>2003</b> , 301, 1045-50	414
2137	Disturbed secretion of mutant adiponectin associated with the metabolic syndrome. <b>2003</b> , 306, 286-92	60
2136	Adiponectin gene activation by thiazolidinediones requires PPAR gamma 2, but not C/EBP alpha-evidence for differential regulation of the aP2 and adiponectin genes. <b>2003</b> , 308, 933-9	105
2135	Effect of thiazolidinediones on glucose and fatty acid metabolism in patients with type 2 diabetes. <b>2003</b> , 52, 753-9	93
2134	Mutations in the adiponectin gene in lean and obese subjects from the Swedish obese subjects cohort. <b>2003</b> , 52, 881-4	77
2133	Fat depot-specific expression of adiponectin is impaired in Zucker fatty rats. <b>2003</b> , 52, 958-63	64
2132	Effects of tibolone and conjugated equine estrogens with or without medroxyprogesterone acetate on body composition and fasting carbohydrate measures in surgically postmenopausal monkeys. <b>2003</b> , 52, 1085-91	29
2131	C-reactive protein in young, apparently healthy men: associations with serum leptin, QTc interval, and high-density lipoprotein-cholesterol. <b>2003</b> , 52, 1113-6	96
2130	Hypoadiponectinemia is associated with visceral fat accumulation and insulin resistance in Japanese men with type 2 diabetes mellitus. <b>2003</b> , 52, 1274-8	261
2129	Adiponectin: linking the fat cell to insulin sensitivity. <b>2003</b> , 362, 1431-2	90

2128	Contract for UK consultants--round 2: medical profession KO'd, OK?. <b>2003</b> , 362, 1432	2
2127	Adipokine genes and the insulin-resistance syndrome. <b>2003</b> , 1253, 63-71	
2126	The genetics of adiponectin. <b>2003</b> , 1253, 37-44	4
2125	[Metabolic and secretory activities of adipocytes]. <b>2003</b> , 51, 238-40	
2124	Minireview: The adipocyte--at the crossroads of energy homeostasis, inflammation, and atherosclerosis. <b>2003</b> , 144, 3765-73	955
2123	Decreased plasma adiponectin concentration in patients with essential hypertension. <b>2003</b> , 16, 72-5	285
2122	Obesity-associated activation of angiotensin and endothelin in the cardiovascular system. <b>2003</b> , 35, 826-37	84
2121	Genetic modulation of PPARgamma phosphorylation regulates insulin sensitivity. <b>2003</b> , 5, 657-63	176
2120	Novel targets and therapeutic strategies for type 2 diabetes. <b>2003</b> , 14, 169-75	51
2119	Síndrome metabólico, resistencia a la insulina y metabolismo tisular. <b>2003</b> , 50, 324-333	6
2118	Adiponectin in human cord blood: relation to fetal birth weight and gender. <b>2003</b> , 88, 5656-60	165
2117	Regulation of adiponectin by adipose tissue-derived cytokines: in vivo and in vitro investigations in humans. <b>2003</b> , 285, E527-33	542
2116	Serum adiponectin levels in women with polycystic ovary syndrome. <b>2003</b> , 18, 1790-6	115
2115	Minireview: adiposity, inflammation, and atherogenesis. <b>2003</b> , 144, 2195-200	610
2114	Contributions of insulin-resistance and insulin-secretory defects to the pathogenesis of type 2 diabetes mellitus. <b>2003</b> , 78, 447-56	135
2113	The metabolic syndrome: peroxisome proliferator-activated receptor gamma and its therapeutic modulation. <b>2003</b> , 88, 2412-21	148
2112	Antimicrobial periodontal treatment decreases serum C-reactive protein, tumor necrosis factor-alpha, but not adiponectin levels in patients with chronic periodontitis. <b>2003</b> , 74, 1231-6	129
2111	Adiponectin: more than just another fat cell hormone?. <b>2003</b> , 26, 2442-50	749

2110	Plasma resistin, adiponectin and leptin levels in lean and obese subjects: correlations with insulin resistance. <b>2003</b> , 149, 331-5	443
2109	IL-1 plays an important role in lipid metabolism by regulating insulin levels under physiological conditions. <b>2003</b> , 198, 877-88	163
2108	GH is a positive regulator of tumor necrosis factor alpha-induced adipose related protein in 3T3-L1 adipocytes. <b>2003</b> , 178, 523-31	20
2107	Association between adiponectin and mediators of inflammation in obese women. <b>2003</b> , 52, 942-7	345
2106	Hypoadiponectinemia is associated with insulin resistance, hypertriglyceridemia, and fat redistribution in human immunodeficiency virus-infected patients treated with highly active antiretroviral therapy. <b>2003</b> , 88, 627-36	180
2105	A novel cellular marker of insulin resistance and early atherosclerosis in humans is related to impaired fat cell differentiation and low adiponectin. <b>2003</b> , 17, 1434-40	95
2104	Diurnal and ultradian dynamics of serum adiponectin in healthy men: comparison with leptin, circulating soluble leptin receptor, and cortisol patterns. <b>2003</b> , 88, 2838-43	265
2103	Differential effects of rosiglitazone on skeletal muscle and liver insulin resistance in A-ZIP/F-1 fatless mice. <b>2003</b> , 52, 1311-8	82
2102	A role for suppressed thermogenesis favoring catch-up fat in the pathophysiology of catch-up growth. <b>2003</b> , 52, 1090-7	96
2101	Circulating adiponectin levels are reduced in nonobese but insulin-resistant first-degree relatives of type 2 diabetic patients. <b>2003</b> , 52, 1182-6	127
2100	Increased insulin sensitivity and hypoinsulinemia in APS knockout mice. <b>2003</b> , 52, 2657-65	76
2099	Sexual differentiation, pregnancy, calorie restriction, and aging affect the adipocyte-specific secretory protein adiponectin. <b>2003</b> , 52, 268-76	457
2098	Two adjacent trimeric Fas ligands are required for Fas signaling and formation of a death-inducing signaling complex. <b>2003</b> , 23, 1428-40	328
2097	Antagonism of ghrelin receptor reduces food intake and body weight gain in mice. <b>2003</b> , 52, 947-52	368
2096	Blockade of the renin-angiotensin system increases adiponectin concentrations in patients with essential hypertension. <b>2003</b> , 42, 76-81	409
2095	Decreased plasma adiponectin concentrations in nondiabetic women with elevated homeostasis model assessment ratios. <b>2003</b> , 148, 343-50	44
2094	The role of the novel adipocyte-derived hormone adiponectin in human disease. <b>2003</b> , 148, 293-300	767
2093	Adiponectin: stability in plasma over 36 hours and within-person variation over 1 year. <b>2003</b> , 49, 650-2	127

2092	Positive and negative roles of p85 alpha and p85 beta regulatory subunits of phosphoinositide 3-kinase in insulin signaling. <b>2003</b> , 278, 48453-66	164
2091	Adiposity elevates plasma MCP-1 levels leading to the increased CD11b-positive monocytes in mice. <b>2003</b> , 278, 46654-60	242
2090	Peripheral, but not central, administration of adiponectin reduces visceral adiposity and upregulates the expression of uncoupling protein in agouti yellow (Ay/a) obese mice. <b>2003</b> , 52, 2266-73	125
2089	Adiponectin gene expression in subcutaneous adipose tissue of obese women in response to short-term very low calorie diet and refeeding. <b>2003</b> , 88, 5881-6	56
2088	Diabetes mellitus in the era of proteomics. <b>2003</b> , 2, 399-404	23
2087	Impaired multimerization of human adiponectin mutants associated with diabetes. Molecular structure and multimer formation of adiponectin. <b>2003</b> , 278, 40352-63	751
2086	Plasma adiponectin and endogenous glucose production in humans. <b>2003</b> , 26, 3315-9	89
2085	Changes in adipokine expression during food deprivation in the mouse and the relationship to fasting-induced insulin resistance. <b>2003</b> , 81, 979-85	16
2084	Weight gain associated with atypical antipsychotic drugs: mechanisms and management. <b>2003</b> , 3, 59-68	8
2083	Low adiponectin levels in adolescent obesity: a marker of increased intramyocellular lipid accumulation. <b>2003</b> , 88, 2014-8	154
2082	Involvement of AMP-activated protein kinase in glucose uptake stimulated by the globular domain of adiponectin in primary rat adipocytes. <b>2003</b> , 52, 1355-63	376
2081	Adipose-specific peroxisome proliferator-activated receptor gamma knockout causes insulin resistance in fat and liver but not in muscle. <b>2003</b> , 100, 15712-7	776
2080	Clinical worth of adiponectin levels in obesity and glycemic control of Japanese type 2 diabetic patients. <b>2003</b> , 26, 3198	7
2079	Adiponectin stimulates production of nitric oxide in vascular endothelial cells. <b>2003</b> , 278, 45021-6	746
2078	Induction of adiponectin, a fat-derived antidiabetic and antiatherogenic factor, by nuclear receptors. <b>2003</b> , 52, 1655-63	620
2077	Adiponectin is present in cord blood but is unrelated to birth weight. <b>2003</b> , 26, 2244-9	128
2076	Genome-wide linkage analysis of serum adiponectin in the Pima Indian population. <b>2003</b> , 52, 2419-25	84
2075	Role of disulfide bonds in Acrp30/adiponectin structure and signaling specificity. Different oligomers activate different signal transduction pathways. <b>2003</b> , 278, 50810-7	365

2074	Adiponectin expression in adipose tissue is reduced in first-degree relatives of type 2 diabetic patients. <b>2003</b> , 284, E443-8	57
2073	Structure-function studies of the adipocyte-secreted hormone Acrp30/adiponectin. Implications for metabolic regulation and bioactivity. <b>2003</b> , 278, 9073-85	816
2072	Effects of growth hormone (GH) on ghrelin, leptin, and adiponectin in GH-deficient patients. <b>2003</b> , 88, 5193-8	110
2071	Association of hypoadiponectinemia with coronary artery disease in men. <b>2003</b> , 23, 85-9	1212
2070	Peroxisome proliferator-activated receptor (PPAR)-alpha activation prevents diabetes in OLETF rats: comparison with PPAR-gamma activation. <b>2003</b> , 52, 2331-7	135
2069	Sustained peripheral expression of transgene adiponectin offsets the development of diet-induced obesity in rats. <b>2003</b> , 100, 14217-22	204
2068	The cannabinoid CB1 receptor antagonist SR141716 increases Acrp30 mRNA expression in adipose tissue of obese fa/fa rats and in cultured adipocyte cells. <b>2003</b> , 63, 908-14	536
2067	Decreased serum levels of adiponectin are a risk factor for the progression to type 2 diabetes in the Japanese Population: the Funagata study. <b>2003</b> , 26, 2015-20	291
2066	Identification of epistatic interaction involved in obesity using the KK/Ta mouse as a Type 2 diabetes model: is Zn-alpha2 glycoprotein-1 a candidate gene for obesity?. <b>2003</b> , 52, 2175-81	54
2065	Human metabolic syndrome resulting from dominant-negative mutations in the nuclear receptor peroxisome proliferator-activated receptor-gamma. <b>2003</b> , 52, 910-7	361
2064	Adipocyte-selective reduction of the leptin receptors induced by antisense RNA leads to increased adiposity, dyslipidemia, and insulin resistance. <b>2003</b> , 278, 45638-50	79
2063	Protective immunity against Helicobacter is characterized by a unique transcriptional signature. <b>2003</b> , 100, 12289-94	53
2062	Insulin resistance and chronic cardiovascular inflammatory syndrome. <b>2003</b> , 24, 278-301	653
2061	Plasma adiponectin and leptin levels, body composition, and glucose utilization in adult women with wide ranges of age and obesity. <b>2003</b> , 26, 2383-8	211
2060	Segment of rat chromosome 20 regulates diet-induced augmentations in adiposity, glucose intolerance, and blood pressure. <b>2003</b> , 41, 1047-55	21
2059	Plasma adiponectin concentrations predict insulin sensitivity of both glucose and lipid metabolism. <b>2003</b> , 52, 239-43	483
2058	Elevated serum C-reactive protein and free fatty acids among nondiabetic carriers of missense mutations in the gene encoding lamin A/C (LMNA) with partial lipodystrophy. <b>2003</b> , 23, 111-6	54
2057	High stability of markers of cardiovascular risk in blood samples. <b>2003</b> , 49, 652-5	27



2056	Adiponectin, a fat cell product, influences the earliest lymphocyte precursors in bone marrow cultures by activation of the cyclooxygenase-prostaglandin pathway in stromal cells. <b>2003</b> , 171, 5091-9	108
2055	Thiazolidinediones -- some recent developments. <b>2003</b> , 12, 1179-87	52
2054	Molecular identification and characterization of a novel nuclear protein whose expression is up-regulated in insulin-resistant animals. <b>2003</b> , 278, 3514-20	57
2053	Increased expression of TNF-alpha, IL-6, and IL-8 in HALS: implications for reduced adiponectin expression and plasma levels. <b>2003</b> , 285, E1072-80	148
2052	Central and peripheral fat mass have contrasting effect on the progression of aortic calcification in postmenopausal women. <b>2003</b> , 24, 1531-7	53
2051	Regulation of adiponectin in human immunodeficiency virus-infected patients: relationship to body composition and metabolic indices. <b>2003</b> , 88, 1559-64	86
2050	Anorexia nervosa is characterized by increased adiponectin plasma levels and reduced nonoxidative glucose metabolism. <b>2003</b> , 88, 1748-52	130
2049	Adipocytokines in anorexia nervosa: a review focusing on leptin and adiponectin. <b>2003</b> , 35, 337-42	73
2048	Interleukin (IL)-6 mRNA expression is stimulated by insulin, isoproterenol, tumour necrosis factor alpha, growth hormone, and IL-6 in 3T3-L1 adipocytes. <b>2003</b> , 35, 147-52	119
2047	Ghrelin and adipose tissue regulatory peptides: effect of gastric bypass surgery in obese humans. <b>2003</b> , 88, 3177-83	263
2046	Functional characterization of the human resistin promoter with adipocyte determination- and differentiation-dependent factor 1/sterol regulatory element binding protein 1c and CCAAT enhancer binding protein-alpha. <b>2003</b> , 17, 1522-33	52
2045	Plasma adiponectin levels in women with anorexia nervosa. <b>2003</b> , 35, 537-40	45
2044	Plasma adiponectin levels and blood pressures in nondiabetic adolescent females. <b>2003</b> , 88, 4130-4	63
2043	Serum adiponectin levels are inversely associated with overall and central fat distribution but are not directly regulated by acute fasting or leptin administration in humans: cross-sectional and interventional studies. <b>2003</b> , 88, 4823-31	350
2042	A new cell secreting insulin. <b>2003</b> , 144, 1585-93	33
2041	Adipocytokines, body composition, and fitness in children. <b>2003</b> , 53, 148-52	147
2040	Mechanisms of the free fatty acid-induced increase in hepatic glucose production. <b>2003</b> , 284, E863-73	177
2039	Opposite changes in circulating adiponectin in women with bulimia nervosa or binge eating disorder. <b>2003</b> , 88, 5387-91	30

2038	Fat distribution, lipid accumulation in the liver, and exercise capacity do not explain the insulin resistance in healthy males with a family history for type 2 diabetes. <b>2003</b> , 88, 4232-8	27
2037	Adiponectin responses to continuous and progressively intense intermittent exercise. <b>2003</b> , 35, 1320-5	59
2036	Serum adipocytokines are related to lipodystrophy and metabolic disorders in HIV-infected men under antiretroviral therapy. <b>2003</b> , 17, 1503-11	161
2035	New progress in adipocytokine research. <b>2003</b> , 10, 115-121	13
2034	The metabolic syndrome and type 2 diabetes: role of the adipocyte. <b>2003</b> , 14, 549-53	11
2033	Plasma adiponectin plays an important role in improving insulin resistance with glimepiride in elderly type 2 diabetic subjects. <b>2003</b> , 26, 285-9	122
2032	Current World Literature. <b>2003</b> , 6, 241-270	
2031	Molecular and Cellular Aspects of Insulin Resistance: Implications for Diabetes. 171-200	3
2030	Molecular mechanism of insulin resistance and obesity. <b>2003</b> , 228, 1111-7	145
2029	The fat-derived hormone adiponectin alleviates alcoholic and nonalcoholic fatty liver diseases in mice. <b>2003</b> , 112, 91-100	890
2028	Resistance to high-fat diet-induced obesity and altered expression of adipose-specific genes in HSL-deficient mice. <b>2003</b> , 285, E1182-95	126
2027	Insulin resistance, intramyocellular lipid content, and plasma adiponectin in patients with type 1 diabetes. <b>2003</b> , 285, E1174-81	130
2026	Caveolin-1-deficient mice show insulin resistance and defective insulin receptor protein expression in adipose tissue. <b>2003</b> , 285, C222-35	270
2025	Extending the glucose/fatty acid cycle: a glucose/adipose tissue cycle. <b>2003</b> , 31, 1161-4	9
2024	A fat-enriched, glucose-enriched diet markedly attenuates adiponectin mRNA levels in rat epididymal adipose tissue. <b>2003</b> , 105, 403-8	39
2023	Relationship between exercise training-induced increase in insulin sensitivity and adiponectinemia in healthy men. <b>2003</b> , 50, 233-8	78
2022	The effect of leptin, tumor necrosis factor-alpha (TNF-alpha), and nitric oxide (NO) production on insulin resistance in Otsuka Long-Evans fatty rats. <b>2003</b> , 50, 673-80	16
2021	[The mechanisms by which PPARgamma and adiponectin regulate glucose and lipid metabolism]. <b>2003</b> , 122, 294-300	14

2020	Obesity and type-2 diabetes in the elderly. <b>2003</b> , 49, 137-45	8
2019	Literatur. <b>2003</b> ,	
2018	PPARs, Cell Differentiation, and Glucose Homeostasis. 309-326	
2017	. <b>2003</b> ,	2
2016	. <b>2003</b> ,	9
2015	[Adipocytokins, obesity and development of type 2 diabetes]. <b>2003</b> , 19, 809-17	10
2014	The tale of obesity: challenges and solutions. <b>2003</b> , 12, 53	
2013	Role of adiponectin in insulin-resistant hypertension and atherosclerosis. <b>2003</b> , 26, 705-10	45
2012	Adipose tissue and atherothrombosis. <b>2003</b> , 33, 290-7	49
2011	Improved beta-cell function after standardized weight reduction in severely obese subjects. <b>2003</b> , 284, E557-65	96
2010	Adiponectin is inversely related to plasminogen activator inhibitor type 1 in patients with stable exertional angina. <b>2004</b> , 91, 1026-30	30
2009	Relationships between plasma adiponectin and blood cells, hepatopancreatic enzymes in women. <b>2004</b> , 91, 360-6	15
2008	Hormonal and body composition predictors of soluble leptin receptor, leptin, and free leptin index in adolescent girls with anorexia nervosa and controls and relation to insulin sensitivity. <b>2004</b> , 89, 3486-95	109
2007	Effects of rosiglitazone on gene expression in subcutaneous adipose tissue in highly active antiretroviral therapy-associated lipodystrophy. <b>2004</b> , 286, E941-9	48
2006	Review: peroxisome proliferator-activated receptor-gamma and its role in the development and treatment of diabetes. <b>2004</b> , 5, 99-109	16
2005	Associations between White Blood Cell Count and Features of the Metabolic Syndrome. <b>2004</b> , 34, 280	2
2004	Obesity as the core of the metabolic syndrome and the management of coronary heart disease. <b>2004</b> , 20, 295-304	86
2003	Adiponutrin: A new gene regulated by energy balance in human adipose tissue. <b>2004</b> , 89, 2684-9	79

2002	Decreased plasma adiponectin concentrations are closely related to hepatic fat content and hepatic insulin resistance in pioglitazone-treated type 2 diabetic patients. <b>2004</b> , 89, 200-6	305
2001	Adiponectin mRNA levels in parametrial adipose tissue and serum adiponectin levels are reduced in mice during late pregnancy. <b>2004</b> , 36, 465-9	18
2000	Activation of the hexosamine signaling pathway in adipose tissue results in decreased serum adiponectin and skeletal muscle insulin resistance. <b>2004</b> , 145, 2118-28	63
1999	Adipose tissue adiponectin production and adiponectin serum concentration in human obesity and insulin resistance. <b>2004</b> , 89, 1391-6	172
1998	Biethnic comparisons of autosomal genomic scan for loci linked to plasma adiponectin in populations of Chinese and Japanese origin. <b>2004</b> , 89, 5772-8	35
1997	Adiponectin levels are reduced in children born small for gestational age and are inversely related to postnatal catch-up growth. <b>2004</b> , 89, 1346-51	111
1996	Adiponectin ameliorates dyslipidemia induced by the human immunodeficiency virus protease inhibitor ritonavir in mice. <b>2004</b> , 145, 487-94	97
1995	Cord plasma adiponectin: a 20-fold rise between 24 weeks gestation and term. <b>2004</b> , 89, 4031-6	108
1994	Sustained reduction in plasma free fatty acid concentration improves insulin action without altering plasma adipocytokine levels in subjects with strong family history of type 2 diabetes. <b>2004</b> , 89, 4649-55	87
1993	Serum adiponectin concentrations in newborn infants in early postnatal life. <b>2004</b> , 56, 690-3	70
1992	Leptin modulates orexigenic effects of ghrelin and attenuates adiponectin and insulin levels and selectively the dark-phase feeding as revealed by central leptin gene therapy. <b>2004</b> , 145, 4176-84	83
1991	Visceral obesity without insulin resistance in late-onset obesity rats. <b>2004</b> , 145, 2666-79	30
1990	Cellular and molecular mechanisms of adipose tissue plasticity in muscle insulin receptor knockout mice. <b>2004</b> , 145, 1926-32	39
1989	Adiponectin, an adipocyte-derived protein, predicts future insulin resistance: two-year follow-up study in Japanese population. <b>2004</b> , 89, 87-90	178
1988	Retinoids and retinoid receptors in the control of energy balance: novel pharmacological strategies in obesity and diabetes. <b>2004</b> , 11, 795-805	75
1987	Identification of influencing variables on adiponectin serum levels in diabetes mellitus type 1 and type 2. <b>2004</b> , 112, 383-9	24
1986	The 1st World Congress on the Insulin Resistance Syndrome. <b>2004</b> , 27, 602-9	13
1985	Peroxisome proliferator-activated receptor family and its relationship to renal complications of the metabolic syndrome. <b>2004</b> , 15, 2801-15	137

1984	An essential role of the JIP1 scaffold protein for JNK activation in adipose tissue. <b>2004</b> , 18, 1976-80	88
1983	Adiponectin, inflammation, and the expression of the metabolic syndrome in obese individuals: the impact of rapid weight loss through caloric restriction. <b>2004</b> , 89, 2697-703	218
1982	Prevention of obesity and insulin resistance in mice lacking plasminogen activator inhibitor 1. <b>2004</b> , 53, 336-46	325
1981	Expression of adiponectin receptor mRNA in human skeletal muscle cells is related to in vivo parameters of glucose and lipid metabolism. <b>2004</b> , 53, 2195-201	101
1980	Plasma adiponectin levels and risk of myocardial infarction in men. <b>2004</b> , 291, 1730-7	1335
1979	Selective disruption of PPARgamma 2 impairs the development of adipose tissue and insulin sensitivity. <b>2004</b> , 101, 10703-8	218
1978	Hypoadiponectinemia is an independent risk factor for hypertension. <b>2004</b> , 43, 1318-23	506
1977	T-cadherin is a receptor for hexameric and high-molecular-weight forms of Acrp30/adiponectin. <b>2004</b> , 101, 10308-13	662
1976	Peroxisome proliferator-activated receptor gamma: implications for cardiovascular disease. <b>2004</b> , 43, 297-305	124
1975	Combined adipocyte-macrophage fatty acid-binding protein deficiency improves metabolism, atherosclerosis, and survival in apolipoprotein E-deficient mice. <b>2004</b> , 110, 1492-8	160
1974	Adiponectin is independently associated with glycosylated haemoglobin. <b>2004</b> , 150, 201-5	13
1973	Dysadipocytokinaemia in werner syndrome and its recovery by treatment with pioglitazone. <b>2004</b> , 27, 2562-3	33
1972	Insulin-like growth factor-I stimulates both cell growth and lipogenesis during differentiation of human mesenchymal stem cells into adipocytes. <b>2004</b> , 89, 3543-53	112
1971	Adiponectin may play a part in the pathogenesis of diabetic retinopathy. <b>2004</b> , 151, 135-40	45
1970	Adiponectin-induced antiangiogenesis and antitumor activity involve caspase-mediated endothelial cell apoptosis. <b>2004</b> , 101, 2476-81	586
1969	Adiponectin stimulates angiogenesis by promoting cross-talk between AMP-activated protein kinase and Akt signaling in endothelial cells. <b>2004</b> , 279, 1304-9	594
1968	Adipocyte determination- and differentiation-dependent factor 1/sterol regulatory element-binding protein 1c regulates mouse adiponectin expression. <b>2004</b> , 279, 22108-17	108
1967	Adipokines: inflammation and the pleiotropic role of white adipose tissue. <b>2004</b> , 92, 347-55	1584

1966	Metabolic and hormonal interactions between muscle and adipose tissue. <b>2004</b> , 63, 381-5	50
1965	Cloning and expression of porcine adiponectin, and its relationship to adiposity, lipogenesis and the acute phase response. <b>2004</b> , 182, 133-44	52
1964	Obesity-initiated metabolic syndrome and the kidney: a recipe for chronic kidney disease?. <b>2004</b> , 15, 2775-91	194
1963	In vitro suppression of the lipogenic pathway by the nonnucleoside reverse transcriptase inhibitor efavirenz in 3T3 and human preadipocytes or adipocytes. <b>2004</b> , 279, 15130-41	77
1962	Zinc-alpha2-glycoprotein, a lipid mobilizing factor, is expressed in adipocytes and is up-regulated in mice with cancer cachexia. <b>2004</b> , 101, 2500-5	241
1961	Adiponectin gene expression and plasma values in obese women during very-low-calorie diet. Relationship with cardiovascular risk factors and insulin resistance. <b>2004</b> , 89, 756-60	60
1960	BMAL1 and CLOCK, two essential components of the circadian clock, are involved in glucose homeostasis. <b>2004</b> , 2, e377	724
1959	Side effects of atypical antipsychotic drugs. <b>2004</b> , 10, 2219-29	70
1958	HIV protease inhibitors increase adiponectin levels in HIV-negative men. <b>2004</b> , 36, 645-7	37
1957	Virologic diagnosis and follow-up of children born to mothers infected by HIV-1 group O. <b>2004</b> , 36, 639-41	20
1956	Adiponectin before and after weight loss in obese children. <b>2004</b> , 89, 3790-4	130
1955	CCAAT/enhancer binding protein and nuclear factor-Y regulate adiponectin gene expression in adipose tissue. <b>2004</b> , 53, 2757-66	83
1954	Relationship between adiponectin and glycemic control, blood lipids, and inflammatory markers in men with type 2 diabetes. <b>2004</b> , 27, 1680-7	188
1953	Dominant inhibitory adipocyte-specific secretory factor (ADSF)/resistin enhances adipogenesis and improves insulin sensitivity. <b>2004</b> , 101, 6780-5	97
1952	Multigenic control of serum adiponectin levels: evidence for a role of the APM1 gene and a locus on 14q13. <b>2004</b> , 19, 170-4	64
1951	Metabolic syndrome and robustness tradeoffs. <b>2004</b> , 53 Suppl 3, S6-S15	109
1950	Phenotypic effects of leptin replacement on morbid obesity, diabetes mellitus, hypogonadism, and behavior in leptin-deficient adults. <b>2004</b> , 101, 4531-6	390
1949	A family of Acrp30/adiponectin structural and functional paralogs. <b>2004</b> , 101, 10302-7	319

1948	Adiponectin stimulates angiogenesis in response to tissue ischemia through stimulation of amp-activated protein kinase signaling. <b>2004</b> , 279, 28670-4	261
1947	Leptin impairs insulin signaling in rat adipocytes. <b>2004</b> , 53, 347-53	93
1946	Possible impairment of transcardiac utilization of adiponectin in patients with type 2 diabetes. <b>2004</b> , 27, 2217-21	28
1945	Insulin/Foxo1 pathway regulates expression levels of adiponectin receptors and adiponectin sensitivity. <b>2004</b> , 279, 30817-22	408
1944	Inflammation, insulin resistance, and atherosclerosis. <b>2004</b> , 2, 105-13	30
1943	Discrimination between obesity and insulin resistance in the relationship with adiponectin. <b>2004</b> , 53, 585-90	197
1942	Adiponectin in patients with obstructive sleep apnea syndrome: course and physiological relevance. <b>2004</b> , 71, 580-6	54
1941	Differential effects of interleukin-6 and -10 on skeletal muscle and liver insulin action in vivo. <b>2004</b> , 53, 1060-7	407
1940	Alterations in the dynamics of circulating ghrelin, adiponectin, and leptin in human obesity. <b>2004</b> , 101, 10434-9	269
1939	Adiponectin: novelties in metabolism and hormonal regulation. <b>2004</b> , 7, 195-200	20
1938	Novel adipose tissue-mediated resistance to diet-induced visceral obesity in 11 beta-hydroxysteroid dehydrogenase type 1-deficient mice. <b>2004</b> , 53, 931-8	438
1937	Atypical antipsychotic induced weight gain: pathophysiology and management. <b>2004</b> , 16, 75-85	57
1936	Adipocytokines, fat distribution, and insulin resistance in elderly men and women. <b>2004</b> , 59, M935-9	45
1935	Adiponectin in anorexia nervosa and bulimia nervosa. <b>2004</b> , 89, 1833-7	117
1934	Lipids and glucose in type 2 diabetes: what is the cause and effect?. <b>2004</b> , 27, 2253-9	122
1933	Leptin treatment markedly increased plasma adiponectin but barely decreased plasma resistin of ob/ob mice. <b>2004</b> , 287, E446-53	43
1932	Increased serum leptin protects from adiposity despite the increased glucose uptake in white adipose tissue in mice lacking p85alpha phosphoinositide 3-kinase. <b>2004</b> , 53, 2261-70	15
1931	Adiponectin receptor 1 gene (ADIPOR1) as a candidate for type 2 diabetes and insulin resistance. <b>2004</b> , 53, 2132-6	88

1930	Chronological changes in metabolism and functions of cultured adipocytes: a hypothesis for cell aging in mature adipocytes. <b>2004</b> , 286, E402-10	55
1929	Dysfunctional fat cells, lipotoxicity and type 2 diabetes. <b>2004</b> , 58, 9-21	148
1928	Lower plasma adiponectin concentration predicts the efficacy of pioglitazone in diabetic patients. <b>2004</b> , 6, 231-3	7
1927	Increased expression of resistin and tumour necrosis factor-alpha in pig adipose tissue as well as effect of feeding treatment on resistin and cAMP pathway. <b>2004</b> , 6, 271-9	18
1926	The adiponectin gene SNP+45 is associated with coronary artery disease in Type 2 (non-insulin-dependent) diabetes mellitus. <b>2004</b> , 21, 776-81	82
1925	Impact of adiposity and plasma adipocytokines on diabetic angiopathies in Japanese Type 2 diabetic subjects. <b>2004</b> , 21, 881-8	57
1924	Low plasma level of adiponectin is associated with stavudine treatment and lipodystrophy in HIV-infected patients. <b>2004</b> , 135, 273-9	38
1923	Unchanged fasting and postprandial adiponectin levels following a 4-day caloric restriction in young healthy men. <b>2004</b> , 60, 429-33	38
1922	The effects of GH replacement in adult GH-deficient patients: changes in body composition without concomitant changes in the adipokines and insulin resistance. <b>2004</b> , 60, 442-50	56
1921	Cord plasma concentrations of adiponectin and leptin in healthy term neonates: positive correlation with birthweight and neonatal adiposity. <b>2004</b> , 61, 88-93	140
1920	Serum adiponectin concentrations predict the developments of type 2 diabetes and the metabolic syndrome in elderly Koreans. <b>2004</b> , 61, 75-80	127
1919	Different effects of short- and long-term recombinant hGH administration on ghrelin and adiponectin levels in GH-deficient adults. <b>2004</b> , 61, 81-7	40
1918	Decreased plasma adiponectin concentrations are closely associated with nonalcoholic hepatic steatosis in obese individuals. <b>2004</b> , 61, 700-3	93
1917	Adiponectin is independently associated with insulin sensitivity in women with polycystic ovary syndrome. <b>2004</b> , 61, 738-46	102
1916	Correlations of adiponectin level with insulin resistance and atherosclerosis in Japanese male populations. <b>2004</b> , 61, 753-9	50
1915	Leptin, but not adiponectin, predicts stroke in males. <b>2004</b> , 256, 128-36	127
1914	Adiponectin in renal disease: relationship to phenotype and genetic variation in the gene encoding adiponectin. <b>2004</b> , 65, 274-81	125
1913	Reduced gene expression of adiponectin in fat tissue from patients with end-stage renal disease. <b>2004</b> , 66, 46-50	45



1912	Adiponectin is reduced in gestational diabetes mellitus in normal weight women. <b>2004</b> , 83, 341-7	109
1911	Correlations between umbilical and maternal serum adiponectin levels and neonatal birthweights. <b>2004</b> , 83, 165-9	72
1910	PPARs and the complex journey to obesity. <i>Nature Medicine</i> , <b>2004</b> , 10, 355-61	50.5 1231
1909	Adiponectin acts in the brain to decrease body weight. <i>Nature Medicine</i> , <b>2004</b> , 10, 524-9	50.5 637
1908	AMP kinase and malonyl-CoA: targets for therapy of the metabolic syndrome. <b>2004</b> , 3, 340-51	335
1907	Plasma leptin is associated with insulin resistance independent of age, body mass index, fat mass, lipids, and pubertal development in nondiabetic adolescents. <b>2004</b> , 28, 470-5	83
1906	Muscle insulin receptor concentrations in obese patients post bariatric surgery: relationship to hyperinsulinemia. <b>2004</b> , 28, 363-9	50
1905	Failure of fat cell proliferation, mitochondrial function and fat oxidation results in ectopic fat storage, insulin resistance and type II diabetes mellitus. <b>2004</b> , 28 Suppl 4, S12-21	296
1904	Lipotoxicity, an imbalance between lipogenesis de novo and fatty acid oxidation. <b>2004</b> , 28 Suppl 4, S22-8	127
1903	Adiponectin but not resistin is associated with insulin resistance-related phenotypes in baboons. <b>2004</b> , 12, 871-7	24
1902	Plasma adiponectin levels and metabolic factors in nondiabetic adolescents. <b>2004</b> , 12, 119-24	49
1901	Sexual dimorphism and regulation of resistin, adiponectin, and leptin expression in the mouse. <b>2004</b> , 12, 1481-91	105
1900	A novel pathway to the manifestations of metabolic syndrome. <b>2004</b> , 12, 180-6	167
1899	Insulin action on expression of novel adipose genes in healthy and type 2 diabetic subjects. <b>2004</b> , 12, 25-31	22
1898	High local concentrations and effects on differentiation implicate interleukin-6 as a paracrine regulator. <b>2004</b> , 12, 454-60	174
1897	The AMP-activated protein kinase cascade--a unifying system for energy control. <b>2004</b> , 29, 18-24	926
1896	Anti-inflammatory nature of exercise. <b>2004</b> , 20, 323-6	87
1895	Insulin resistance syndrome (metabolic syndrome) and obesity in Asian Indians: evidence and implications. <b>2004</b> , 20, 482-91	249

1894	Adiponectin, the missing link in insulin resistance and obesity. <b>2004</b> , 23, 963-74	270
1893	Circulating adiponectin levels increase in rats on caloric restriction: the potential for insulin sensitization. <b>2004</b> , 39, 1049-59	144
1892	Peroxisome proliferator-activated receptor gamma: its role in metabolic syndrome. <b>2004</b> , 5, 97-103	20
1891	Decreased plasma adiponectin concentrations in women with gestational diabetes mellitus. <b>2004</b> , 191, 2120-4	117
1890	The role of TNF-alpha in insulin resistance. <b>2004</b> , 23, 177-82	245
1889	Plasma adiponectin concentration in relation to severity of coronary atherosclerosis and cardiovascular risk factors in middle-aged men. <b>2004</b> , 25, 215-21	29
1888	Chemistry and biochemistry of type 2 diabetes. <b>2004</b> , 104, 1255-82	277
1887	Candidate genes for type 2 diabetes. <b>2004</b> , 5, 151-76	69
1886	Plasma adiponectin response to acute exercise in healthy subjects. <b>2004</b> , 91, 324-9	104
1885	[Future targets in the treatment of type 2 diabetes]. <b>2004</b> , 116, 217-29	3
1884	Macronutrient composition of the diet differentially affects leptin and adiponutrin mRNA expression in response to meal feeding. <b>2004</b> , 15, 242-6	29
1883	Adiponectin counteracts cytokine- and fatty acid-induced apoptosis in the pancreatic beta-cell line INS-1. <b>2004</b> , 47, 249-58	154
1882	Adiponectin receptors gene expression and insulin sensitivity in non-diabetic Mexican Americans with or without a family history of Type 2 diabetes. <b>2004</b> , 47, 816-20	203
1881	Expression of key genes of fatty acid oxidation, including adiponectin receptors, in skeletal muscle of Type 2 diabetic patients. <b>2004</b> , 47, 917-25	124
1880	Control of glycaemia: from molecules to men. Minkowski Lecture 2003. <b>2004</b> , 47, 770-81	45
1879	Serum adiponectin levels predict the effect of short-term dietary interventions on insulin sensitivity in humans. <b>2004</b> , 47, 1303-1305	14
1878	Women and men have similar amounts of liver and intra-abdominal fat, despite more subcutaneous fat in women: implications for sex differences in markers of cardiovascular risk. <b>2004</b> , 47, 1360-9	232
1877	Association between the A-2518G polymorphism in the monocyte chemoattractant protein-1 gene and insulin resistance and Type 2 diabetes mellitus. <b>2004</b> , 47, 1574-80	94

1876	Analysis of the contribution to type 2 diabetes susceptibility of sequence variation in the gene encoding stearyl-CoA desaturase, a key regulator of lipid and carbohydrate metabolism. <b>2004</b> , 47, 2168-75	22
1875	Pharmacogenetics of antipsychotic-induced weight gain. <b>2004</b> , 174, 477-89	71
1874	Cardiovascular implications of HIV-associated dyslipidemic lipodystrophy. <b>2004</b> , 6, 173-9	16
1873	Inflammation, insulin resistance, and obesity. <b>2004</b> , 6, 424-31	116
1872	Proteomic and functional characterization of endogenous adiponectin purified from fetal bovine serum. <b>2004</b> , 4, 3933-42	66
1871	Adiponectin protects LPS-induced liver injury through modulation of TNF-alpha in KK-Ay obese mice. <b>2004</b> , 40, 177-84	333
1870	Changes in adipocyte hormones leptin, resistin, and adiponectin in thyroid dysfunction. <b>2004</b> , 93, 491-6	65
1869	Novel retinoid X receptor (RXR) antagonists having a dicarba-closo-dodecaborane as a hydrophobic moiety. <b>2004</b> , 14, 5913-8	55
1868	The role of acyl-CoA:diacylglycerol acyltransferase (DGAT) in energy metabolism. <b>2004</b> , 36, 252-61	53
1867	Diabetes, lipids, and adipocyte secretagogues. <b>2004</b> , 82, 170-90	100
1866	Update on adipocyte hormones: regulation of energy balance and carbohydrate/lipid metabolism. <b>2004</b> , 53 Suppl 1, S143-51	493
1865	Serum concentrations of adiponectin and leptin in patients with thyroid dysfunctions. <b>2004</b> , 27, RC5-7	37
1864	Serum adiponectin in women with polycystic ovarian syndrome and its relation to clinical, metabolic and endocrine parameters. <b>2004</b> , 27, 528-34	61
1863	Hepatic steatosis: a mediator of the metabolic syndrome. Lessons from animal models. <b>2004</b> , 24, 644-9	209
1862	Metabolic abnormalities: triglyceride and low-density lipoprotein. <b>2004</b> , 33, 405-15	70
1861	Circulating adiponectin and resistin levels in relation to metabolic factors, inflammatory markers, and vascular reactivity in diabetic patients and subjects at risk for diabetes. <b>2004</b> , 27, 2450-7	335
1860	[Thiazolidinediones and insulin sensitivity]. <b>2004</b> , 65, 65-72	6
1859	Tumor necrosis factor and its potential role in insulin resistance and nonalcoholic fatty liver disease. <b>2004</b> , 8, 619-38, x	91

1858	Thiazolidinediones, like metformin, inhibit respiratory complex I: a common mechanism contributing to their antidiabetic actions?. <b>2004</b> , 53, 1052-9	426
1857	Insulin and insulin resistance: impact on blood pressure and cardiovascular disease. <b>2004</b> , 88, 63-82	111
1856	Adipocyte biology and adipocytokines. <b>2004</b> , 24, 217-34	21
1855	Adiponectin I164T mutation is associated with the metabolic syndrome and coronary artery disease. <b>2004</b> , 43, 1195-200	158
1854	The metabolic syndrome and inflammation. <b>2004</b> , 2, 82-104	144
1853	Regulation of fasted blood glucose by resistin. <b>2004</b> , 303, 1195-8	583
1852	Role of a critical visceral adipose tissue threshold (CVATT) in metabolic syndrome: implications for controlling dietary carbohydrates: a review. <b>2004</b> , 1, 12	177
1851	Cardiovascular Pharmacogenetics. <b>2004</b> ,	
1850	Endocannabinoid receptor antagonists: potential for obesity treatment. <b>2004</b> , 3, 345-60	28
1849	Genetic basis of type 2 diabetes mellitus: implications for therapy. <b>2004</b> , 3, 257-67	14
1848	Role of adipocyte-derived factors in enhancing insulin signaling in skeletal muscle and white adipose tissue of mice lacking Acyl CoA:diacylglycerol acyltransferase 1. <b>2004</b> , 53, 1445-51	44
1847	Plasma adiponectin, insulin sensitivity, and subclinical inflammation in women with prior gestational diabetes mellitus. <b>2004</b> , 27, 1721-7	142
1846	[Adiponectin: from adipocyte to skeletal muscle]. <b>2004</b> , 65, S36-43	5
1845	The biology of peroxisome proliferator-activated receptors: relationship with lipid metabolism and insulin sensitivity. <b>2004</b> , 53 Suppl 1, S43-50	593
1844	Effects of rosiglitazone and metformin on liver fat content, hepatic insulin resistance, insulin clearance, and gene expression in adipose tissue in patients with type 2 diabetes. <b>2004</b> , 53, 2169-76	434
1843	Nonalcoholic fatty liver disease: a review of current understanding and future impact. <b>2004</b> , 2, 1048-58	294
1842	Role of the adipocyte, free fatty acids, and ectopic fat in pathogenesis of type 2 diabetes mellitus: peroxisomal proliferator-activated receptor agonists provide a rational therapeutic approach. <b>2004</b> , 89, 463-78	492
1841	Impaired mitochondrial activity in the insulin-resistant offspring of patients with type 2 diabetes. <b>2004</b> , 350, 664-71	1751

1840	Enzyme-linked immunosorbent assay for circulating human resistin: resistin concentrations in normal subjects and patients with type 2 diabetes. <b>2004</b> , 339, 57-63	124
1839	Adiponectin and atherosclerotic disease. <b>2004</b> , 344, 1-12	184
1838	The delicate balance between fat and muscle: adipokines in metabolic disease and musculoskeletal inflammation. <b>2004</b> , 4, 281-9	110
1837	Adiponectin and the systemic inflammatory response in weight-losing patients with non-small cell lung cancer. <b>2004</b> , 27, 90-2	42
1836	Comparing adiposity profiles in three mouse models with altered GH signaling. <b>2004</b> , 14, 309-18	225
1835	Adiponectin, obesity, and cardiovascular disease. <b>2004</b> , 86, 779-84	101
1834	Chronic treatment with growth hormone stimulates adiponectin gene expression in 3T3-L1 adipocytes. <b>2004</b> , 572, 129-34	25
1833	An angiotensin II AT1 receptor antagonist, telmisartan augments glucose uptake and GLUT4 protein expression in 3T3-L1 adipocytes. <b>2004</b> , 576, 492-7	82
1832	Expression of adiponectin receptors in human macrophages and regulation by agonists of the nuclear receptors PPARalpha, PPARgamma, and LXR. <b>2004</b> , 314, 151-8	220
1831	Direct reciprocal effects of resistin and adiponectin on vascular endothelial cells: a new insight into adipocytokine-endothelial cell interactions. <b>2004</b> , 314, 415-9	343
1830	Adipocyte differentiation of multipotent cells established from human adipose tissue. <b>2004</b> , 315, 255-63	238
1829	Anthocyanin enhances adipocytokine secretion and adipocyte-specific gene expression in isolated rat adipocytes. <b>2004</b> , 316, 149-57	165
1828	Urinary adiponectin excretion is increased in patients with overt diabetic nephropathy. <b>2004</b> , 316, 165-9	90
1827	AICAR stimulates adiponectin and inhibits cytokines in adipose tissue. <b>2004</b> , 316, 853-8	95
1826	Dual action of adiponectin on insulin secretion in insulin-resistant mice. <b>2004</b> , 321, 154-60	68
1825	A novel IKKbeta inhibitor stimulates adiponectin levels and ameliorates obesity-linked insulin resistance. <b>2004</b> , 323, 242-8	61
1824	Effective treatments for insulin resistance: trim the fat and douse the fire. <b>2004</b> , 15, 425-31	9
1823	Leptin signaling. <b>2004</b> , 81, 223-41	302

1822	The epidemic of obesity and changes in food intake: the Fluoride Hypothesis. <b>2004</b> , 82, 115-21	56
1821	C1q and tumor necrosis factor superfamily: modularity and versatility. <b>2004</b> , 25, 551-61	343
1820	Acute regulation of adiponectin by free fatty acids. <b>2004</b> , 53, 790-3	35
1819	Effects of rosiglitazone on plasma adiponectin, insulin sensitivity, and insulin secretion in high-risk African Americans with impaired glucose tolerance test and type 2 diabetes. <b>2004</b> , 53, 1552-7	40
1818	Lower expression of adiponectin mRNA in visceral adipose tissue in lean and obese subjects. <b>2004</b> , 219, 9-15	240
1817	Serum adiponectin in young adults--interactions with central adiposity, circulating levels of glucose, and insulin resistance: the CARDIA study. <b>2004</b> , 14, 492-8	88
1816	Adiponectin and leptin in relation to insulin sensitivity. <b>2004</b> , 2, 114-23	31
1815	Increased oxidative stress in obesity and its impact on metabolic syndrome. <b>2004</b> , 114, 1752-61	3467
1814	The metabolic syndrome and inflammation: association or causation?. <b>2004</b> , 14, 228-32	145
1813	Adipose tissue and adipokines: for better or worse. <b>2004</b> , 30, 13-9	287
1812	Growth hormone is a positive regulator of adiponectin receptor 2 in 3T3-L1 adipocytes. <b>2004</b> , 558, 27-32	74
1811	Interleukin-6 is a positive regulator of tumor necrosis factor alpha-induced adipose-related protein in 3T3-L1 adipocytes. <b>2004</b> , 560, 153-7	32
1810	Is there a rationale for angiotensin blockade in the management of obesity hypertension?. <b>2004</b> , 44, 12-9	110
1809	Effects of long-chain fatty acids on cytosolic triacylglycerol accumulation and lipid droplet formation in primary cultured bovine mammary epithelial cells. <b>2004</b> , 87, 2527-34	36
1808	Adipocytokines and insulin resistance. <b>2004</b> , 89, 447-52	352
1807	A promoter polymorphism in CD36 is associated with an atherogenic lipid profile in a French general population. <b>2004</b> , 173, 375-7	15
1806	Effects of dietary glycaemic index on adiposity, glucose homeostasis, and plasma lipids in animals. <b>2004</b> , 364, 778-85	242
1805	Diabetes Mellitus: Complex Molecular Alterations. <b>2004</b> , 205-223	

1804	Cloning and expression of porcine adiponectin and adiponectin receptor 1 and 2 genes in pigs. <b>2004</b> , 82, 3162-74	47
1803	Gene expression profiling in human preadipocytes and adipocytes by microarray analysis. <b>2004</b> , 134, 762-70	99
1802	Circulating adiponectin levels and cardiovascular risk factors in acromegalic patients. <b>2004</b> , 150, 663-9	19
1801	Therapeutic approaches in the prevention of cardiovascular disease in metabolic syndrome and in patients with type 2 diabetes. <b>2004</b> , 19, 480-7	14
1800	Obesity: epidemiology and clinical aspects. <b>2004</b> , 18, 1125-1146	138
1799	Physiopathologie des obésités et du diabète de type 2. <b>2004</b> , 1, 1-11	
1798	Regulation of insulin sensitivity by adipose tissue-derived hormones and inflammatory cytokines. <b>2004</b> , 15, 297-302	50
1797	The influence of hepatitis C virus coinfection on the risk of lipid abnormalities in a cohort of HIV-1-infected patients after initiation of highly active antiretroviral therapy. <b>2004</b> , 36, 641-2	8
1796	Pathophysiology of dyslipidemia and increased cardiovascular risk in HIV lipodystrophy: a model of 'systemic steatosis'. <b>2004</b> , 15, 59-67	53
1795	Serum adiponectin concentrations during treatment with olanzapine or risperidone: a pilot study. <b>2004</b> , 19, 37-40	30
1794	Directly observed therapy for HIV antiretroviral therapy in an urban US setting. <b>2004</b> , 36, 642-5	26
1793	Effective treatments for insulin resistance: trim the fat and douse the fire. <b>2004</b> , 15, 425-431	14
1792	The role of insulin and the adipocytokines in regulation of vascular endothelial function. <b>2004</b> , 107, 519-32	72
1791	Conjugated linoleic acid deteriorates insulin resistance in obese/diabetic mice in association with decreased production of adiponectin and leptin. <b>2004</b> , 50, 416-21	33
1790	Angiotensin II receptor blocker prevents increased arterial stiffness in patients with essential hypertension. <b>2004</b> , 68, 1194-8	49
1789	Relationship between abdominal visceral fat and lacunar infarcts in Japanese men. <b>2004</b> , 68, 982-7	13
1788	Lipoatrophic diabetes in an elderly woman: clinical course and serum adipocytokine concentrations. <b>2004</b> , 51, 279-86	11
1787	Plasma adiponectin decrease in women with nonalcoholic Fatty liver. <b>2004</b> , 51, 587-93	26

1786	Associations among lifestyle status, serum adiponectin level and insulin resistance. <b>2004</b> , 43, 453-7	21
1785	Metabolic effects of rosiglitazone in HIV lipodystrophy: a randomized, controlled trial. <b>2004</b> , 140, 786-94	163
1784	Regulation of hepatic glucose metabolism by leptin in pig and rat primary hepatocyte cultures. <b>2004</b> , 286, R206-16	21
1783	Cytokine regulation of skeletal muscle fatty acid metabolism: effect of interleukin-6 and tumor necrosis factor-alpha. <b>2004</b> , 287, E616-21	119
1782	Elevated circulating adiponectin levels in liver cirrhosis are associated with reduced liver function and altered hepatic hemodynamics. <b>2004</b> , 287, E82-9	129
1781	Laboratory findings of caloric restriction in rodents and primates. <b>2005</b> , 39, 211-37	5
1780	Association between dietary factors and plasma adiponectin concentrations in men. <b>2005</b> , 81, 780-6	126
1779	Angiotensin-converting enzyme inhibitors, AG receptor blockers, and aldosterone receptor antagonists. <b>2005</b> , 43, 23-37	4
1778	Role of inflammation in nonalcoholic steatohepatitis. <b>2005</b> , 21, 702-7	73
1777	Therapy and clinical trials. <b>2005</b> , 16, 497-9	
1776	Effects of the White-Skinned Sweet Potato ( <i>Ipomoea batatas</i> L.) on the Expression of Adipocytokine in Adipose Tissue of Genetic Type 2 Diabetic Mice. <b>2005</b> , 11, 369-372	7
1775	Nuclear receptors as targets for drug development: molecular mechanisms for regulation of obesity and insulin resistance by peroxisome proliferator-activated receptor gamma, CREB-binding protein, and adiponectin. <b>2005</b> , 97, 164-70	59
1774	Long-term efficacy of leptin replacement in patients with generalized lipodystrophy. <b>2005</b> , 54, 1994-2002	188
1773	Adiponectin and high-density lipoprotein: a metabolic association through thick and thin. <b>2005</b> , 26, 1579-81	16
1772	Obesity and metabolic disease: is adipose tissue the culprit?. <b>2005</b> , 64, 7-13	72
1771	Fatty acids and the metabolic syndrome. <b>2005</b> , 64, 23-9	69
1770	Signalling role of adipose tissue: adipokines and inflammation in obesity. <b>2005</b> , 33, 1078-81	355
1769	Implications of decreased serum adiponectin for type IIb hyperlipidaemia and increased cholesterol levels of very-low-density lipoprotein in type II diabetic patients. <b>2005</b> , 109, 297-302	15



1768	Short-term feeding of conjugated linoleic acid does not induce hepatic steatosis in C57BL/6J mice. <b>2005</b> , 51, 440-4	11
1767	Effects of antidiabetic treatment with metformin and insulin on serum and adipose tissue adiponectin levels in db/db mice. <b>2005</b> , 52, 427-33	45
1766	Changes in C-reactive protein predict insulin sensitivity in severely obese individuals after weight loss surgery. <b>2005</b> , 9, 1119-26; discussion 1127-8	18
1765	Pathology of nonalcoholic steatohepatitis. <b>2005</b> , 33, 68-71	85
1764	Lessons from animal models of NASH. <b>2005</b> , 33, 138-44	116
1763	Nuclear receptor antagonists designed based on the helix-folding inhibition hypothesis. <b>2005</b> , 13, 5080-93	63
1762	Interleukin-15 stimulates adiponectin secretion by 3T3-L1 adipocytes: evidence for a skeletal muscle-to-fat signaling pathway. <b>2005</b> , 29, 449-57	126
1761	Low adiponectin level in young normotensive men with a family history of essential hypertension. <b>2005</b> , 28, 141-6	17
1760	Adiponectin expression and adipose tissue lipolytic activity in lean and obese women. <b>2005</b> , 15, 382-6	29
1759	Lack of increase of serum adiponectin concentrations with a moderate weight loss during six months on a high-caloric diet in military service among a young male Finnish population. <b>2005</b> , 26, 65-9	17
1758	Elevated plasma adiponectin concentrations in patients with liver cirrhosis correlate with plasma insulin levels. <b>2005</b> , 25, 28-32	24
1757	Adiponectin levels among patients with chronic hepatitis B and C infections and in response to IFN-alpha therapy. <b>2005</b> , 25, 752-9	28
1756	Plasma, urine, and renal expression of adiponectin in human systemic lupus erythematosus. <b>2005</b> , 68, 1825-33	110
1755	Incidence of insulin resistance in obese subjects in a rural Japanese population: the Tanno and Sobetsu study. <b>2005</b> , 7, 83-7	28
1754	No association of the 94T/G polymorphism in the adiponectin gene with diabetic complications. <b>2005</b> , 7, 455-9	13
1753	Genetic association study of adiponectin polymorphisms with risk of Type 2 diabetes mellitus in Korean population. <b>2005</b> , 22, 569-75	62
1752	Molecular mechanisms of insulin resistance. <b>2005</b> , 22, 674-82	206
1751	Adiponectin: action, regulation and association to insulin sensitivity. <b>2005</b> , 6, 13-21	488

1750	Abstracts of the 14th European Congress on Obesity. June 1-4, 2005. Athens, Greece. <b>2005</b> , 6 Suppl 1, 1-196		1
1749	Gender differences in association of plasma adiponectin with obesity reflect resultant insulin resistance in non-diabetic Japanese patients with schizophrenia. <b>2005</b> , 59, 266-73		15
1748	Adiponectin--journey from an adipocyte secretory protein to biomarker of the metabolic syndrome. <b>2005</b> , 257, 167-75		582
1747	Circulating adiponectin reflects severity of liver disease but not insulin sensitivity in liver cirrhosis. <b>2005</b> , 258, 274-80		77
1746	Endocrine and signalling role of adipose tissue: new perspectives on fat. <b>2005</b> , 184, 285-93		373
1745	Review article: adipocytokines and insulin resistance. <b>2005</b> , 22 Suppl 2, 3-10		137
1744	Neonatal leptin levels are strongly associated with female gender, birth length, IGF-I levels and formula feeding. <b>2005</b> , 62, 366-71		49
1743	Distribution and determinants of adiponectin, resistin and ghrelin in a randomly selected healthy population. <b>2005</b> , 63, 329-35		78
1742	Troglitazone-induced changes in adiponectin do not affect endothelial function in diabetes. <b>2005</b> , 13, 1167-74		8
1741	Adiponectin levels during low- and high-fat eucaloric diets in lean and obese women. <b>2005</b> , 13, 1566-71		17
1740	The association between plasma adiponectin and insulin sensitivity in humans depends on obesity. <b>2005</b> , 13, 1683-91		34
1739	Regulation of adiponectin expression in human adipocytes: effects of adiposity, glucocorticoids, and tumor necrosis factor alpha. <b>2005</b> , 13, 662-9		151
1738	Angiopoietin-related growth factor antagonizes obesity and insulin resistance. <i>Nature Medicine</i> , <b>2005</b> , 11, 400-8	50.5	170
1737	Role of the FOXC2 -512C>T polymorphism in type 2 diabetes: possible association with the dysmetabolic syndrome. <b>2005</b> , 29, 268-74		22
1736	Effects of marked weight loss on plasma levels of adiponectin, markers of chronic subclinical inflammation and insulin resistance in morbidly obese women. <b>2005</b> , 29, 766-71		133
1735	Angiogenic factors are elevated in overweight and obese individuals. <b>2005</b> , 29, 1308-14		229
1734	Globular adiponectin decreases leptin-induced tumor necrosis factor-alpha expression by murine macrophages: involvement of cAMP-PKA and MAPK pathways. <b>2005</b> , 238, 19-30		53
1733	Adiponectin is expressed in the brown adipose tissue and surrounding immature tissues in mouse embryos. <b>2005</b> , 1731, 1-12		37

1732	Effects of oxidative stress on adiponectin secretion and lactate production in 3T3-L1 adipocytes. <b>2005</b> , 38, 882-9	147
1731	Caloric restriction modulates insulin receptor signaling in liver and skeletal muscle of rat. <b>2005</b> , 21, 378-88	29
1730	Dietary diacylglycerol reduces postprandial hyperlipidemia and ameliorates glucose intolerance in Otsuka Long-Evans Tokushima Fatty (OLETF) rats. <b>2005</b> , 21, 933-9	28
1729	Cross-talk between skeletal muscle and adipose tissue: a link with obesity?. <b>2005</b> , 25, 49-65	132
1728	The adiponectin gene SNP+276G>T associates with early-onset coronary artery disease and with lower levels of adiponectin in younger coronary artery disease patients (age . <b>2005</b> , 83, 711-9	105
1727	The prospective association between adiponectin and coronary artery disease among individuals with type 1 diabetes. The Pittsburgh Epidemiology of Diabetes Complications Study. <b>2005</b> , 48, 41-8	99
1726	Adipokines and the insulin resistance syndrome in familial partial lipodystrophy caused by a mutation in lamin A/C. <b>2005</b> , 48, 2641-9	29
1725	Hypoadiponectinaemia and high risk of type 2 diabetes are associated with adiponectin-encoding (ACDC) gene promoter variants in morbid obesity: evidence for a role of ACDC in diabetes. <b>2005</b> , 48, 892-9	104
1724	Serum concentrations of resistin-like molecules beta and gamma are elevated in high-fat-fed and obese db/db mice, with increased production in the intestinal tract and bone marrow. <b>2005</b> , 48, 984-92	38
1723	Increased plasma adiponectin concentrations are associated with microangiopathy in type 1 diabetic subjects. <b>2005</b> , 48, 1088-92	86
1722	Hyperinsulinaemia triggered by dietary conjugated linoleic acid is associated with a decrease in leptin and adiponectin plasma levels and pancreatic beta cell hyperplasia in the mouse. <b>2005</b> , 48, 1059-65	80
1721	Absence of an association between the polymorphisms in the genes encoding adiponectin receptors and type 2 diabetes. <b>2005</b> , 48, 1307-14	36
1720	Implantation of primary cultured adipocytes that secrete insulin modifies blood glucose levels in diabetic mice. <b>2005</b> , 48, 1614-20	19
1719	Increased serum adiponectin levels in type 1 diabetic patients with microvascular complications. <b>2005</b> , 48, 1911-8	196
1718	The role of total and high-molecular-weight complex of adiponectin in vascular function in offspring whose parents both had type 2 diabetes. <b>2005</b> , 48, 2147-54	34
1717	Polymorphisms in the gene encoding adiponectin receptor 1 are associated with insulin resistance and high liver fat. <b>2005</b> , 48, 2282-91	162
1716	Diabetes mellitus: a risk factor for pancreatic cancer?. <b>2005</b> , 390, 66-72	16
1715	Vascular protection in diabetes: a pharmacological view of angiotensin II type 1 receptor blockers. <b>2005</b> , 42 Suppl 1, S26-32	27

1714	Adiponectin induces growth arrest and apoptosis of MDA-MB-231 breast cancer cell. <b>2005</b> , 28, 1263-9	127
1713	Gene expression of adiponectin and adiponectin receptor 1 in type 2 diabetic rats and the relationship with the parameters of glucose and lipid metabolism. <b>2005</b> , 25, 285-8	2
1712	Current Treatment Options for the Metabolic Syndrome. <b>2005</b> , 7, 61-74	31
1711	Role of impaired insulin secretion and insulin resistance in the pathogenesis of type 2 diabetes mellitus. <b>2005</b> , 31, 106-12	16
1710	Decreased serum adiponectin in adolescents and young adults with familial primary hypercholesterolemia. <b>2005</b> , 40, 163-7	6
1709	Adiponectin: an adipokine linking adipocytes and type 2 diabetes in humans. <b>2005</b> , 5, 136-40	55
1708	PPAR ligands: potential therapies for metabolic syndrome. <b>2005</b> , 5, 45-52	44
1707	High-fat feeding period affects gene expression in rat white adipose tissue. <b>2005</b> , 275, 109-15	29
1706	Implication of the Pro12Ala polymorphism of the PPAR-gamma 2 gene in type 2 diabetes and obesity in the French population. <b>2005</b> , 6, 11	84
1705	Inflammatory peptides derived from adipose tissue. <b>2005</b> , 2, 1	27
1704	Reduced adiposity in bitter melon ( <i>Momordica charantia</i> )-fed rats is associated with increased lipid oxidative enzyme activities and uncoupling protein expression. <b>2005</b> , 135, 2517-23	56
1703	Expression of adiponectin and its receptors in swine. <b>2005</b> , 83, 565-78	125
1702	. <b>2005</b> ,	9
1701	The endocannabinoid system in chronic liver disease. <b>2005</b> , 4, 248-254	15
1700	Effects of atorvastatin on glucose metabolism and insulin resistance in KK/Ay mice. <b>2005</b> , 12, 77-84	38
1699	CLA et syndrome lipoatrophique chez la souris. <b>2005</b> , 12, 51-55	
1698	Normale und pathologische Physiologie des Inselzellsystems. <b>2005</b> , 75-116	
1697	Functional genomic characterization of delipidation elicited by trans-10, cis-12-conjugated linoleic acid (t10c12-CLA) in a polygenic obese line of mice. <b>2005</b> , 21, 351-61	55

1696	Plasma adiponectin and insulin resistance in Korean type 2 diabetes mellitus. <b>2005</b> , 46, 42-50	23
1695	The Relation of Serum Adiponectin and Resistin Concentrations with Metabolic Risk Factors. <b>2005</b> , 20, 444	5
1694	Dietary conjugated linoleic acid alleviates nonalcoholic fatty liver disease in Zucker (fa/fa) rats. <b>2005</b> , 135, 9-13	66
1693	Genetics of the Metabolic Syndrome. <b>2005</b> , 401-450	3
1692	Insulin Resistance, Hypertension and Endothelial Dysfunction. <b>2005</b> , 467-483	
1691	Drug Therapy for Insulin Resistance – Look at the Future. <b>2005</b> , 561-585	
1690	PPAR $\delta$ and Glucose Homeostasis. <b>2005</b> , 237-267	
1689	Pioglitazone improves insulin sensitivity through reduction in muscle lipid and redistribution of lipid into adipose tissue. <b>2005</b> , 288, E930-4	107
1688	Concomitant expression of adrenomedullin and its receptor components in rat adipose tissues. <b>2005</b> , 288, E56-62	33
1687	Insulin resistance in type 2 diabetes -- role of the adipokines. <b>2005</b> , 5, 333-9	153
1686	The fatty liver and insulin resistance. <b>2005</b> , 5, 287-95	91
1685	Gestational diabetes is associated with depressed adiponectin levels. <b>2005</b> , 12, 41-5	45
1684	Exacerbation of heart failure in adiponectin-deficient mice due to impaired regulation of AMPK and glucose metabolism. <b>2005</b> , 67, 705-13	174
1683	Topiramate treatment causes skeletal muscle insulin sensitization and increased Acrp30 secretion in high-fat-fed male Wistar rats. <b>2005</b> , 289, E1015-22	33
1682	Adipocytokines and VLDL metabolism: independent regulatory effects of adiponectin, insulin resistance, and fat compartments on VLDL apolipoprotein B-100 kinetics?. <b>2005</b> , 54, 795-802	99
1681	Adiponectin inhibits LPS-induced NF-kappaB activation and IL-6 production and increases PPARgamma2 expression in adipocytes. <b>2005</b> , 288, R1220-5	261
1680	Novel approach to treat insulin resistance, type 2 diabetes, and the metabolic syndrome: simultaneous activation of PPARalpha, PPARgamma, and PPARdelta. <b>2005</b> , 1, 299-307	44
1679	A novel gene family in Arabidopsis encoding putative heptahelical transmembrane proteins homologous to human adiponectin receptors and progestin receptors. <b>2005</b> , 56, 3137-47	25

1678	Hormone-sensitive lipase knockout mice have increased hepatic insulin sensitivity and are protected from short-term diet-induced insulin resistance in skeletal muscle and heart. <b>2005</b> , 289, E30-9	70
1677	Regulation of leptin secretion from white adipocytes by insulin, glycolytic substrates, and amino acids. <b>2005</b> , 289, E166-71	55
1676	PPARgamma2 regulates lipogenesis and lipid accumulation in steatotic hepatocytes. <b>2005</b> , 288, E1195-205	286
1675	Generation of globular fragment of adiponectin by leukocyte elastase secreted by monocytic cell line THP-1. <b>2005</b> , 146, 790-6	242
1674	Relationship between visceral adiposity and intramyocellular lipid content in two rat models of insulin resistance. <b>2005</b> , 288, E106-16	47
1673	Adiponectin replacement therapy attenuates myocardial damage in leptin-deficient mice with viral myocarditis. <b>2005</b> , 33, 207-14	29
1672	The brain-adipose axis: a review of involvement of molecules. <b>2005</b> , 8, 7-20	26
1671	Adipocytokines as a novel target for the anti-inflammatory effect of atorvastatin in patients with type 2 diabetes. <b>2005</b> , 28, 754-5	36
1670	Antihypertensive therapy and incidence of type 2 diabetes in an elderly cohort: response to Padwal et al. <b>2005</b> , 28, 762; author reply 762-3	1
1669	Adipokines: molecular links between obesity and atherosclerosis. <b>2005</b> , 288, H2031-41	625
1668	Review: The endocannabinoid system: a new therapeutic target for cardiovascular risk factor management. <b>2005</b> , 5, 121-124	8
1667	Adiponectin and other adipocytokines as predictors of markers of triglyceride-rich lipoprotein metabolism. <b>2005</b> , 51, 578-85	86
1666	Positive correlation of galanin with glucose in type 2 diabetes. <b>2005</b> , 28, 759-60	40
1665	High-dose glibenclamide can replace insulin therapy despite transitory diarrhea in early-onset diabetes caused by a novel R201L Kir6.2 mutation. <b>2005</b> , 28, 758-9	75
1664	Continuous subcutaneous insulin infusion versus multiple daily injections: the impact of baseline A1c: response to Retnakaran et al. <b>2005</b> , 28, 763; author reply 763-4	1
1663	Four-digit insulin dosing code: a simple solution for insulin dosing error. <b>2005</b> , 28, 760-1	
1662	Hyperglycemia- and hyperinsulinemia-induced alteration of adiponectin receptor expression and adiponectin effects in L6 myoblasts. <b>2005</b> , 35, 465-76	63
1661	Endothelial cell IL-8, a new target for adiponectin: implications in vascular protection. <b>2005</b> , 97, 1216-9	24

1660	Effect of a sustained reduction in plasma free fatty acid concentration on intramuscular long-chain fatty Acyl-CoAs and insulin action in type 2 diabetic patients. <b>2005</b> , 54, 3148-53	146
1659	Differential effects of dietary saturated and trans-fatty acids on expression of genes associated with insulin sensitivity in rat adipose tissue. <b>2005</b> , 153, 159-65	93
1658	Mest/Peg1 imprinted gene enlarges adipocytes and is a marker of adipocyte size. <b>2005</b> , 288, E117-24	131
1657	Adiponectin is functionally active in human islets but does not affect insulin secretory function or beta-cell lipoapoptosis. <b>2005</b> , 90, 6707-13	72
1656	Replacement of valsartan and candesartan by telmisartan in hypertensive patients with type 2 diabetes: metabolic and antiatherogenic consequences. <b>2005</b> , 28, 757-8	95
1655	Insulin resistance: causes and consequences. <b>2005</b> , 65, 1-24	9
1654	Autocrine action of adiponectin on human fat cells prevents the release of insulin resistance-inducing factors. <b>2005</b> , 54, 2003-11	117
1653	Adipokines: implications for female fertility and obesity. <b>2005</b> , 130, 583-97	197
1652	Adipocytokines: fat-derived humoral mediators of metabolic homeostasis. <b>2005</b> , 113, 67-79	73
1651	Effects of a combination of rhGH and metformin on adiponectin levels in patients with metabolic syndrome. <b>2005</b> , 37, 49-52	8
1650	Adenovirus-mediated high expression of resistin causes dyslipidemia in mice. <b>2005</b> , 146, 273-9	68
1649	Adipokine gene expression in dog adipose tissues and dog white adipocytes differentiated in primary culture. <b>2005</b> , 37, 474-81	28
1648	Adiponectin predicts insulin resistance but not endothelial function in young, healthy adolescents. <b>2005</b> , 90, 4615-21	30
1647	Adiponectinemia in visceral obesity: impact on glucose tolerance and plasma lipoprotein and lipid levels in men. <b>2005</b> , 90, 1434-9	185
1646	The relationship between insulin sensitivity and serum adiponectin levels in three population groups. <b>2005</b> , 37, 695-701	69
1645	Adipokine expression profile in adipocytes of different mouse models of obesity. <b>2005</b> , 37, 761-7	35
1644	Adiponectin, leptin, and erythrocyte sodium/lithium countertransport activity, but not resistin, are related to glucose metabolism in growth hormone-deficient adults. <b>2005</b> , 90, 2290-6	15
1643	Circulating adiponectin levels are associated with better glycemic control, more favorable lipid profile, and reduced inflammation in women with type 2 diabetes. <b>2005</b> , 90, 4542-8	157

1642	Insulin and leptin resistance with hyperleptinemia in mice lacking androgen receptor. <b>2005</b> , 54, 1717-25	138
1641	Adipose-specific overexpression of GLUT4 reverses insulin resistance and diabetes in mice lacking GLUT4 selectively in muscle. <b>2005</b> , 289, E551-61	167
1640	Peroxisome proliferator-activated receptor (PPAR)alpha activation increases adiponectin receptors and reduces obesity-related inflammation in adipose tissue: comparison of activation of PPARalpha, PPARgamma, and their combination. <b>2005</b> , 54, 3358-70	331
1639	The influence of adiponectin gene polymorphism on the rosiglitazone response in patients with type 2 diabetes. <b>2005</b> , 28, 1139-44	88
1638	Appetite control. <b>2005</b> , 184, 291-318	387
1637	Effect of intermittent fasting and refeeding on insulin action in healthy men. <b>2005</b> , 99, 2128-36	158
1636	Cerebral edema without ketoacidosis or hyperosmolar coma in a 16-year-old boy. <b>2005</b> , 28, 753-4	1
1635	Thiazolidinediones upregulate fatty acid uptake and oxidation in adipose tissue of diabetic patients. <b>2005</b> , 54, 880-5	90
1634	The effects of exercise and adipose tissue lipolysis on plasma adiponectin concentration and adiponectin receptor expression in human skeletal muscle. <b>2005</b> , 152, 427-36	84
1633	Adiponectin inhibits cell proliferation by interacting with several growth factors in an oligomerization-dependent manner. <b>2005</b> , 280, 18341-7	292
1632	The stimulatory effect of globular adiponectin on insulin-stimulated glucose uptake and fatty acid oxidation is impaired in skeletal muscle from obese subjects. <b>2005</b> , 54, 3154-60	133
1631	B-type natriuretic peptide in type 2 diabetes: the influence of chronic renal failure and food. <b>2005</b> , 28, 752	7
1630	Cytokines and the pathogenesis of non-alcoholic steatohepatitis. <b>2005</b> , 54, 303-6	157
1629	Interaction of fish oil and conjugated linoleic acid in affecting hepatic activity of lipogenic enzymes and gene expression in liver and adipose tissue. <b>2005</b> , 54, 412-23	120
1628	Changes of adiponectin oligomer composition by moderate weight reduction. <b>2005</b> , 54, 2712-9	232
1627	Adiponectin and future coronary heart disease events among men with type 2 diabetes. <b>2005</b> , 54, 534-9	298
1626	Lipid metabolism during lactation: a review of adipose tissue-liver interactions and the development of fatty liver. <b>2005</b> , 72, 460-9	97
1625	Production of adiponectin, an anti-inflammatory protein, in mesenteric adipose tissue in Crohn's disease. <b>2005</b> , 54, 789-96	181



1624	Effect of adiponectin gene polymorphisms on circulating adiponectin and insulin resistance indexes in women with polycystic ovary syndrome. <b>2005</b> , 51, 416-23	75
1623	Adipocyte-specific overexpression of FOXC2 prevents diet-induced increases in intramuscular fatty acyl CoA and insulin resistance. <b>2005</b> , 54, 1657-63	57
1622	Adenovirus-mediated adiponectin expression augments skeletal muscle insulin sensitivity in male Wistar rats. <b>2005</b> , 54, 1304-13	73
1621	Testosterone selectively reduces the high molecular weight form of adiponectin by inhibiting its secretion from adipocytes. <b>2005</b> , 280, 18073-80	311
1620	Antihypertensive Therapy and Incidence of Type 2 Diabetes in an Elderly Cohort: Response to Chan et al.. <b>2005</b> , 28, 762-763	1
1619	Dehydroepiandrosterone can inhibit the proliferation of myeloma cells and the interleukin-6 production of bone marrow mononuclear cells from patients with myeloma. <b>2005</b> , 65, 2269-76	19
1618	Apolipoprotein C3 deficiency results in diet-induced obesity and aggravated insulin resistance in mice. <b>2005</b> , 54, 664-71	87
1617	Adiponectin: linking the metabolic syndrome to its cardiovascular consequences. <b>2005</b> , 3, 465-71	39
1616	Gene therapy for obesity. <b>2005</b> , 5, 347-57	3
1615	Adiponectin promotes adipocyte differentiation, insulin sensitivity, and lipid accumulation. <b>2005</b> , 46, 1369-79	432
1614	Signalling role of adipose tissue: adipokines and inflammation in obesity. <b>2005</b> , 33, 1078	377
1613	Unraveling the temporal pattern of diet-induced insulin resistance in individual organs and cardiac dysfunction in C57BL/6 mice. <b>2005</b> , 54, 3530-40	232
1612	Plasma adiponectin concentrations are independently predicted by fat insulin sensitivity in women and by muscle insulin sensitivity in men. <b>2005</b> , 28, 755-6	4
1611	The role of adiponectin in atherosclerosis: do lipids tip the scales?. <b>2005</b> , 1, 775-84	3
1610	The common polymorphisms (single nucleotide polymorphism [SNP] +45 and SNP +276) of the adiponectin gene predict the conversion from impaired glucose tolerance to type 2 diabetes: the STOP-NIDDM trial. <b>2005</b> , 54, 893-9	108
1609	Detection of silent myocardial ischemia in asymptomatic diabetic subjects: the DIAD study. <b>2005</b> , 28, 756-7	5
1608	A new transgenic rat model of hepatic steatosis and the metabolic syndrome. <b>2005</b> , 45, 1004-11	34
1607	Association of hypoadiponectinemia with smoking habit in men. <b>2005</b> , 45, 1094-100	108

1606	Sexual dysfunction in women with the metabolic syndrome. <b>2005</b> , 28, 756	29
1605	Genetic variation in adiponectin receptor 1 and adiponectin receptor 2 is associated with type 2 diabetes in the Old Order Amish. <b>2005</b> , 54, 2245-50	83
1604	Peroxisome Proliferator-Activated Receptors: The Nutritionally Controlled Molecular Networks that Integrate Inflammation, Immunity and Metabolism. <b>2005</b> , 1, 179-187	12
1603	Determinants of circulating adiponectin in women with polycystic ovary syndrome. <b>2005</b> , 60, 155-61	19
1602	Higher basal adiponectin levels are associated with better ovarian response to gonadotropin stimulation during in vitro fertilization. <b>2005</b> , 60, 167-70	19
1601	New imaging techniques of fat, muscle and liver within the context of determining insulin sensitivity. <b>2005</b> , 64 Suppl 3, 38-44	14
1600	Circulating adiponectin and plasma fatty acid profile. <b>2005</b> , 51, 603-9	66
1599	A peroxisome proliferator-activated receptor alpha/gamma dual agonist with a unique in vitro profile and potent glucose and lipid effects in rodent models of type 2 diabetes and dyslipidemia. <b>2005</b> , 19, 1593-605	60
1598	Mitochondrial glycerol-3-phosphate acyltransferase-1 is essential in liver for the metabolism of excess acyl-CoAs. <b>2005</b> , 280, 25629-36	86
1597	Interaction between dietary lipids and physical inactivity on insulin sensitivity and on intramyocellular lipids in healthy men. <b>2005</b> , 28, 1404-9	41
1596	Increased glucose tolerance in N-type Ca <sup>2+</sup> channel $\alpha$ B-subunit gene-deficient mice. <b>2005</b> , 15, 937	1
1595	Fat as an endocrine organ: influence of exercise. <b>2005</b> , 99, 757-64	59
1594	Association of adiponectin level and variants in the adiponectin gene with glucose metabolism, energy expenditure, and cytokines in offspring of type 2 diabetic patients. <b>2005</b> , 90, 4216-23	58
1593	Cardiovascular disease in HIV-positive patients. <b>2005</b> , 19, 641-52	57
1592	Increased cardiovascular disease risk indices in HIV-infected women. <b>2005</b> , 39, 44-54	140
1591	Effects of the cannabinoid-1 receptor blocker rimonabant on weight reduction and cardiovascular risk factors in overweight patients: 1-year experience from the RIO-Europe study. <b>2005</b> , 365, 1389-97	1252
1590	Low-grade systemic inflammation, hypoadiponectinemia and a high concentration of leptin are present in very young obese children, and correlate with metabolic syndrome. <b>2005</b> , 31, 55-62	159
1589	New insight into the pathophysiology of lipid abnormalities in type 2 diabetes. <b>2005</b> , 31, 429-39	85

1588	Adiponectin: Identification, physiology and clinical relevance in metabolic and vascular disease. <b>2005</b> , 6, 7-14	167
1587	Adipocyte signaling and lipid homeostasis: sequelae of insulin-resistant adipose tissue. <b>2005</b> , 96, 1042-52	270
1586	Adipocytokines et résistance à l'insuline. <b>2005</b> , 66, 135-136	
1585	Potential cardiovascular benefits of insulin sensitizers. <b>2005</b> , 34, 117-35	10
1584	Adiponectin concentrations in maternal serum: elevated in preeclampsia but unrelated to insulin sensitivity. <b>2005</b> , 12, 433-9	60
1583	Amla ( <i>Emblica officinalis</i> Gaertn.) extracts reduce oxidative stress in streptozotocin-induced diabetic rats. <b>2005</b> , 8, 362-8	63
1582	Plasma adiponectin is modestly decreased during 24-hour insulin infusion but not after inhibition of lipolysis by Acipimox. <b>2005</b> , 65, 523-31	12
1581	Adiponectin/ACP30, a collagen-like plasma protein in relation to anthropometric measurement in Thai overweight and obese subjects. <b>2005</b> , 56, 193-201	1
1580	Therapeutic perspectives of adipocytokines. <b>2005</b> , 6, 863-72	40
1579	Adiponectin polymorphisms, adiposity and insulin metabolism: HERITAGE family study and Oulu diabetic study. <b>2005</b> , 37, 141-50	43
1578	Adiponectin values are unchanged during pregnancy in rats. <b>2005</b> , 28, 609-15	11
1577	Lifestyle modification and endothelial function in obese subjects. <b>2005</b> , 3, 231-41	19
1576	INSULOT: a cellular phone-based edutainment learning tool for children with type 1 diabetes. <b>2005</b> , 28, 760	20
1575	Adiponectin and adiponectin receptors. <b>2005</b> , 26, 439-51	1962
1574	Adiponectin levels in women with polycystic ovary syndrome and severe insulin resistance. <b>2005</b> , 12, 129-34	50
1573	Conjugated linoleic acid-induced fatty liver can be attenuated by combination with docosahexaenoic acid in C57BL/6N mice. <b>2005</b> , 53, 9629-33	41
1572	Identification of extracellular and intracellular signaling components of the mammary adipose tissue and its interstitial fluid in high risk breast cancer patients: toward dissecting the molecular circuitry of epithelial-adipocyte stromal cell interactions. <b>2005</b> , 4, 492-522	181
1571	Hormonal regulation of food intake. <b>2005</b> , 85, 1131-58	267

1570	High adiponectin in chronic liver disease and cholestasis suggests biliary route of adiponectin excretion in vivo. <b>2005</b> , 42, 666-73	103
1569	Adiponectin and glucose production in patients infected with Plasmodium falciparum. <b>2005</b> , 54, 60-6	11
1568	Correlation between the adiponectin-leptin ratio and parameters of insulin resistance in patients with type 2 diabetes. <b>2005</b> , 54, 281-6	126
1567	The reciprocal association of adipocytokines with insulin resistance and C-reactive protein in clinically healthy men. <b>2005</b> , 54, 439-44	38
1566	Exercise training is not associated with improved levels of C-reactive protein or adiponectin. <b>2005</b> , 54, 533-41	167
1565	Inverse correlation between serum adiponectin concentration and hepatic lipid content in Japanese with type 2 diabetes. <b>2005</b> , 54, 775-80	17
1564	Current knowledge in the neurophysiologic modulation of obesity. <b>2005</b> , 54, 1202-17	12
1563	Osmotin is a homolog of mammalian adiponectin and controls apoptosis in yeast through a homolog of mammalian adiponectin receptor. <b>2005</b> , 17, 171-80	155
1562	Reciprocal association between visceral obesity and adiponectin: in healthy premenopausal women. <b>2005</b> , 101, 385-90	41
1561	Differential expression of factors involved in fat metabolism with age and the menopause transition. <b>2005</b> , 51, 299-306	54
1560	Regulation of adiponectin receptor R1 and R2 gene expression in adipocytes of C57BL/6 mice. <b>2005</b> , 329, 1127-32	33
1559	Identification of the promoter region required for human adiponectin gene transcription: Association with CCAAT/enhancer binding protein-beta and tumor necrosis factor-alpha. <b>2005</b> , 331, 484-90	61
1558	Adiponectin increases bone mass by suppressing osteoclast and activating osteoblast. <b>2005</b> , 331, 520-6	310
1557	Prolactin and growth hormone regulate adiponectin secretion and receptor expression in adipose tissue. <b>2005</b> , 331, 1120-6	146
1556	Adiponectin inhibits the binding of low-density lipoprotein to biglycan, a vascular proteoglycan. <b>2005</b> , 335, 66-70	17
1555	Effect of PPAR-alpha and -gamma agonist on the expression of visfatin, adiponectin, and TNF-alpha in visceral fat of OLETF rats. <b>2005</b> , 336, 747-53	131
1554	Adiponectin represses gluconeogenesis independent of insulin in hepatocytes. <b>2005</b> , 338, 793-9	52
1553	Leptin as a new diagnostic tool in chronic heart failure. <b>2005</b> , 362, 1-11	51

1552	Adipocyte/macrophage fatty acid binding proteins control integrated metabolic responses in obesity and diabetes. <b>2005</b> , 1, 107-19	358
1551	The role of the adipocyte hormone adiponectin in cardiovascular disease. <b>2005</b> , 5, 129-34	92
1550	Metabolic syndrome-interdependence of the cardiovascular and metabolic pathways. <b>2005</b> , 5, 135-42	36
1549	Association of resistin with visceral fat and muscle insulin resistance. <b>2005</b> , 32, 39-44	45
1548	Development of conjugated linoleic acid (CLA)-mediated lipotrophic syndrome in the mouse. <b>2005</b> , 87, 73-9	69
1547	Increased adipogenesis in bone marrow but decreased bone mineral density in mice devoid of thyroid hormone receptors. <b>2005</b> , 36, 607-16	53
1546	The effect of PPARgamma ligands on the adipose tissue in insulin resistance. <b>2005</b> , 73, 65-75	94
1545	Common polymorphisms in the PPARgamma2 and IRS-1 genes and their interaction influence serum adiponectin concentration in young Finnish men. <b>2005</b> , 84, 344-8	22
1544	Levels of the adipocyte-derived plasma protein, adiponectin, have a close relationship with atheroma. <b>2005</b> , 115, 483-90	50
1543	PPARs: therapeutic targets for metabolic disease. <b>2005</b> , 26, 244-51	563
1542	Fasting serum levels of adiponectin, ghrelin, and leptin in men with spinal cord injury. <b>2005</b> , 86, 1964-8	39
1541	[Adiponectin: a new link between obesity, insulin resistance and cardiovascular disease]. <b>2005</b> , 124, 388-95	23
1540	Adiponectin and the Cardiovascular System. <b>2005</b> , 191-200	
1539	Decreased plasma adiponectin concentrations are closely related to steatosis in hepatitis C virus-infected patients. <b>2005</b> , 90, 2240-3	85
1538	Adipose tissue: a regulator of inflammation. <b>2005</b> , 19, 547-66	230
1537	AMP-activated protein kinase and malonyl-CoA: Targets for treating insulin resistance?. <b>2005</b> , 2, 157-163	14
1536	Effects of diet and/or exercise on the adipocytokine and inflammatory cytokine levels of postmenopausal women with type 2 diabetes. <b>2005</b> , 54, 866-75	155
1535	Inhibition of the phosphatidylinositol 3'-kinase signaling pathway leads to decreased insulin-stimulated adiponectin secretion from 3T3-L1 adipocytes. <b>2005</b> , 54, 1636-43	42

1534	Angiopoietin-like proteins: potential new targets for metabolic syndrome therapy. <b>2005</b> , 11, 473-9	101
1533	Metabolic Syndrome and Adipokines. <b>2005</b> , 233-251	
1532	Transgenic Animal Models and the Metabolic Syndrome. <b>2005</b> , 67-82	
1531	Interactions of metabolic hormones, adipose tissue and exercise. <b>2005</b> , 35, 393-412	94
1530	Expression and regulation of adiponectin and receptor in human and rat placenta. <b>2005</b> , 90, 4276-86	178
1529	Nonalcoholic Fatty Liver Disease: A new entry in the Metabolic Syndrome?. <b>2005</b> , 383-392	
1528	Fat in the liver and insulin resistance. <b>2005</b> , 37, 347-56	202
1527	Association between lifestyle factors and plasma adiponectin levels in Japanese men. <b>2005</b> , 4, 27	50
1526	Beyond Insulin Therapy. <b>2006</b> , 395-416	1
1525	HIV Infection-Related Cachexia and Lipodystrophy. <b>2006</b> , 407-428	1
1524	Nutritional supplementation with trans-10, cis-12-conjugated linoleic acid induces inflammation of white adipose tissue. <b>2006</b> , 55, 1634-41	154
1523	Chapter 14 Insulin resistance, inflammation, and the IKK/ $\text{I}\beta$ /NF- $\kappa$ B pathway. <b>2006</b> , 279-321	1
1522	Mediterranean diet, endothelial function and vascular inflammatory markers. <b>2006</b> , 9, 1073-6	64
1521	Post-translational modifications of the four conserved lysine residues within the collagenous domain of adiponectin are required for the formation of its high molecular weight oligomeric complex. <b>2006</b> , 281, 16391-400	193
1520	Differential effects of peroxisome proliferator-activated receptor ligands and sulfonylurea plus statin treatment on plasma concentrations of adipokines in type 2 diabetes with dyslipidemia. <b>2006</b> , 32, 229-35	20
1519	Transcriptional regulation of metabolism. <b>2006</b> , 86, 465-514	632
1518	Sex-discordant associations with adiponectin levels and lipid profiles in children. <b>2006</b> , 55, 1337-41	49
1517	Relationship between serum adiponectin level and lipid composition in each lipoprotein fraction in adolescent children. <b>2006</b> , 188, 179-83	25

1516	Adiponectin and inflammatory markers in peripheral arterial occlusive disease. <b>2006</b> , 188, 384-90	60
1515	Adiponectin and its gene variants as risk factors for insulin resistance, the metabolic syndrome and cardiovascular disease. <b>2006</b> , 188, 231-44	133
1514	Role of obesity, insulin resistance, and steatosis in hepatitis C virus infection. <b>2006</b> , 10, 793-819	14
1513	Peroxisome proliferator-activated receptor gamma agonists: their role as vasoprotective agents in diabetes. <b>2006</b> , 35, 561-74, ix	22
1512	Diverse Signals Regulate Glucose Uptake into Skeletal Muscle. <b>2006</b> , 30, 80-88	10
1511	Effect of adiponectin on murine colitis induced by dextran sulfate sodium. <b>2006</b> , 131, 853-61	110
1510	El eslabón perdido del síndrome metabólico: hiperlipemia posprandial y estrés oxidativo. <b>2006</b> , 53, 345-352	7
1509	Adiponectin: a link between obesity and cancer. <b>2006</b> , 15, 917-31	85
1508	Adiponectin attenuates allergen-induced airway inflammation and hyperresponsiveness in mice. <b>2006</b> , 118, 389-95	243
1507	Adiponectin and stress hormone responses to maximal sculling after volume-extended training season in elite rowers. <b>2006</b> , 55, 13-9	66
1506	The SNP276G>T polymorphism in the adiponectin (ACDC) gene is more strongly associated with insulin resistance and cardiovascular disease risk than SNP45T>G in nonobese/nondiabetic Korean men independent of abdominal adiposity and circulating plasma adiponectin. <b>2006</b> , 55, 59-66	47
1505	Serum adiponectin in a population sample of 64-year-old women in relation to glucose tolerance, family history of diabetes, autoimmunity, insulin sensitivity, C-peptide, and inflammation. <b>2006</b> , 55, 188-94	28
1504	Correlation between change in body weight rather than current body weight and change in serum adiponectin levels in a Japanese population -- the Funagata study. <b>2006</b> , 55, 324-30	14
1503	Expression of the adiponectin receptors AdipoR1 and AdipoR2 in lean rats and in obese Zucker rats. <b>2006</b> , 55, 396-401	46
1502	Angiotensin II infusion decreases plasma adiponectin level via its type 1 receptor in rats: an implication for hypertension-related insulin resistance. <b>2006</b> , 55, 478-88	110
1501	Relationship between the adiponectin-leptin ratio and parameters of insulin resistance in subjects without hyperglycemia. <b>2006</b> , 55, 1248-54	96
1500	Effect of aerobic training on plasma levels and subcutaneous abdominal adipose tissue gene expression of adiponectin, leptin, interleukin 6, and tumor necrosis factor alpha in obese women. <b>2006</b> , 55, 1375-81	150
1499	Association between hypoadiponectinemia and cardiovascular risk factors in nonobese healthy adults. <b>2006</b> , 55, 1546-50	43

1498	Adiponectin and its correlates of cardiovascular risk in young adults: the Bogalusa Heart Study. <b>2006</b> , 55, 1551-7	48
1497	Vanadium and insulin increase adiponectin production in 3T3-L1 adipocytes. <b>2006</b> , 54, 30-8	23
1496	Adiponectin and its receptors: partners contributing to the "vicious circle" leading to the metabolic syndrome?. <b>2006</b> , 53, 478-81	16
1495	Serum adiponectin concentration: its correlation with diabetes-related traits and quantitative trait loci analysis in mouse SMXA recombinant inbred strains. <b>2006</b> , 70, 677-83	4
1494	Diet and inflammation: a link to metabolic and cardiovascular diseases. <b>2006</b> , 27, 15-20	152
1493	Reduced levels of adiponectin in sleep apnea syndrome. <b>2006</b> , 29, 700-5	54
1492	New treatment strategies for patients with hypertension and insulin resistance. <b>2006</b> , 119, S24-30	57
1491	Low birth weight is associated with reduced adiponectin concentration in adult. <b>2006</b> , 16, 669-74	13
1490	Lipotoxicity, overnutrition and energy metabolism in aging. <b>2006</b> , 5, 144-64	170
1489	Insulin resistance in nondiabetic patients with acute myocardial infarction. <b>2006</b> , 7, 54-60	20
1488	Laboratory tests and measurements in children born small for gestational age (SGA). <b>2006</b> , 364, 113-23	6
1487	Plasma adiponectin is related to other cardiovascular risk factors in nondiabetic Korean men with CAD, independent of adiposity and cigarette smoking: cross-sectional analysis. <b>2006</b> , 370, 63-71	18
1486	Role of adiponectin in human skeletal muscle bioenergetics. <b>2006</b> , 4, 75-87	190
1485	Adiponectin plays an important role in efficient energy usage under energy shortage. <b>2006</b> , 1761, 709-16	23
1484	Short-term pioglitazone treatment prevents free fatty acid-induced hepatic insulin resistance in normal rats: possible role of the resistin and adiponectin. <b>2006</b> , 339, 1190-6	17
1483	Changes of skeletal muscle adiponectin content in diet-induced insulin resistant rats. <b>2006</b> , 341, 209-17	38
1482	Adiponectin mediates antiproliferative and apoptotic responses in human MCF7 breast cancer cells. <b>2006</b> , 345, 271-9	281
1481	Adiponectin downregulates its own production and the expression of its AdipoR2 receptor in transgenic mice. <b>2006</b> , 345, 1414-24	69



1480	Visfatin in adipocytes is upregulated by hypoxia through HIF1alpha-dependent mechanism. <b>2006</b> , 349, 875-82	89
1479	Aldehyde oxidase 1 is highly abundant in hepatic steatosis and is downregulated by adiponectin and fenofibric acid in hepatocytes in vitro. <b>2006</b> , 350, 731-5	59
1478	Rethinking leptin and insulin action: therapeutic opportunities for diabetes. <b>2006</b> , 38, 820-30	44
1477	Contribution of adipocyte-derived factors to beta-cell dysfunction in diabetes. <b>2006</b> , 38, 804-19	66
1476	Serum adiponectin and leptin levels in Taiwanese breast cancer patients. <b>2006</b> , 237, 109-14	262
1475	Role of adipokines in the control of energy metabolism: focus on adiponectin. <b>2006</b> , 6, 580-5	70
1474	Serum CRP levels are equally elevated in newly diagnosed type 2 diabetes and impaired glucose tolerance and related to adiponectin levels and insulin sensitivity. <b>2006</b> , 72, 244-50	56
1473	Cloning, expression and chromosome localization of porcine adiponectin and adiponectin receptors genes. <b>2006</b> , 30, 117-25	28
1472	Adiponectin and glucose levels in women with negative or false positive glucose challenge test. <b>2006</b> , 129, 31-5	3
1471	Non-alcoholic steatohepatitis: from cell biology to clinical practice. <b>2006</b> , 44, 197-208	152
1470	Adiponectine et syndrome mtabolique. <b>2006</b> , 21, 1-7	
1469	Childhood obesity and the metabolic syndrome. <b>2006</b> , 53, 23-53	11
1468	Leptin transgene expression in the hypothalamus enforces euglycemia in diabetic, insulin-deficient nonobese Akita mice and leptin-deficient obese ob/ob mice. <b>2006</b> , 27, 2332-42	51
1467	The dysregulated adipose tissue: a connecting link between insulin resistance, type 2 diabetes mellitus and atherosclerosis. <b>2006</b> , 16 Suppl 1, S35-8	61
1466	Insulin Resistance and the Metabolic Syndrome. <b>2006</b> , 139-169	
1465	Serum Adiponectin, TNF- $\alpha$ and IL-6 and Insulin Resistance in Women with Polycystic Ovary Syndrome. <b>2006</b> , 30, 104	1
1464	Insulin Resistance and PPAR $\alpha$ <b>2006</b> , 30, 317	2
1463	Relationship between adipokines, inflammation, and vascular reactivity in lean controls and obese subjects with metabolic syndrome. <b>2006</b> , 61, 433-40	65

1462	Type 2 Diabetes: Insulin Resistance, Beta Cell Dysfunction, and Other Metabolic and Hormonal Abnormalities. <b>2006</b> , 21-34	1
1461	Biological Clock Control of Glucose Metabolism. <b>2006</b> , 87-117	
1460	Non-alcoholic Steatohepatitis. <b>2006</b> , 279-303	5
1459	Adiponectin and adiponectin receptors in insulin resistance, diabetes, and the metabolic syndrome. <b>2006</b> , 116, 1784-92	1967
1458	Adipocytes. <b>2006</b> ,	
1457	Pathogenesis of Obesity-Related Type 2 Diabetes. <b>2006</b> , 49-78	1
1456	Effect of exercise on circulating adipokine levels in obese young women. <b>2006</b> , 53, 189-95	153
1455	Relationship between plasma adiponectin levels and the metabolic syndrome among Korean people. <b>2006</b> , 53, 247-54	22
1454	Possible relationship between adiponectin and renal tubular injury in diabetic nephropathy. <b>2006</b> , 53, 745-52	48
1453	Hypoadiponectinemia in lean lactating women: Prolactin inhibits adiponectin secretion from human adipocytes. <b>2006</b> , 53, 555-62	61
1452	Future directions in reducing hepatic lipotoxicity. <b>2006</b> , 1, 331-341	3
1451	Neuroendocrine and metabolic effects of adipocyte-derived hormones. <b>2006</b> , 110, 143-52	45
1450	C1qTNF-related protein-1 (CTRP-1): a vascular wall protein that inhibits collagen-induced platelet aggregation by blocking VWF binding to collagen. <b>2006</b> , 107, 423-30	80
1449	Obesity and the role of adipose tissue in inflammation and metabolism. <b>2006</b> , 83, 461S-465S	906
1448	Adiponectin is present in human milk and is associated with maternal factors. <b>2006</b> , 83, 1106-11	128
1447	Adipose tissue and adipokines--energy regulation from the human perspective. <b>2006</b> , 136, 1935S-1939S	151
1446	Chapter 2 PPAR $\alpha$ a key therapeutic target in the metabolic syndrome Unique insights derived from the study of human genetic variants. <b>2006</b> , 5, 15-41	
1445	Role of adipokines in the obesity-inflammation relationship: the effect of fat removal. <b>2006</b> , 118, 1048-1057	63

1444	Adipocyte apoptosis after burn injury is associated with altered fat metabolism. <b>2006</b> , 27, 367-76	13
1443	Dietary conjugated linoleic acid lowered tumor necrosis factor-alpha content and altered expression of genes related to lipid metabolism and insulin sensitivity in the skeletal muscle of Zucker rats. <b>2006</b> , 54, 7935-9	17
1442	Eating, vascular biology, and atherosclerosis: a lot to chew on. <b>2006</b> , 27, 13-4	11
1441	Serum levels of hepatoprotective peptide adiponectin in non-alcoholic fatty liver disease. <b>2006</b> , 18, 175-80	53
1440	Influence of laser light on AMPK as a factor in the laser therapy of diabetes. <b>2006</b> ,	
1439	Molecular aspects of insulin therapy in critically ill patients. <b>2006</b> , 9, 124-30	20
1438	Insulin Resistance, Diabetes and its Complications. <b>2006</b> ,	
1437	Effects of Dietary Procyanidins and Tea Polyphenols on Adipose Tissue Mass and Fatty Acid Metabolism in Rats on a High Fat Diet. <b>2006</b> , 55, 79-89	29
1436	Adiponectin receptor expression in the human adrenal cortex and aldosterone-producing adenomas. <b>2006</b> , 17, 975	0
1435	Low birth weight and insulin resistance associated with lean body adiposity in an adolescent onset diabetic patient. <b>2006</b> , 45, 5-9	2
1434	[Diabetes and the metabolic syndrome]. <b>2006</b> , 128, 133-40	
1433	Genetic variants of adiponectin receptor 2 are associated with increased adiponectin levels and decreased triglyceride/VLDL levels in patients with metabolic syndrome. <b>2006</b> , 5, 11	21
1432	Proteomic characterization of human serum proteins associated with the fat-derived hormone adiponectin. <b>2006</b> , 6, 3862-70	49
1431	Regulation of Kupffer cell activity during chronic ethanol exposure: role of adiponectin. <b>2006</b> , 21 Suppl 3, S30-3	31
1430	Adipocyte signaling: at the crossroads of metabolism, inflammation, and vascular function. <b>2006</b> , 10, 136-9	
1429	Adiponectin--a key adipokine in the metabolic syndrome. <b>2006</b> , 8, 264-80	468
1428	Insulin resistance--a common link between type 2 diabetes and cardiovascular disease. <b>2006</b> , 8, 237-49	88
1427	Low number of omental preadipocytes with high leptin and low adiponectin secretion is associated with high fasting plasma glucose levels in obese subjects. <b>2006</b> , 8, 585-8	11

1426	Circulating adipocytokines in non-diabetic and Type 1 diabetic children: relationship to insulin therapy, glycaemic control and pubertal development. <b>2006</b> , 23, 660-5	29
1425	Diabetes with partial lipodystrophy following sclerodermatous chronic graft vs. host disease. <b>2006</b> , 23, 436-40	27
1424	High adiponectin concentration and its role for longevity in female centenarians. <b>2006</b> , 6, 32-39	24
1423	Insulin stimulation of hepatic triacylglycerol secretion in the insulin-replete state: implications for the etiology of peripheral insulin resistance. <b>2002</b> , 967, 52-65	32
1422	Transgenic mice overexpressing the rate-limiting enzyme for hexosamine synthesis in skeletal muscle or adipose tissue exhibit total body insulin resistance. <b>2002</b> , 967, 102-11	35
1421	Increased fat intake, impaired fat oxidation, and failure of fat cell proliferation result in ectopic fat storage, insulin resistance, and type 2 diabetes mellitus. <b>2002</b> , 967, 363-78	308
1420	Methionine restriction decreases visceral fat mass and preserves insulin action in aging male Fischer 344 rats independent of energy restriction. <b>2006</b> , 5, 305-14	199
1419	The role of adipokines as regulators of skeletal muscle fatty acid metabolism and insulin sensitivity. <b>2006</b> , 186, 5-16	177
1418	Physiological and pathophysiological regulation of regional adipose tissue in the development of insulin resistance and type 2 diabetes. <b>2006</b> , 186, 87-101	20
1417	The endocrine function of adipose tissue: an update. <b>2006</b> , 64, 355-65	342
1416	Raised plasma adiponectin levels in type 1 diabetic pregnancies. <b>2006</b> , 65, 17-21	8
1415	Adiponectin levels and cardiovascular risk factors in hypothyroidism and hyperthyroidism. <b>2006</b> , 65, 530-5	40
1414	Effects of pioglitazone and metformin on plasma adiponectin in newly detected type 2 diabetes mellitus. <b>2006</b> , 65, 722-8	43
1413	Elevated circulating adiponectin in type 1 diabetes is associated with long diabetes duration. <b>2006</b> , 65, 776-82	36
1412	The transition to menopause reinforces adiponectin production and its contribution to improvement of insulin-resistant state. <b>2007</b> , 66, 65-71	18
1411	Hyperleptinaemia and hypoadiponectinaemia are associated with gallstone disease. <b>2006</b> , 36, 176-80	19
1410	Low plasma adiponectin is associated with coronary artery disease but not with hypertension in high-risk nondiabetic patients. <b>2006</b> , 260, 474-83	41
1409	Young adult-specific hyperphagia in diabetic Goto-kakizaki rats is associated with leptin resistance and elevation of neuropeptide Y mRNA in the arcuate nucleus. <b>2006</b> , 18, 748-56	22

1408	Hepatic steatosis and insulin resistance are associated with serum imbalance of adiponectin/tumour necrosis factor-alpha in chronic hepatitis C patients. <b>2006</b> , 24, 1349-57	91
1407	APPL1 binds to adiponectin receptors and mediates adiponectin signalling and function. <b>2006</b> , 8, 516-23	507
1406	Deficiency of interleukin-18 in mice leads to hyperphagia, obesity and insulin resistance. <i>Nature Medicine</i> , <b>2006</b> , 12, 650-6	50.5 314
1405	Cold exposure suppresses serum adiponectin levels through sympathetic nerve activation in mice. <b>2006</b> , 14, 1132-41	73
1404	Early obesity and age-related mimicry of metabolic syndrome in female mice with sex hormonal imbalances. <b>2006</b> , 14, 1142-54	16
1403	Comparison of body fat composition and serum adiponectin levels in diabetic obesity and non-diabetic obesity. <b>2006</b> , 14, 1164-71	31
1402	Differential regulation of adiponectin receptor gene expression by adiponectin and leptin in myotubes derived from obese and diabetic individuals. <b>2006</b> , 14, 1898-904	29
1401	Metabolic actions of adipocyte hormones: focus on adiponectin. <b>2006</b> , 14 Suppl 1, 9S-15S	110
1400	Adiponectin receptors in human adipose tissue: effects of obesity, weight loss, and fat depots. <b>2006</b> , 14, 28-35	113
1399	The effect of moderate alcohol consumption on fat distribution and adipocytokines. <b>2006</b> , 14, 60-6	72
1398	Adipocytes as regulators of energy balance and glucose homeostasis. <b>2006</b> , 444, 847-53	1535
1397	Low serum adiponectin levels in subjects born small for gestational age: impact on insulin sensitivity. <b>2006</b> , 30, 83-7	40
1396	Body fat mass and lean mass as predictors of survival in hemodialysis patients. <b>2006</b> , 70, 549-56	119
1395	Lipotoxicity. <b>2006</b> , 70, 1560-6	258
1394	Gap analysis of pediatric reference intervals for risk biomarkers of cardiovascular disease and the metabolic syndrome. <b>2006</b> , 39, 569-87	58
1393	Exacerbation of dietary steatohepatitis and fibrosis in obese, diabetic KK-A(y) mice. <b>2006</b> , 36, 217-28	41
1392	Recent findings concerning thiazolidinediones in the treatment of diabetes. <b>2006</b> , 15, 243-50	71
1391	Adiponectin, type 2 diabetes and the metabolic syndrome: lessons from human genetic studies. <b>2006</b> , 8, 1-12	58

1390	Metabolic syndrome manifestations in classic congenital adrenal hyperplasia: do they predispose to atherosclerotic cardiovascular disease and secondary polycystic ovary syndrome?. <b>2006</b> , 1083, 37-53	26
1389	The relationship between features of metabolic syndrome and blood adipocytokine concentrations in the morbid obese patients during dynamic weight loss. <b>2006</b> , 1, 136-147	
1388	Impact of gastric banding on plasma adiponectin levels. <b>2006</b> , 16, 1057-61	19
1387	Adipocyte-derived hormones, cytokines, and mediators. <b>2006</b> , 29, 81-90	165
1386	Globular adiponectin augments insulin secretion from pancreatic islet beta cells at high glucose concentrations. <b>2006</b> , 30, 217-21	38
1385	Leptin in the field of hepatic fibrosis: a pivotal or an incidental player?. <b>2006</b> , 51, 1685-96	19
1384	The effects of acute exercise on serum adiponectin and resistin levels and their relation to insulin sensitivity in overweight males. <b>2006</b> , 97, 122-6	58
1383	Resistin as a putative modulator of insulin action in the daily feeding/fasting rhythm. <b>2006</b> , 452, 260-7	30
1382	Prostaglandin D2 and J2-series (PGJ2, Delta12-PGJ2) prostaglandins stimulate IL-6 and MCP-1, but inhibit leptin, expression and secretion by 3T3-L1 adipocytes. <b>2006</b> , 453, 177-87	20
1381	Adipositas und Krebs. <b>2006</b> , 39, 975-980	3
1380	Current and novel approaches to the drug therapy of obesity. <b>2006</b> , 62, 793-803	19
1379	Regulation of fat metabolism in the liver: link to non-alcoholic hepatic steatosis and impact of physical exercise. <b>2006</b> , 63, 1393-409	109
1378	[Comorbidities and complications of adiposis]. <b>2006</b> , 47, 141-9	3
1377	Human genetics of adiponectin in the metabolic syndrome. <b>2006</b> , 84, 112-21	86
1376	Regulation of adiponectin receptors in hepatocytes by the peroxisome proliferator-activated receptor-gamma agonist rosiglitazone. <b>2006</b> , 49, 1303-10	49
1375	Reduced plasma adiponectin concentrations may contribute to impaired insulin activation of glycogen synthase in skeletal muscle of patients with type 2 diabetes. <b>2006</b> , 49, 1283-91	54
1374	Polymorphisms of the gene encoding adiponectin and glycaemic outcome of Chinese subjects with impaired glucose tolerance: a 5-year follow-up study. <b>2006</b> , 49, 1806-15	67
1373	Is omega-3 key to unlocking inflammation in obesity?. <b>2006</b> , 49, 1999-2001	29

1372	Association between variants in the genes for adiponectin and its receptors with insulin resistance syndrome (IRS)-related phenotypes in Mexican Americans. <b>2006</b> , 49, 2317-28	45
1371	Lower weight gain and higher expression and blood levels of adiponectin in rats fed medium-chain TAG compared with long-chain TAG. <b>2006</b> , 41, 207-12	42
1370	Hepatopathie non alcoolique: de la st�tose � la cirrhose. <b>2006</b> , 36, 299-314	1
1369	Brief review: angiotensin converting enzyme inhibitors and angioedema: anesthetic implications. <b>2006</b> , 53, 994-1003	40
1368	Effects of eicosapentaenoic acid (EPA) on adiponectin gene expression and secretion in primary cultured rat adipocytes. <b>2006</b> , 62, 61-9	43
1367	Angiogenesis--a new target for future therapy. <b>2006</b> , 44, 265-74	246
1366	Fat-derived hormone adiponectin combined with FTY720 significantly improves small-for-size fatty liver graft survival. <b>2006</b> , 6, 467-76	24
1365	Non-viral adiponectin gene therapy into obese type 2 diabetic mice ameliorates insulin resistance. <b>2006</b> , 114, 118-25	20
1364	Obesity and asthma. <b>2006</b> , 110, 83-102	204
1363	Peroxisome proliferator-activated receptor gamma as a drug target in the pathogenesis of insulin resistance. <b>2006</b> , 111, 145-73	87
1362	Serum adiponectin levels in cholesterol and pigment cholelithiasis. <b>2006</b> , 93, 981-6	26
1361	Adiponectin as a therapeutic target for obesity-related metabolic and cardiovascular disorders. <b>2006</b> , 67, 677-686	11
1360	Insulin resistance in diabetic nephropathy--cause or consequence?. <b>2006</b> , 22, 401-10	25
1359	Identification of amino-terminal region of adiponectin as a physiologically functional domain. <b>2006</b> , 98, 194-207	13
1358	Regulation of bone formation by adiponectin through autocrine/paracrine and endocrine pathways. <b>2006</b> , 99, 196-208	224
1357	Cartducin, a paralog of Acrp30/adiponectin, is induced during chondrogenic differentiation and promotes proliferation of chondrogenic precursors and chondrocytes. <b>2006</b> , 206, 537-44	55
1356	Adiponectin, ghrelin, and leptin in cancer cachexia in breast and colon cancer patients. <b>2006</b> , 106, 966-73	133
1355	Peroxisome proliferator-activated receptor-alpha,gamma-agonist improves insulin sensitivity and prevents loss of left ventricular function in obese dyslipidemic mice. <b>2006</b> , 26, 922-8	32

1354	Acquired obesity increases CD68 and tumor necrosis factor-alpha and decreases adiponectin gene expression in adipose tissue: a study in monozygotic twins. <b>2006</b> , 91, 2776-81	58
1353	Adiponectin concentration in umbilical cord serum is positively associated with the weight ratio of fetus to placenta. <b>2006</b> , 91, 5090-4	29
1352	Adiponectin, adiposity, and insulin resistance in children and adolescents. <b>2006</b> , 91, 2119-25	86
1351	Association of serum adiponectin concentration to lipid and glucose metabolism in healthy humans. <b>2006</b> , 38, 336-40	31
1350	Adiponectin in umbilical cord blood is inversely related to low-density lipoprotein cholesterol but not ethnicity. <b>2006</b> , 91, 2244-9	26
1349	Subcutaneous fat modulates insulin sensitivity in mice by regulating TNF-alpha expression in visceral fat. <b>2006</b> , 38, 631-8	34
1348	Serum adiponectin and leptin concentrations in HIV-infected children with fat redistribution syndrome. <b>2006</b> , 60, 225-30	28
1347	Taurine (2-aminoethanesulfonic acid) deficiency creates a vicious circle promoting obesity. <b>2006</b> , 147, 3276-84	159
1346	Haplotypes in the promoter region of the ADIPOQ gene are associated with increased diabetes risk in a German Caucasian population. <b>2006</b> , 38, 447-51	54
1345	Changes and relations of circulating visfatin, apelin, and resistin levels in normal, impaired glucose tolerance, and type 2 diabetic subjects. <b>2006</b> , 114, 544-8	194
1344	Adiponectin expression is paradoxically increased in gold-thioglucose-induced obesity. <b>2006</b> , 38, 486-90	7
1343	Expression of adiponectin receptors and its possible implication in the human endometrium. <b>2006</b> , 147, 3203-10	130
1342	Elevated plasma adiponectin in humans with genetically defective insulin receptors. <b>2006</b> , 91, 3219-23	117
1341	Metabolismus und Mammakarzinom. <b>2006</b> , 66, 841-851	
1340	[Current laboratory parameters in the differential diagnosis of type 2 diabetes mellitus. Proinsulin, adiponectin and others]. <b>2006</b> , 131 Suppl 8, S268-73	1
1339	Plasma adiponectin level is associated with insulin-stimulated nonoxidative glucose disposal. <b>2006</b> , 91, 290-4	26
1338	Recombinant methionyl human leptin therapy in replacement doses improves insulin resistance and metabolic profile in patients with lipoatrophy and metabolic syndrome induced by the highly active antiretroviral therapy. <b>2006</b> , 91, 2605-11	138
1337	Partial replacement of waxy cornstarch by recrystallized amylose retards the development of insulin resistance in rats. <b>2006</b> , 70, 2429-36	3



1336	Effect of repeated US stimulation on adiponectin secretion by adipocytes of obese human subjects. <b>2006,</b>	4
1335	The etiology of hypertension in the metabolic syndrome part four: the systemic perspective--the role of the neuroendocrine and immune systems, and the challenge of integration. <b>2006, 4, 349-81</b>	3
1334	Hepatic insulin gene therapy prevents deterioration of vascular function and improves adipocytokine profile in STZ-diabetic rats. <b>2006, 290, E114-E122</b>	46
1333	MKR mice are resistant to the metabolic actions of both insulin and adiponectin: discordance between insulin resistance and adiponectin responsiveness. <b>2006, 291, E298-305</b>	35
1332	Endocrine responses to acute and chronic high-altitude exposure (4,300 meters): modulating effects of caloric restriction. <b>2006, 290, E1078-88</b>	88
1331	Clinical thiazolidinediones as PPARgamma ligands with the potential for the prevention of cardiovascular disease in diabetes. <b>2006, 2, 227-39</b>	3
1330	Adipose Tissue: Something More than Just Adipocytes. <b>2006, 2, 141-150</b>	11
1329	Pharmacogenetics in Type 2 Diabetes: Polymorphisms in Candidate Genes Affecting Responses to Antidiabetic Oral Treatment. <b>2006, 4, 69-78</b>	3
1328	The adipose renin-angiotensin system modulates systemic markers of insulin sensitivity and activates the intrarenal renin-angiotensin system. <b>2006, 2006, 27012</b>	56
1327	Relationship between inflammation, insulin resistance and type 2 diabetes: 'cause or effect'?. <b>2006, 2, 195-211</b>	92
1326	AMP-activated protein kinase and the regulation of glucose transport. <b>2006, 291, E867-77</b>	171
1325	Adiponectin normalizes LPS-stimulated TNF-alpha production by rat Kupffer cells after chronic ethanol feeding. <b>2006, 290, G998-1007</b>	110
1324	Improvements in insulin resistance with weight loss, in contrast to rosiglitazone, are not associated with changes in plasma adiponectin or adiponectin multimeric complexes. <b>2006, 290, R139-44</b>	62
1323	A polymorphism in the adiponectin gene influences adiponectin expression levels in visceral fat in obese subjects. <b>2006, 30, 226-32</b>	31
1322	Obesity and the role of gut and adipose hormones in female reproduction. <b>2006, 12, 585-601</b>	97
1321	Adipocyte-derived adiponectin is cardioprotective: fat cells can be our friends. <b>2006, 291, H2588-9</b>	1
1320	Mechanism of glucose intolerance in mice with dominant negative mutation of CEACAM1. <b>2006, 291, E517-24</b>	41
1319	Hormones and the autonomic nervous system are involved in suprachiasmatic nucleus modulation of glucose homeostasis. <b>2006, 2, 213-26</b>	15

1318	Adiponectin, structure, function and pathophysiological implications in non-alcoholic fatty liver disease. <b>2006</b> , 6, 651-6	17
1317	Effects of DGAT1 deficiency on energy and glucose metabolism are independent of adiponectin. <b>2006</b> , 291, E388-94	22
1316	Genetic and acquired lipodystrophies: from fat redistribution to insulin resistance and aging. <b>2006</b> , 1, 593-604	1
1315	Adipose overexpression of phosphoenolpyruvate carboxykinase leads to high susceptibility to diet-induced insulin resistance and obesity. <b>2006</b> , 55, 273-80	65
1314	Blockade of oestrogen biosynthesis in peripubertal boys: effects on lipid metabolism, insulin sensitivity, and body composition. <b>2006</b> , 155, 453-60	34
1313	Lipin deficiency impairs diurnal metabolic fuel switching. <b>2006</b> , 55, 3429-38	32
1312	Racial Differences in Adiponectin in Youth: Relationship to visceral fat and insulin sensitivity. <b>2006</b> , 29, 51-56	83
1311	Plasma adiponectin concentration and tumor necrosis factor-alpha system activity in lean non-diabetic offspring of type 2 diabetic subjects. <b>2006</b> , 154, 319-24	20
1310	The effect of exercise training on adiponectin receptor expression in KKAY obese/diabetic mice. <b>2006</b> , 189, 643-53	44
1309	Area postrema neurons are modulated by the adipocyte hormone adiponectin. <b>2006</b> , 26, 9695-702	80
1308	TLR4 links innate immunity and fatty acid-induced insulin resistance. <b>2006</b> , 116, 3015-25	2539
1307	A randomized comparison of pioglitazone to inhibit restenosis after coronary stenting in patients with type 2 diabetes. <b>2006</b> , 29, 101-6	82
1306	Obesity, peroxisome proliferator-activated receptor, and atherosclerosis in type 2 diabetes. <b>2006</b> , 26, 28-40	104
1305	Transcription factor activating enhancer-binding protein-2beta. A negative regulator of adiponectin gene expression. <b>2006</b> , 281, 31245-53	35
1304	Adipokines and the signaling role of adipose tissue in inflammation and obesity. <b>2006</b> , 1, 81-89	15
1303	The role of adiponectin in atherosclerosis and thrombosis. <b>2006</b> , 12, 163-8	52
1302	Lipin expression is attenuated in adipose tissue of insulin-resistant human subjects and increases with peroxisome proliferator-activated receptor gamma activation. <b>2006</b> , 55, 2811-8	89
1301	Genetic architecture of the APM1 gene and its influence on adiponectin plasma levels and parameters of the metabolic syndrome in 1,727 healthy Caucasians. <b>2006</b> , 55, 375-84	180

1300	Obesity and Diabetes. <b>2006,</b>	4
1299	Sex-steroid milieu determines diabetes rescue in pttg-null mice. <b>2006,</b> 189, 519-28	15
1298	Adipose tissue metabolism, diabetes and vascular disease--lessons from in vivo studies. <b>2006,</b> 3, 12-21	18
1297	Early effects of olanzapine on serum levels of ghrelin, adiponectin and leptin in patients with schizophrenia. <b>2006,</b> 20, 75-9	92
1296	Genome-wide linkage of plasma adiponectin reveals a major locus on chromosome 3q distinct from the adiponectin structural gene: the IRAS family study. <b>2006,</b> 55, 1723-30	39
1295	Measurement of the high-molecular weight form of adiponectin in plasma is useful for the prediction of insulin resistance and metabolic syndrome. <b>2006,</b> 29, 1357-62	470
1294	Hypoadiponectinemia and proinflammatory state: two sides of the same coin?: results from the Cooperative Health Research in the Region of Augsburg Survey 4 (KORA S4). <b>2006,</b> 29, 1626-31	40
1293	Serum adiponectin levels increase after human chorionic gonadotropin treatment during in vitro fertilization. <b>2006,</b> 62, 61-5	23
1292	Effect of lipids from Erabu sea snake, <i>Laticauda semifasciata</i> , on plasma glucose, insulin, and adipocytokine concentrations of normal and streptozotocin-diabetic mice. <b>2006,</b> 50, 425-32	2
1291	Mechanisms of insulin resistance in hypertensive rats. <b>2006,</b> 28, 543-52	29
1290	A novel enzyme-linked immunosorbent assay specific for high-molecular-weight adiponectin. <b>2006,</b> 47, 1572-82	109
1289	Adiponectin replenishment ameliorates obesity-related hypertension. <b>2006,</b> 47, 1108-16	342
1288	Dyslipidaemia, hypercoagulability and the metabolic syndrome. <b>2006,</b> 4, 175-83	37
1287	Appetite and energy balance signals from adipocytes. <b>2006,</b> 361, 1237-49	93
1286	Obesity-related derangements in metabolic regulation. <b>2006,</b> 75, 367-401	279
1285	Pathways leading to muscle insulin resistance--the muscle--fat connection. <b>2006,</b> 112, 105-13	45
1284	Intracellular trafficking and secretion of adiponectin is dependent on GGA-coated vesicles. <b>2006,</b> 281, 7253-9	55
1283	Hypoadiponectinemia is associated with progression toward type 2 diabetes and genetic variation in the ADIPOQ gene promoter. <b>2006,</b> 29, 1645-50	75

1282	Fish oil regulates adiponectin secretion by a peroxisome proliferator-activated receptor-gamma-dependent mechanism in mice. <b>2006</b> , 55, 924-8	237
1281	Adiponectin increases fatty acid oxidation in skeletal muscle cells by sequential activation of AMP-activated protein kinase, p38 mitogen-activated protein kinase, and peroxisome proliferator-activated receptor alpha. <b>2006</b> , 55, 2562-70	415
1280	Results of bariatric surgery. <b>2006</b> , 26, 481-511	20
1279	Genetic basis of lipodystrophies and management of metabolic complications. <b>2006</b> , 57, 297-311	123
1278	Adiponectin Does Not Cross the Blood-Brain Barrier but Modifies Cytokine Expression of Brain Endothelial Cells. <b>2006</b> , 55, 141-147	172
1277	Interaction of the -308G/A promoter polymorphism of the tumor necrosis factor-alpha gene with single-nucleotide polymorphism 45 of the adiponectin gene: effect on serum adiponectin concentrations in a Spanish population. <b>2006</b> , 52, 97-103	20
1276	Overexpression of monocyte chemoattractant protein-1 in adipose tissues causes macrophage recruitment and insulin resistance. <b>2006</b> , 281, 26602-14	638
1275	Overexpression of suppressor of cytokine signaling 3 in adipose tissue causes local but not systemic insulin resistance. <b>2006</b> , 55, 699-707	90
1274	Effectiveness of gastric bypass surgery in a patient with familial partial lipodystrophy. <b>2006</b> , 29, 1380-2	19
1273	Adiponectin-Dependent and -Independent Pathways in Insulin-Sensitizing and Antidiabetic Actions of Thiazolidinediones. <b>2006</b> , 55, S32-S38	12
1272	SIRT1 regulates adiponectin gene expression through Foxo1-C/enhancer-binding protein alpha transcriptional complex. <b>2006</b> , 281, 39915-24	274
1271	Comparison of serum high-molecular weight (HMW) adiponectin with total adiponectin concentrations in type 2 diabetic patients with coronary artery disease using a novel enzyme-linked immunosorbent assay to detect HMW adiponectin. <b>2006</b> , 55, 1954-60	233
1270	Genetic analysis of ADIPOR1 and ADIPOR2 candidate polymorphisms for type 2 diabetes in the Caucasian population. <b>2006</b> , 55, 856-61	66
1269	Pioglitazone ameliorates insulin resistance and diabetes by both adiponectin-dependent and -independent pathways. <b>2006</b> , 281, 8748-55	242
1268	Monounsaturated fat-rich diet prevents central body fat distribution and decreases postprandial adiponectin expression induced by a carbohydrate-rich diet in insulin-resistant subjects. <b>2007</b> , 30, 1717-23	167
1267	Non-alcoholic fatty-liver disease in pediatric populations. <b>2007</b> , 20, 1059-73	5
1266	Hypoadiponectinemia, dyslipidemia, and impaired growth in children with HIV-associated facial lipotrophy. <b>2007</b> , 20, 65-74	13
1265	Improved ELISA for selective measurement of adiponectin multimers and identification of adiponectin in human cerebrospinal fluid. <b>2007</b> , 53, 1541-4	63

1264	Opposing effects of adiponectin receptors 1 and 2 on energy metabolism. <b>2007</b> , 56, 583-93	206
1263	Identification and characterization of microvesicles secreted by 3T3-L1 adipocytes: redox- and hormone-dependent induction of milk fat globule-epidermal growth factor 8-associated microvesicles. <b>2007</b> , 148, 3850-62	131
1262	Increased glucose disposal and AMP-dependent kinase signaling in a mouse model of hemochromatosis. <b>2007</b> , 282, 37501-7	31
1261	Identification of adiponectin as a novel hemopoietic stem cell growth factor. <b>2007</b> , 178, 3511-20	140
1260	Administration of Lactobacillus evokes coordinated changes in the intestinal expression profile of genes regulating energy homeostasis and immune phenotype in mice. <b>2007</b> , 97, 1117-27	45
1259	Adiponectin cardioprotection after myocardial ischemia/reperfusion involves the reduction of oxidative/nitrative stress. <b>2007</b> , 115, 1408-16	370
1258	Peroxisome proliferator activated receptor alpha/gamma dual agonist tesaglitazar attenuates diabetic nephropathy in db/db mice. <b>2007</b> , 56, 2036-45	64
1257	Usefulness of a combined evaluation of the serum adiponectin level, HOMA-IR, and serum type IV collagen 7S level to predict the early stage of nonalcoholic steatohepatitis. <b>2007</b> , 102, 1931-8	120
1256	Kinase-dependent pathways and the development of insulin resistance in hepatocytes. <b>2007</b> , 2, 195-203	1
1255	Insulin resistance, adipocyte biology, and thiazolidinediones: a review. <b>2007</b> , 5, 103-15	7
1254	Adipose tissue hypoxia in obesity and its impact on adipocytokine dysregulation. <b>2007</b> , 56, 901-11	912
1253	Plasma adiponectin concentration in healthy pre- and postmenopausal women: relationship with body composition, bone mineral, and metabolic variables. <b>2007</b> , 293, E42-7	102
1252	Regulation of adiponectin and its receptors in response to development of diet-induced obesity in mice. <b>2007</b> , 292, E1079-86	111
1251	Deficiency of Cbl-b gene enhances infiltration and activation of macrophages in adipose tissue and causes peripheral insulin resistance in mice. <b>2007</b> , 56, 2511-22	58
1250	Hyperglycemia, maturity-onset obesity, and insulin resistance in NONcNZO10/LtJ males, a new mouse model of type 2 diabetes. <b>2007</b> , 293, E327-36	42
1249	Serum adipocyte fatty acid-binding protein levels were independently associated with carotid atherosclerosis. <b>2007</b> , 27, 1796-802	163
1248	Adiponectin oligomers in human serum during acute and chronic exercise: relation to lipid metabolism and insulin sensitivity. <b>2007</b> , 28, 1-8	34
1247	Combined effects of rosiglitazone and conjugated linoleic acid on adiposity, insulin sensitivity, and hepatic steatosis in high-fat-fed mice. <b>2007</b> , 292, G1671-82	52

1246	Effects of TNF-alpha neutralization on adipocytokines and skeletal muscle adiposity in the metabolic syndrome. <b>2007</b> , 293, E102-9	82
1245	Bezafibrate regulates the expression and enzyme activity of 11beta-hydroxysteroid dehydrogenase type 1 in murine adipose tissue and 3T3-L1 adipocytes. <b>2007</b> , 292, E1213-22	31
1244	(-)-Catechin suppresses expression of Kruppel-like factor 7 and increases expression and secretion of adiponectin protein in 3T3-L1 cells. <b>2007</b> , 292, E1166-72	80
1243	Artificial selection for high-capacity endurance running is protective against high-fat diet-induced insulin resistance. <b>2007</b> , 293, E31-41	109
1242	Globular adiponectin resistance develops independently of impaired insulin-stimulated glucose transport in soleus muscle from high-fat-fed rats. <b>2007</b> , 293, E83-90	64
1241	Effects of fasting on insulin action and glucose kinetics in lean and obese men and women. <b>2007</b> , 293, E1103-11	58
1240	Overexpression of human adiponectin in transgenic mice results in suppression of fat accumulation and prevention of premature death by high-calorie diet. <b>2007</b> , 293, E210-8	101
1239	Global life-long health benefits of repression of hypothalamic NPY system by central leptin gene therapy. <b>2007</b> , 7, 1675-81	9
1238	Targeting the liver in the metabolic syndrome: evidence from animal models. <b>2007</b> , 13, 2199-207	23
1237	Fatty acid metabolism in adipocytes: functional analysis of fatty acid transport proteins 1 and 4. <b>2007</b> , 48, 609-20	104
1236	Adiponectin levels in patients with intracranial atherosclerosis. <b>2007</b> , 68, 1931-7	49
1235	Adiponectin--an adipokine with unique metabolic properties. <b>2007</b> , 22, 981-8	44
1234	The role of adipokines in relation to HIV lipodystrophy. <b>2007</b> , 21, 895-904	43
1233	Insulin resistance is affected by increased levels of plasma lactate but not mitochondrial alterations in skeletal muscle in NRTI-exposed HIV-infected patients. <b>2007</b> , 8, 345-53	6
1232	Adiponectin and hypertension: a putative link between adipocyte function and atherosclerotic risk?. <b>2007</b> , 21, 1-4	19
1231	The genes influencing adiponectin levels also influence risk factors for metabolic syndrome and type 2 diabetes. <b>2007</b> , 79, 191-200	11
1230	Plasma adiponectin is increased in mice selectively bred for high wheel-running activity, but not by wheel running per se. <b>2007</b> , 39, 377-83	30
1229	Role of insulin receptor substrate-1 serine 307 phosphorylation and adiponectin in adipose tissue insulin resistance in late pregnancy. <b>2007</b> , 148, 5933-42	23

1228	Evidence for adipose-muscle cross talk: opposing regulation of muscle proteolysis by adiponectin and Fatty acids. <b>2007</b> , 148, 5696-705	80
1227	Relationships of plasma adiponectin level and adiponectin receptors 1 and 2 gene expression to insulin sensitivity and glucose and fat metabolism in monozygotic and dizygotic twins. <b>2007</b> , 92, 2835-9	17
1226	Review: Peroxisome proliferator-activated receptor gamma and adipose tissue--understanding obesity-related changes in regulation of lipid and glucose metabolism. <b>2007</b> , 92, 386-95	369
1225	Adiponectin levels in prepubertal children with Prader-Willi syndrome before and during growth hormone therapy. <b>2007</b> , 92, 1549-54	31
1224	Metabolic stress with a high carbohydrate diet increases adiponectin levels. <b>2007</b> , 39, 384-8	40
1223	C-reactive protein before and after weight loss in overweight women with and without polycystic ovary syndrome. <b>2007</b> , 92, 2944-51	53
1222	Endocrinology of adipose tissue - an update. <b>2007</b> , 39, 314-21	170
1221	Effect of prolonged training period on plasma adiponectin in elite male rowers. <b>2007</b> , 39, 519-23	16
1220	Environmental influences on adiponectin levels in humans. <b>2007</b> , 32, 505-11	16
1219	Suppression by licorice flavonoids of abdominal fat accumulation and body weight gain in high-fat diet-induced obese C57BL/6J mice. <b>2007</b> , 71, 206-14	98
1218	Circulating concentrations of adiponectin and tumor necrosis factor-alpha in gestational diabetes mellitus. <b>2007</b> , 23, 161-5	54
1217	Efficacy of atorvastatin therapy in ischaemic heart disease - effects on oxidized low-density lipoprotein and adiponectin. <b>2007</b> , 35, 534-9	17
1216	Geriatric Diabetes. <b>2007</b> ,	2
1215	Obesity. <b>2007</b> ,	11
1214	Adiponectin modulates inflammatory reactions via calreticulin receptor-dependent clearance of early apoptotic bodies. <b>2007</b> , 117, 375-86	272
1213	Intracellular magnesium and adipokines in umbilical cord plasma and infant birth size. <b>2007</b> , 62, 700-3	24
1212	Blood pressure control and inflammatory markers in type 2 diabetic patients treated with pioglitazone or rosiglitazone and metformin. <b>2007</b> , 30, 387-94	52
1211	Maintenance of adiponectin attenuates insulin resistance induced by dietary conjugated linoleic acid in mice. <b>2007</b> , 48, 444-52	32

1210	C-reactive protein inhibits adiponectin gene expression and secretion in 3T3-L1 adipocytes. <b>2007</b> , 194, 275-81	44
1209	Regulation of adiponectin and its receptors in rat ovary by human chorionic gonadotrophin treatment and potential involvement of adiponectin in granulosa cell steroidogenesis. <b>2007</b> , 133, 719-31	148
1208	Adiponectin resistance exacerbates insulin resistance in insulin receptor transgenic/knockout mice. <b>2007</b> , 56, 1969-76	74
1207	Adiponectin signals in prostate cancer cells through Akt to activate the mammalian target of rapamycin pathway. <b>2007</b> , 14, 995-1005	50
1206	Changes in adiponectin and inflammatory genes in response to hormonal imbalances in female mice and exacerbation of depot selective visceral adiposity by high-fat diet: implications for insulin resistance. <b>2007</b> , 148, 5667-79	12
1205	Adiponectin in children with chronic kidney disease: role of adiposity and kidney dysfunction. <b>2007</b> , 2, 46-50	21
1204	Effects of forced uncoupling protein 1 expression in 3T3-L1 cells on mitochondrial function and lipid metabolism. <b>2007</b> , 48, 826-36	41
1203	Lipid metabolism: its role in energy regulation and obesity. <b>2007</b> , 3-27	2
1202	Metabolic disturbances in patients with obstructive sleep apnoea syndrome. <b>2007</b> , 16, 196-202	1
1201	Differential long-term dietary regulation of adipokines, ghrelin, or corticosterone: impact on adiposity. <b>2008</b> , 196, 171-9	12
1200	Adiponectin secretion is regulated by SIRT1 and the endoplasmic reticulum oxidoreductase Ero1-L alpha. <b>2007</b> , 27, 4698-707	236
1199	Coculture with primary visceral rat adipocytes from control but not streptozotocin-induced diabetic animals increases glucose uptake in rat skeletal muscle cells: role of adiponectin. <b>2007</b> , 148, 4411-9	19
1198	Activation of nuclear factor-kappaB by high molecular weight and globular adiponectin. <b>2007</b> , 148, 5478-86	125
1197	Indapamide decreases plasma adiponectin concentration in patients with essential hypertension. <b>2007</b> , 30, 187-94	18
1196	Plasma adiponectin concentrations in non-pregnant, normal and overweight pregnant women. <b>2007</b> , 35, 522-31	63
1195	Strategies to reduce vascular risk associated with obesity. <b>2007</b> , 5, 249-58	13
1194	The increase in abdominal subcutaneous fat depot is an independent factor to determine the glycemic control after rosiglitazone treatment. <b>2007</b> , 157, 167-74	15
1193	Small for gestational age: short stature and beyond. <b>2007</b> , 28, 219-51	350



1192	Links between adipose tissue and thrombosis in the mouse. <b>2007</b> , 27, 2284-91	14
1191	n-3 Fatty acids preserve insulin sensitivity in vivo in a peroxisome proliferator-activated receptor-alpha-dependent manner. <b>2007</b> , 56, 1034-41	171
1190	Paradoxical elevation of high-molecular weight adiponectin in acquired extreme insulin resistance due to insulin receptor antibodies. <b>2007</b> , 56, 1712-7	82
1189	Treating insulin resistance: future prospects. <b>2007</b> , 4, 20-31	30
1188	The relationship between metabolic status and levels of adiponectin and ghrelin in lean women with polycystic ovary syndrome. <b>2007</b> , 23, 325-31	32
1187	Ectopic brown adipose tissue in muscle provides a mechanism for differences in risk of metabolic syndrome in mice. <b>2007</b> , 104, 2366-71	230
1186	Adiponectin sensitizes insulin signaling by reducing p70 S6 kinase-mediated serine phosphorylation of IRS-1. <b>2007</b> , 282, 7991-6	146
1185	Apple Polyphenol Improves Lipid Metabolism and Insulin Independence in Obese Rats. <b>2007</b> , 54, 287-294	6
1184	[Candidate drugs for non-alcoholic steatohepatitis (NASH)]. <b>2007</b> , 129, 271-5	
1183	The metabolic syndrome and the risk of thrombosis. <b>2007</b> , 92, 297-9	23
1182	PPAR agonists and the metabolic syndrome. <b>2007</b> , 62, 319-26	28
1181	Relationship of serum adiponectin level to adverse cardiovascular events in patients who undergo percutaneous coronary intervention. <b>2007</b> , 71, 675-80	33
1180	Phenotypes of IRS-2 deficient mice produced by reproductive technology are stable. <b>2007</b> , 56, 149-54	5
1179	Diet, obesity and diabetes: a current update. <b>2007</b> , 112, 93-111	48
1178	A combination of caffeine, arginine, soy isoflavones, and L-carnitine enhances both lipolysis and fatty acid oxidation in 3T3-L1 and HepG2 cells in vitro and in KK mice in vivo. <b>2007</b> , 137, 2252-7	44
1177	Diet, energy metabolism and mitochondrial biogenesis. <b>2007</b> , 10, 679-87	32
1176	Therapy and clinical trials. <b>2007</b> , 18, 384-6	
1175	The sympathetic nervous system and the metabolic syndrome. <b>2007</b> , 25, 909-20	275

1174	Obesity and asthma: implications for treatment. <b>2007</b> , 13, 56-62	69
1173	Adiponectin and the metabolic syndrome: mechanisms mediating risk for metabolic and cardiovascular disease. <b>2007</b> , 18, 263-70	211
1172	Subject Index To Volume 3. <b>2007</b> , 4, 4-8	
1171	Gender as a regulator of atherosclerosis in murine models. <b>2007</b> , 8, 1172-80	11
1170	Obesity and asthma: lessons from animal models. <b>2007</b> , 102, 516-28	121
1169	Regulation of adiponectin and leptin secretion and expression by insulin through a PI3K-PDE3B dependent mechanism in rat primary adipocytes. <b>2007</b> , 403, 519-25	49
1168	The minor allele of the PPARgamma2 pro12Ala polymorphism is associated with lower postprandial TAG and insulin levels in non-obese healthy men. <b>2007</b> , 97, 847-54	17
1167	The effects of obesity-associated insulin resistance on mRNA expression of peroxisome proliferator-activated receptor-gamma target genes, in dogs. <b>2007</b> , 98, 497-503	39
1166	Peripheral tissue-brain interactions in the regulation of food intake. <b>2007</b> , 66, 131-55	55
1165	Adiponectin and its receptors are expressed in adult ventricular cardiomyocytes and upregulated by activation of peroxisome proliferator-activated receptor gamma. <b>2007</b> , 43, 73-84	114
1164	Smoking status and adiponectin in healthy Japanese men and women. <b>2007</b> , 45, 471-5	39
1163	Effects of very low calorie diet induced body weight loss with or without human pegylated recombinant leptin treatment on changes in ghrelin and adiponectin concentrations. <b>2007</b> , 91, 274-80	23
1162	Clinical and laboratory diagnosis of the metabolic syndrome. <b>2008</b> , 61, 697-706	70
1161	Endocrine functions of adipose tissue. <b>2007</b> , 2, 31-56	220
1160	Expression of adiponectin and its receptors (AdipoR1 and AdipoR2) in chicken ovary: potential role in ovarian steroidogenesis. <b>2007</b> , 33, 480-7	92
1159	The regulation of adipogenesis through GPR120. <b>2007</b> , 354, 591-7	197
1158	High fat intake induces a population of adipocytes to co-express TLR2 and TNFalpha in mice with insulin resistance. <b>2007</b> , 354, 727-34	31
1157	Selective purification and characterization of adiponectin multimer species from human plasma. <b>2007</b> , 356, 487-93	117

1156	Effect of PPAR-delta agonist on the expression of visfatin, adiponectin, and resistin in rat adipose tissue and 3T3-L1 adipocytes. <b>2007</b> , 357, 62-7	36
1155	Functional expression of the globular domain of human adiponectin in <i>Pichia pastoris</i> . <b>2007</b> , 363, 769-75	8
1154	Resveratrol inhibits TNF-alpha-induced changes of adipokines in 3T3-L1 adipocytes. <b>2007</b> , 364, 972-7	75
1153	Molecular mechanisms of insulin resistance and associated diseases. <b>2007</b> , 375, 20-35	202
1152	Oxidative mechanisms at rest and during exercise. <b>2007</b> , 383, 1-20	11
1151	Adiponectin stimulates AMP-activated protein kinase in the hypothalamus and increases food intake. <b>2007</b> , 6, 55-68	583
1150	Targeting AMP-activated protein kinase as a novel therapeutic approach for the treatment of metabolic disorders. <b>2007</b> , 33, 395-402	134
1149	Preheparin serum lipoprotein lipase mass might be a biomarker of metabolic syndrome. <b>2007</b> , 76, 93-101	66
1148	Role of adipose tissue in the development of vascular complications in type 2 diabetes mellitus. <b>2007</b> , 78, S14-S22	12
1147	Demonstration of adiponectin receptors 1 and 2 mRNA expression in human breast cancer cells. <b>2007</b> , 250, 229-36	67
1146	Age-associated loss in adiponectin-activation by caloric restriction: lack of compensation by enhanced inducibility of adiponectin paralogs CTRP2 and CTRP7. <b>2007</b> , 277, 26-34	24
1145	Angiotensin II, corticosteroids, type II diabetes and the metabolic syndrome. <b>2007</b> , 68, 1200-7	13
1144	Adipokines regulate systemic insulin sensitivity in accordance to existing energy reserves. <b>2007</b> , 69, 161-5	3
1143	Benefits of salmon eating on traditional and novel vascular risk factors in young, non-obese healthy subjects. <b>2007</b> , 193, 213-21	71
1142	Central administration of melanocortin agonist increased insulin sensitivity in diet-induced obese rats. <b>2007</b> , 581, 1131-6	21
1141	Expression of adiponectin in choroidal tissue and inhibition of laser induced choroidal neovascularization by adiponectin. <b>2007</b> , 581, 1977-82	28
1140	Peripherally administered baclofen reduced food intake and body weight in db/db as well as diet-induced obese mice. <b>2007</b> , 581, 4857-64	26
1139	Game Theory. <b>2007</b> ,	3

1138	High molecular weight form of adiponectin levels of Japanese patients with chronic hepatitis C virus infection. <b>2007</b> , 37, 1052-61	7
1137	Combination of N-acetylcysteine and metformin improves histological steatosis and fibrosis in patients with non-alcoholic steatohepatitis. <b>2008</b> , 38, 159-65	75
1136	Adiponectin deficiency protects mice from chemically induced colonic inflammation. <b>2007</b> , 132, 601-14	110
1135	Mechanisms of Insulin Action. <b>2007</b> ,	3
1134	Leptin. <b>2007</b> ,	3
1133	Androgens, obesity, and sleep-disordered breathing in men. <b>2007</b> , 36, 349-63	29
1132	Genetic influences of adiponectin on insulin resistance, type 2 diabetes, and cardiovascular disease. <b>2007</b> , 56, 1198-209	230
1131	Adipose Tissue and Insulin Resistance. <b>2007</b> , 281-290	1
1130	Biomarkers of obesity and subsequent cardiovascular events. <b>2007</b> , 29, 98-114	66
1129	Omentin plasma levels and gene expression are decreased in obesity. <b>2007</b> , 56, 1655-61	526
1128	Pulmonary arterial hypertension is linked to insulin resistance and reversed by peroxisome proliferator-activated receptor-gamma activation. <b>2007</b> , 115, 1275-84	312
1127	Dietary combination of fucoxanthin and fish oil attenuates the weight gain of white adipose tissue and decreases blood glucose in obese/diabetic KK-Ay mice. <b>2007</b> , 55, 7701-6	243
1126	Liver Immunology. <b>2007</b> ,	4
1125	Treatment of the Obese Patient. <b>2007</b> ,	3
1124	Plasma adiponectin concentrations and placental adiponectin expression in pre-eclamptic women. <b>2007</b> , 23, 238-43	25
1123	Adiponectin and cardiovascular disease: state of the art?. <b>2007</b> , 292, H1655-63	125
1122	Type 2 diabetes and cardiovascular disease: getting to the fat of the matter. <b>2007</b> , 85, 113-32	48
1121	High-fat, high-sucrose, and high-cholesterol diets accelerate tumor growth and metastasis in tumor-bearing mice. <b>2007</b> , 59, 207-16	38

1120	Biomarker Analysis as a Decision-Making Tool in Drug Discovery and Development. <b>2007</b> , 21, 271-277	4
1119	Overexpression of adiponectin targeted to adipose tissue in transgenic mice: impaired adipocyte differentiation. <b>2007</b> , 148, 1539-49	106
1118	Plasma adiponectin levels and endometrial cancer risk in pre- and postmenopausal women. <b>2007</b> , 92, 255-63	169
1117	Loss-of-function mutation in Toll-like receptor 4 prevents diet-induced obesity and insulin resistance. <b>2007</b> , 56, 1986-98	673
1116	Leptin-to-adiponectin ratio as independent predictor of insulin sensitivity during growth in overweight Hispanic youth. <b>2007</b> , 30, RC13-6	15
1115	Effects of flavonoids and phenolic acids on the inhibition of adipogenesis in 3T3-L1 adipocytes. <b>2007</b> , 55, 8404-10	175
1114	Obesity, inflammation, and periodontal disease. <b>2007</b> , 86, 400-9	262
1113	Secretion of the adipocyte-specific secretory protein adiponectin critically depends on thiol-mediated protein retention. <b>2007</b> , 27, 3716-31	245
1112	Chemerin, a novel adipokine that regulates adipogenesis and adipocyte metabolism. <b>2007</b> , 282, 28175-88	550
1111	AMPK and the Metabolic Syndrome. 541-569	
1110	Adiponectin and chronic kidney disease. <b>2007</b> , 17, 9-12	12
1109	Inflammatory mediators in gestational diabetes mellitus. <b>2007</b> , 34, 213-24, viii	73
1108	Pathogenesis of non-alcoholic steatohepatitis: human data. <b>2007</b> , 11, 75-104, ix	126
1107	Sirtuins in mammals: insights into their biological function. <b>2007</b> , 404, 1-13	1314
1106	Endothelin-1 regulates adiponectin gene expression and secretion in 3T3-L1 adipocytes via distinct signaling pathways. <b>2007</b> , 148, 1835-42	33
1105	Effect of experimental hypo- and hyperthyroidism on serum adiponectin. <b>2007</b> , 56, 6-11	29
1104	Circulating leptin and adiponectin levels in patients with primary hyperparathyroidism. <b>2007</b> , 56, 30-6	36
1103	Protective effect against type 2 diabetes mellitus identified within the ACDC gene in a black South African diabetic cohort. <b>2007</b> , 56, 587-92	31

1102	Depot-specific regulation of perilipin by rosiglitazone in a diabetic animal model. <b>2007</b> , 56, 676-85	22
1101	13-cis-Retinoic acid therapy induces insulin resistance, regulates inflammatory parameters, and paradoxically increases serum adiponectin concentration. <b>2007</b> , 56, 786-91	28
1100	Regulation of adiponectin receptor expression in human liver and a hepatocyte cell line. <b>2007</b> , 56, 1478-85	35
1099	Plasma adiponectin distribution in a Mediterranean population and its association with cardiovascular risk factors and metabolic syndrome. <b>2007</b> , 56, 1486-92	32
1098	High molecular weight multimer form of adiponectin as a useful marker to evaluate insulin resistance and metabolic syndrome in Japanese men. <b>2007</b> , 56, 1493-9	93
1097	Adiponectin levels are associated with coronary artery disease across Caucasian and African-American ethnicity. <b>2007</b> , 149, 317-23	19
1096	Adiponectin circulating levels: a new emerging biomarker of cardiovascular risk. <b>2007</b> , 56, 459-67	68
1095	Adiponectin, obesity and atherosclerosis. <b>2007</b> , 67, 449-58	29
1094	Serum adiponectin is a predictor of coronary heart disease: a population-based 10-year follow-up study in elderly men. <b>2007</b> , 92, 571-6	168
1093	Adiponectin and cardiovascular disease: response to therapeutic interventions. <b>2007</b> , 49, 531-8	227
1092	PPAR agonists: multimodal drugs for the treatment of type-2 diabetes. <b>2007</b> , 21, 687-710	132
1091	Obesity, Inflammation, and Vascular Disease. <b>2007</b> , 63-91	64
1090	Adipokines in Osteoarthritis. <b>2007</b> , 85-103	1
1089	Body mass index and fat mass are the primary correlates of insulin resistance in nondiabetic stage 3-4 chronic kidney disease patients. <b>2007</b> , 86, 1642-8	63
1088	Adiponectin and adiponectin receptor gene variants in relation to resting metabolic rate, respiratory quotient, and adiposity-related phenotypes in the Quebec Family Study. <b>2007</b> , 85, 26-34	48
1087	Strength training improves muscle quality and insulin sensitivity in Hispanic older adults with type 2 diabetes. <b>2006</b> , 4, 19-27	192
1086	Short-term overfeeding increases resting energy expenditure in patients with HIV lipodystrophy. <b>2007</b> , 86, 1009-15	10
1085	Role of the endocannabinoid system in management of patients with type 2 diabetes mellitus and cardiovascular risk factors. <b>2007</b> , 13, 790-804	1

1084	Muscle-specific knockout of PKC-lambda impairs glucose transport and induces metabolic and diabetic syndromes. <b>2007</b> , 117, 2289-301	131
1083	Symposium introduction: metabolic syndrome and the onset of cancer. <b>2007</b> , 86, s817-9	42
1082	The Anti-Obesity Effect of the Palatinose-Based Formula Inslow is Likely due to an Increase in the Hepatic PPAR-alpha and Adipocyte PPAR-gamma Gene Expressions. <b>2007</b> , 40, 234-41	25
1081	Metabolic liver disease of obesity and role of adipose tissue in the pathogenesis of nonalcoholic fatty liver disease. <b>2007</b> , 13, 3540-53	177
1080	. <b>2007</b> ,	14
1079	Reduced adiponectin level is associated with severity of coronary artery disease. <b>2007</b> , 48, 149-53	37
1078	Role of Immune Response in Nonalcoholic Fatty Liver Disease. <b>2007</b> , 337-345	
1077	The insulin sensitizer pioglitazone improves the deterioration of ischemic preconditioning in type 2 diabetes mellitus rats. <b>2007</b> , 48, 623-35	20
1076	Effect of dexamethasone on peroxisome proliferator activated receptor-gamma mRNA expression in 3T3-L1 adipocytes with the human recombinant adiponectin. <b>2007</b> , 120, 155-158	3
1075	Relationship of serum adiponectin with blood lipids, HbA(1)c, and hs-CRP in type II diabetic postmenopausal women. <b>2007</b> , 21, 197-200	18
1074	Circulating adiponectin and adiponectin receptor expression in skeletal muscle: effects of exercise. <b>2007</b> , 23, 600-11	43
1073	Impairment of hepatic Stat-3 activation and reduction of PPARalpha activity in fructose-fed rats. <b>2007</b> , 45, 778-88	180
1072	Redox-dependent and ligand-independent trans-activation of insulin receptor by globular adiponectin. <b>2007</b> , 46, 130-9	25
1071	Adiponectin gene therapy of streptozotocin-induced diabetic mice using hydrodynamic injection. <b>2007</b> , 9, 976-85	32
1070	Beneficial impact of crocetin, a carotenoid from saffron, on insulin sensitivity in fructose-fed rats. <b>2007</b> , 18, 64-72	99
1069	Gender-specific effects of HIV protease inhibitors on body mass in mice. <b>2007</b> , 4, 8	2
1068	Adiponectin selectively inhibits oxytocin neurons of the paraventricular nucleus of the hypothalamus. <b>2007</b> , 585, 805-16	50
1067	Targeted disruption of AdipoR1 and AdipoR2 causes abrogation of adiponectin binding and metabolic actions. <i>Nature Medicine</i> , <b>2007</b> , 13, 332-9	50.5 1007

1066	Effect of rosiglitazone on visfatin and retinol-binding protein-4 plasma concentrations in HIV-positive patients. <b>2007</b> , 81, 580-5	24
1065	Increased serum interleukin-18 concentration is associated with hypoadiponectinemia in obesity, independently of insulin resistance. <b>2007</b> , 31, 221-5	25
1064	Intermuscular adipose tissue rivals visceral adipose tissue in independent associations with cardiovascular risk. <b>2007</b> , 31, 1400-5	108
1063	Pattern of expression of adiponectin receptors in human adipose tissue depots and its relation to the metabolic state. <b>2007</b> , 31, 1843-8	33
1062	Adiponectin receptor 1 variants associated with lower insulin resistance in African Americans. <b>2007</b> , 15, 1903-7	5
1061	Deep subcutaneous adipose tissue: a distinct abdominal adipose depot. <b>2007</b> , 15, 1933-43	84
1060	Single nucleotide polymorphisms at the adiponectin locus and risk of coronary heart disease in men and women. <b>2007</b> , 15, 2051-60	36
1059	Role of adiponectin and inflammation in insulin resistance of Mc3r and Mc4r knockout mice. <b>2007</b> , 15, 2664-72	37
1058	Improved insulin sensitivity and adiponectin level after exercise training in obese Korean youth. <b>2007</b> , 15, 3023-30	149
1057	Vitamin E supplementation and plasma 8-isoprostane and adiponectin in overweight subjects. <b>2007</b> , 15, 386-91	44
1056	Effect of marked weight loss on adiponectin gene expression and plasma concentrations. <b>2007</b> , 15, 640-5	45
1055	Fat poetry: a kingdom for PPAR gamma. <b>2007</b> , 17, 486-511	109
1054	Intrahepatic insulin resistance in a murine model of steatohepatitis: effect of PPARgamma agonist pioglitazone. <b>2007</b> , 87, 56-65	79
1053	Associations between 45T/G polymorphism of the adiponectin gene and plasma adiponectin levels with type 2 diabetes. <b>2007</b> , 34, 1287-90	48
1052	Role of adipocytokines in hepatic fibrogenesis. <b>2007</b> , 22 Suppl 1, S87-92	58
1051	Do low levels of circulating adiponectin represent a biomarker or just another risk factor for the metabolic syndrome?. <b>2007</b> , 9, 246-58	45
1050	Adiponectin in health and disease. <b>2007</b> , 9, 282-9	199
1049	Comparison of the effects of pioglitazone and voglibose on circulating total and high-molecular-weight adiponectin, and on two fibrinolysis inhibitors, in patients with Type 2 diabetes. <b>2007</b> , 24, 962-8	19



1048	Lower plasma adiponectin is correlated to higher alanine aminotransferase independent of metabolic factors and hepatitis B virus carrier status. <b>2007</b> , 37, 365-71	12
1047	Serum adiponectin and leptin levels and insulin resistance in children born large for gestational age are affected by the degree of overweight. <b>2007</b> , 66, 353-9	31
1046	Maternal and foetal resistin and adiponectin concentrations in normal and complicated pregnancies. <b>2007</b> , 66, 447-53	154
1045	Impact of the high-molecular-weight form of adiponectin on endothelial function in healthy young men. <b>2007</b> , 67, 276-81	53
1044	Effect of weight loss induced by gastric bypass on proinflammatory interleukin-18, soluble tumour necrosis factor-alpha receptors, C-reactive protein and adiponectin in morbidly obese patients. <b>2007</b> , 67, 679-86	63
1043	Metabolic effects of telmisartan and irbesartan in type 2 diabetic patients with metabolic syndrome treated with rosiglitazone. <b>2007</b> , 32, 261-8	64
1042	Adiponectin inhibits the growth and peritoneal metastasis of gastric cancer through its specific membrane receptors AdipoR1 and AdipoR2. <b>2007</b> , 98, 1120-7	115
1041	Migraine and adiponectin: is there a connection?. <b>2007</b> , 27, 435-46	52
1040	Adiponectin decreases plasma glucose and improves insulin sensitivity in diabetic Swine. <b>2007</b> , 39, 131-6	15
1039	beta-adrenoceptor agonists downregulate adiponectin, but upregulate adiponectin receptor 2 and tumor necrosis factor-alpha expression in adipocytes. <b>2007</b> , 569, 155-62	52
1038	High molecular weight adiponectin as a predictor of long-term clinical outcome in patients with coronary artery disease. <b>2007</b> , 100, 569-74	102
1037	Hypoadiponectinemia as a marker of adipocyte dysfunction -- Part I: the biology of adiponectin. <b>2007</b> , 2, 174-82	16
1036	Method for chronological recording of antigen appearance in human head-hair shafts and its use for monitoring glycation products in diabetes. <b>2007</b> , 320, 1-17	6
1035	Lack of synergistic effects of metabolic syndrome and plasma fibrinogen on coronary events and mortality in moderate CKD. <b>2007</b> , 49, 356-64	7
1034	Endocrine regulation of energy metabolism by the skeleton. <b>2007</b> , 130, 456-69	1794
1033	Angiogenesis modulates adipogenesis and obesity. <b>2007</b> , 117, 2362-8	496
1032	Obesity, insulin resistance, and capillary recruitment. <b>2007</b> , 14, 299-309	25
1031	Adiponectin receptor genes: mutation screening in syndromes of insulin resistance and association studies for type 2 diabetes and metabolic traits in UK populations. <b>2007</b> , 50, 555-62	26

1030	Adiponectin complexes in human cerebrospinal fluid: distinct complex distribution from serum. <b>2007</b> , 50, 634-42	168
1029	Effects of peroxisome proliferator-activated receptor (PPAR)-alpha and PPAR-gamma agonists on glucose and lipid metabolism in patients with type 2 diabetes mellitus. <b>2007</b> , 50, 1723-31	107
1028	The effect of moderate alcohol consumption on adiponectin oligomers and muscle oxidative capacity: a human intervention study. <b>2007</b> , 50, 1388-92	39
1027	L-glutamine supplementation induces insulin resistance in adipose tissue and improves insulin signalling in liver and muscle of rats with diet-induced obesity. <b>2007</b> , 50, 1949-1959	54
1026	Human progeroid syndromes, aging and cancer: new genetic and epigenetic insights into old questions. <b>2007</b> , 64, 155-70	71
1025	Systemic and brain metabolic dysfunction as a new paradigm for approaching Alzheimer's dementia. <b>2007</b> , 32, 555-67	32
1024	Adiponectin and leptin: potential tools in the differential diagnosis of pediatric diabetes?. <b>2006</b> , 7, 187-96	17
1023	[Atypical antipsychotics and metabolic syndrome]. <b>2007</b> , 157, 255-70	4
1022	Measurement of salivary adiponectin levels. <b>2007</b> , 44, 20-2	31
1021	Pathophysiological significance of adiponectin. <b>2007</b> , 40, 55-67	121
1020	Metabolic syndrome: effects of n-3 PUFAs on a model of dyslipidemia, insulin resistance and adiposity. <b>2007</b> , 42, 427-37	95
1019	Obesity and inflammation: a new look at an old problem. <b>2007</b> , 9, 134-8	53
1018	Pioglitazone and nonalcoholic steatohepatitis. <b>2007</b> , 7, 221-2	
1017	Study on the action of resistin-induced human umbilical vein endothelial cell dysfunction. <b>2007</b> , 1, 196-9	1
1016	Influence and related mechanism of Retn gene expression on glucose uptake in 3T3-L1 cells. <b>2007</b> , 1, 269-73	
1015	Relationship among adiponectin, adiponectin gene expression and fatty acids composition in morbidly obese patients. <b>2007</b> , 17, 516-24	40
1014	Adiponectin and the cardiovascular system: from risk to disease. <b>2007</b> , 2, 165-76	12
1013	Fettleber und Lipidstoffwechsel. <b>2007</b> , 3, 184-191	

1012	Up-regulation of rat adipose tissue adiponectin gene expression by long-term but not by short-term food restriction. <b>2008</b> , 312, 185-91	10
1011	Association of apolipoprotein E polymorphisms in patients with non-alcoholic steatohepatitis. <b>2008</b> , 53, 3218-24	55
1010	Structure and physiological functions of the human peroxisome proliferator-activated receptor gamma. <b>2008</b> , 56, 331-45	80
1009	Genetic factors for human obesity. <b>2008</b> , 65, 1086-98	47
1008	Adiponectin induces insulin secretion in vitro and in vivo at a low glucose concentration. <b>2008</b> , 51, 827-35	100
1007	Calorie restriction initiated at a young age activates the Akt/PKC zeta/lambda-Glut4 pathway in rat white adipose tissue in an insulin-independent manner. <b>2008</b> , 30, 293-302	9
1006	The other lipids: Ectopic lipids with emphasis on skeletal muscle. <b>2008</b> , 2, 15-22	
1005	Adiponectin gene ADIPOQ SNP associations with serum adiponectin in two female populations and effects of SNPs on promoter activity. <b>2008</b> , 53, 718-727	62
1004	Inhibition of 11betaHSD1 with the S-phenylethylaminothiazolone BVT116429 increases adiponectin concentrations and improves glucose homeostasis in diabetic KKAY mice. <b>2008</b> , 8, 3	33
1003	The genetic susceptibility to type 2 diabetes may be modulated by obesity status: implications for association studies. <b>2008</b> , 9, 45	97
1002	Phenolic compounds: evidence for inhibitory effects against obesity and their underlying molecular signaling mechanisms. <b>2008</b> , 52, 53-61	133
1001	Globular adiponectin stimulates glucose transport in type 2 diabetic muscle. <b>2008</b> , 24, 554-62	17
1000	Inflamed adipose tissue, insulin resistance and vascular injury. <b>2008</b> , 24, 595-603	89
999	Adiponectin and adiponectin receptor genes are coexpressed during zebrafish embryogenesis and regulated by food deprivation. <b>2008</b> , 237, 1682-90	53
998	The adipokine SAA3 is induced by interleukin-1beta in mouse adipocytes. <b>2008</b> , 104, 2241-7	30
997	Beyond insulin resistance: Innate immunity in nonalcoholic steatohepatitis. <b>2008</b> , 48, 670-8	148
996	Mitochondrial dysfunction contributes to the increased vulnerabilities of adiponectin knockout mice to liver injury. <b>2008</b> , 48, 1087-96	63
995	Role of adipocytokines in obesity-associated insulin resistance. <b>2008</b> , 19, 277-86	94

994	Insulin sensitivity is correlated with subcutaneous but not visceral body fat in overweight and obese prepubertal children. <b>2008</b> , 93, 2122-8	71
993	Dietary phosphatidylinositol prevents the development of nonalcoholic fatty liver disease in Zucker (fa/fa) rats. <b>2008</b> , 56, 2375-9	50
992	Adiponectin: a biomarker of obesity-induced insulin resistance in adipose tissue and beyond. <b>2008</b> , 15, 565-76	74
991	CHANGES IN LEVELS OF PLASMA TOTAL CHOLESTEROL, TRIACYLGLYCEROL AND PHOSPHOLIPID IN MICE FED ERABU SEA SNAKE (LATICAUDA SEMIFASCIATA) LIPIDS DIET. <b>2008</b> , 15, 453-469	
990	Metabolic and behavioral responses to high-fat feeding in mice selectively bred for high wheel-running activity. <b>2008</b> , 32, 1566-75	39
989	Undernutrition during suckling in rats elevates plasma adiponectin and its receptor in skeletal muscle regardless of diet composition: a protective effect?. <b>2008</b> , 32, 1585-94	17
988	Physiological and pathophysiological roles of adiponectin and adiponectin receptors in the integrated regulation of metabolic and cardiovascular diseases. <b>2008</b> , 32 Suppl 7, S13-8	257
987	Cannabinoid type 1 receptor: another arrow in the adipocytes' bow. <b>2008</b> , 20 Suppl 1, 130-8	60
986	Adiponectin and metabolic syndrome in middle-aged and elderly Chinese. <b>2008</b> , 16, 172-8	38
985	No evidence of an effect of alterations in dietary fatty acids on fasting adiponectin over 3 weeks. <b>2008</b> , 16, 592-9	20
984	Adiponectin and resistin response in the onset of obesity in male and female rats. <b>2008</b> , 16, 723-30	52
983	Effect of moderate alcohol consumption on adipokines and insulin sensitivity in lean and overweight men: a diet intervention study. <b>2008</b> , 62, 1098-105	57
982	Promoter adiponectin polymorphisms and waist/hip ratio variation in a prospective French adults study. <b>2008</b> , 32, 669-75	25
981	Circulating adiponectin levels associate with inflammatory markers, insulin resistance and metabolic syndrome independent of obesity. <b>2008</b> , 32, 772-9	124
980	Transcriptional switches in the control of macronutrient metabolism. <b>2008</b> , 66, 321-5	5
979	Do calorie restriction or alternate-day fasting regimens modulate adipose tissue physiology in a way that reduces chronic disease risk?. <b>2008</b> , 66, 333-42	18
978	Cardiovascular and metabolic effects of obesity. <b>2008</b> , 35, 416-9	20
977	Exenatide prevents fat-induced insulin resistance and raises adiponectin expression and plasma levels. <b>2008</b> , 10, 921-30	75

976	Adiponectin and its response to thiazolidinediones are associated with insulin-mediated glucose metabolism in type 2 diabetic patients and their first-degree relatives. <b>2008</b> , 10, 1019-28	5
975	Short-term beta-adrenergic regulation of leptin, adiponectin and interleukin-6 secretion in vivo in lean and obese subjects. <b>2008</b> , 10, 1029-38	16
974	Rosiglitazone and pioglitazone similarly improve insulin sensitivity and secretion, glucose tolerance and adipocytokines in type 2 diabetic patients. <b>2008</b> , 10, 1204-11	61
973	Determinants of adiponectin levels in young people with Type 1 diabetes. <b>2008</b> , 25, 365-9	19
972	Associations between glucose tolerance, insulin sensitivity and insulin secretion phenotypes and polymorphisms in adiponectin and adiponectin receptor genes in the Quebec Family Study. <b>2008</b> , 25, 400-6	20
971	Serum total and high molecular weight adiponectin levels are correlated with the severity of diabetic retinopathy and nephropathy. <b>2008</b> , 68, 442-9	53
970	Effect of obesity and insulin sensitivity on adiponectin isoform distribution. <b>2008</b> , 38, 827-34	60
969	The endocannabinoid system and the control of glucose homeostasis. <b>2008</b> , 20 Suppl 1, 147-51	17
968	Adipose tissue hormones and the regulation of food intake. <b>2008</b> , 20, 842-9	60
967	Rosiglitazone therapy improves insulin resistance parameters in overweight and obese diabetic patients intolerant to metformin. <b>2008</b> , 39, 412-9	15
966	The physiological and pathophysiological role of adiponectin and adiponectin receptors in the peripheral tissues and CNS. <b>2008</b> , 582, 74-80	191
965	Cyclooxygenase-2 induction by adiponectin is regulated by a sphingosine kinase-1 dependent mechanism in cardiac myocytes. <b>2008</b> , 582, 1147-50	46
964	High molecular weight adiponectin activates AMPK and suppresses cytokine-induced NF-kappaB activation in vascular endothelial cells. <b>2008</b> , 582, 1719-24	92
963	5-Hydroxytryptamine 2A receptor signaling cascade modulates adiponectin and plasminogen activator inhibitor 1 expression in adipose tissue. <b>2008</b> , 582, 3037-44	40
962	Negative regulation of adiponectin receptor 1 promoter by insulin via a repressive nuclear inhibitory protein element. <b>2008</b> , 582, 3401-7	19
961	GO6976 prevents TNF-alpha-induced suppression of adiponectin expression in 3T3-L1 adipocytes: putative involvement of protein kinase C. <b>2008</b> , 582, 3473-8	31
960	Regulation of globular adiponectin-induced apoptosis by reactive oxygen/nitrogen species in RAW264 macrophages. <b>2008</b> , 45, 1326-39	24
959	The effects of physiological and pharmacological weight loss on adiponectin and leptin mRNA levels in the rat epididymal adipose tissue. <b>2008</b> , 579, 433-8	8

958	The effects of beta(3)-adrenoceptor agonist CL-316,243 on adiponectin, adiponectin receptors and tumor necrosis factor-alpha expressions in adipose tissues of obese diabetic KKAY mice. <b>2008</b> , 584, 202-6	24
957	Glycine increases mRNA adiponectin and diminishes pro-inflammatory adipokines expression in 3T3-L1 cells. <b>2008</b> , 587, 317-21	53
956	Glycine regulates the production of pro-inflammatory cytokines in lean and monosodium glutamate-obese mice. <b>2008</b> , 599, 152-8	55
955	Age-specific effects of short- and long-term caloric restriction on the expression of adiponectin and adiponectin receptors: influence of intensity of food restriction. <b>2008</b> , 43, 706-713	24
954	Pituitary growth hormone suppression reduces resistin expression and enhances insulin effectiveness: relationship with caloric restriction. <b>2008</b> , 43, 595-600	18
953	Endocrine functions of adipose tissue: focus on adiponectin. <b>2008</b> , 9, 32-8; discussion 39-40	53
952	The endocannabinoid system as a target for obesity treatment. <b>2008</b> , 9, 52-64; discussion 65-6	8
951	The effect of pioglitazone on nitric oxide synthase in patients with type 2 diabetes mellitus. <b>2008</b> , 3, 200-4	6
950	Adiponectin and peroxisome proliferator-activated receptor gamma expression in subcutaneous and omental adipose tissue in children. <b>2008</b> , 97, 630-5	10
949	Adiponectin: an intriguing hormone for paediatricians. <b>2008</b> , 97, 701-5	34
948	Impairment of glucose metabolism in mice induced by dietary oxidized frying oil is different from that induced by conjugated linoleic acid. <b>2008</b> , 24, 744-52	36
947	Hepatic insulin resistance in antipsychotic naive schizophrenic patients: stable isotope studies of glucose metabolism. <b>2008</b> , 93, 572-7	71
946	Hypoxia in adipose tissue: a basis for the dysregulation of tissue function in obesity?. <b>2008</b> , 100, 227-35	330
945	Elevated levels of high-molecular-weight adiponectin in type 1 diabetes. <b>2008</b> , 93, 3186-91	60
944	The ratio of leptin to adiponectin can be used as an index of insulin resistance. <b>2008</b> , 57, 268-73	134
943	Independent and opposite associations of hip and waist circumference with metabolic syndrome components and with inflammatory and atherothrombotic risk factors in overweight and obese women. <b>2008</b> , 57, 1315-22	23
942	The association between adiponectin and diabetes in the Korean population. <b>2008</b> , 57, 853-7	38
941	Adiponectin receptors: expression in Zucker diabetic rats and effects of fenofibrate and metformin. <b>2008</b> , 57, 946-53	27

940	Effects of losartan on serum total and high-molecular weight adiponectin concentrations in hypertensive patients with metabolic syndrome. <b>2008</b> , 57, 1278-85	19
939	Involvement of low adiponectin levels in impaired glucose tolerance. <b>2008</b> , 57, 1350-4	8
938	A cross-sectional evaluation of adiponectin plasma levels in patients with schizophrenia and schizoaffective disorder. <b>2008</b> , 106, 308-14	38
937	Adipokines and insulin resistance. <b>2008</b> , 14, 741-51	566
936	Post-translational modifications of adiponectin: mechanisms and functional implications. <b>2008</b> , 409, 623-33	301
935	Adiponectin and body composition in cystic fibrosis. <b>2008</b> , 7, 244-51	13
934	The Metabolic Syndrome. <b>2008</b> ,	7
933	Wild-Type Food in Health Promotion and Disease Prevention. <b>2008</b> ,	5
932	Inhibition of Irvingia gabonensis seed extract (OB131) on adipogenesis as mediated via down regulation of the PPARgamma and leptin genes and up-regulation of the adiponectin gene. <b>2008</b> , 7, 44	31
931	Dietary fish oil did not prevent sleep deprived rats from a reduction in adipose tissue adiponectin gene expression. <b>2008</b> , 7, 43	5
930	Adipose tissue dysfunction in obesity, diabetes, and vascular diseases. <b>2008</b> , 29, 2959-71	980
929	Handbook of Obesity. <b>2008</b> ,	6
928	Adiponectin: A Multifunctional Adipokine. <b>2007</b> , 87-105	
927	Candesartan improves myocardial damage in obese mice with viral myocarditis and induces cardiac adiponectin. <b>2008</b> , 129, 414-21	7
926	Contribution of adipocytokines to low-grade inflammatory state as expressed by circulating C-reactive protein in Japanese men: comparison of leptin and adiponectin. <b>2008</b> , 130, 159-64	13
925	Impaired adiponectin-AMPK signalling in insulin-sensitive tissues of hypertensive rats. <b>2008</b> , 83, 540-9	42
924	Adipocytokines, obesity, and insulin resistance during combined androgen blockade for prostate cancer. <b>2008</b> , 71, 318-22	99
923	Maprotiline induced weight gain in depressive disorder: changes in circulating ghrelin and adiponectin levels and insulin sensitivity. <b>2008</b> , 32, 135-9	27

922	Telmisartan, an angiotensin II type-1 receptor blocker, improved insulin resistance in a schizophrenic patient treated with olanzapine: a case report. <b>2008</b> , 32, 308-10	2
921	Overgrowth disorders associated with tall stature. <b>2008</b> , 55, 213-54	17
920	Pioglitazone, a peroxisome proliferator-activated receptor-gamma agonist, attenuates myocardial ischemia-reperfusion injury in mice with metabolic disorders. <b>2008</b> , 44, 915-26	37
919	Reciprocal regulation of bone and energy metabolism. <b>2008</b> , 19, 161-6	141
918	Dietary curcumin significantly improves obesity-associated inflammation and diabetes in mouse models of diabetes. <b>2008</b> , 149, 3549-58	345
917	Circulating and cellular adiponectin in polycystic ovary syndrome: relationship to glucose tolerance and insulin action. <b>2008</b> , 89, 1200-1208	48
916	Insulin regulates the expression of adiponectin and adiponectin receptors in porcine adipocytes. <b>2008</b> , 34, 352-9	21
915	Adiponectin and leptin are secreted through distinct trafficking pathways in adipocytes. <b>2008</b> , 1782, 99-108	54
914	Citrus auraptene acts as an agonist for PPARs and enhances adiponectin production and MCP-1 reduction in 3T3-L1 adipocytes. <b>2008</b> , 366, 219-25	77
913	Rosiglitazone stimulates the release and synthesis of insulin by enhancing GLUT-2, glucokinase and BETA2/NeuroD expression. <b>2008</b> , 367, 623-9	33
912	6-Shogaol and 6-gingerol, the pungent of ginger, inhibit TNF-alpha mediated downregulation of adiponectin expression via different mechanisms in 3T3-L1 adipocytes. <b>2008</b> , 373, 429-34	112
911	Inhibition of GIP signaling modulates adiponectin levels under high-fat diet in mice. <b>2008</b> , 376, 21-5	51
910	The influence of the adiponectin gene on adiponectin concentrations and parameters of metabolic syndrome in non-diabetic Korean women. <b>2008</b> , 391, 85-90	41
909	Adiponectin: an update. <b>2008</b> , 34, 12-8	154
908	Changes in adiponectin, its receptors and AMPK activity in tissues of diet-induced diabetic mice. <b>2008</b> , 34, 52-61	56
907	Effects of sulfonylurea drugs on adiponectin production from 3T3-L1 adipocytes: implication of different mechanism from pioglitazone. <b>2008</b> , 81, 13-8	21
906	Fat and beyond: the diverse biology of PPARgamma. <b>2008</b> , 77, 289-312	1484
905	Association of adiponectin and resistin with cardiovascular events in Korean patients with type 2 diabetes: the Korean atherosclerosis study (KAS): a 42-month prospective study. <b>2008</b> , 196, 398-404	72



904	Leptin deficiency suppresses progression of atherosclerosis in apoE-deficient mice. <b>2008</b> , 196, 68-75	63
903	Effect of pravastatin on the development of diabetes and adiponectin production. <b>2008</b> , 196, 114-121	76
902	Conjugated linoleic acid isomers have no effect on atherosclerosis and adverse effects on lipoprotein and liver lipid metabolism in apoE <sup>-/-</sup> mice fed a high-cholesterol diet. <b>2008</b> , 200, 294-302	34
901	Visceral fat, arterial stiffness, and endothelial function in peritoneal dialysis patients. <b>2008</b> , 18, 495-502	42
900	Adipose tissue and the metabolic syndrome: focusing on adiponectin and several novel adipokines. <b>2008</b> , 2, 239-52	15
899	Voluntary exercise improves insulin sensitivity and adipose tissue inflammation in diet-induced obese mice. <b>2008</b> , 295, E586-94	225
898	Adiponectin multimers in maternal plasma. <b>2008</b> , 21, 796-815	36
897	Effects of dietary Korean proso-millet protein on plasma adiponectin, HDL cholesterol, insulin levels, and gene expression in obese type 2 diabetic mice. <b>2008</b> , 72, 2918-25	38
896	Telmisartan as a metabolic sartan for targeting vascular failure. <b>2008</b> , 9, 1397-406	10
895	Topiramate and type 2 diabetes: an old wine in a new bottle. <b>2008</b> , 12, 81-90	13
894	Molecular mechanisms and therapeutic targets in steatosis and steatohepatitis. <b>2008</b> , 60, 311-57	288
893	Adiponectin, change in adiponectin, and progression to diabetes in the Diabetes Prevention Program. <b>2008</b> , 57, 980-6	135
892	Mechanisms of antidiabetogenic and body weight-lowering effects of estrogen in high-fat diet-fed mice. <b>2008</b> , 295, E904-12	144
891	Psoriasis comorbidities. <b>2008</b> , 19, 5-21	183
890	Serum concentrations of cortisol, interleukin 6, leptin and adiponectin predict stress induced insulin resistance in acute inflammatory reactions. <b>2008</b> , 12, R157	35
889	The adiponectin receptors AdipoR1 and AdipoR2 activate ERK1/2 through a Src/Ras-dependent pathway and stimulate cell growth. <b>2008</b> , 47, 11682-92	90
888	Atorvastatin does not affect insulin sensitivity and the adiponectin or leptin levels in hyperlipidemic Type 2 diabetes. <b>2008</b> , 31, 42-7	33
887	Adiponectin concentration and insulin indicators following overfeeding in identical twins. <b>2008</b> , 31, 132-7	5

886	Adiponectin induces NF-kappaB activation that leads to suppression of cytokine-induced NF-kappaB activation in vascular endothelial cells: globular adiponectin vs. high molecular weight adiponectin. <b>2008</b> , 5, 123-7	56
885	Fetal adiponectin and resistin in correlation with birth weight difference in monozygotic twins with discordant growth. <b>2008</b> , 69, 37-44	15
884	Conjugated linoleic acid fails to worsen insulin resistance but induces hepatic steatosis in the presence of leptin in ob/ob mice. <b>2008</b> , 49, 98-106	43
883	Adiponectin decreases C-reactive protein synthesis and secretion from endothelial cells: evidence for an adipose tissue-vascular loop. <b>2008</b> , 28, 1368-74	100
882	Chronic calorie restriction attenuates experimental autoimmune encephalomyelitis. <b>2008</b> , 84, 940-8	158
881	Effects of simultaneous intakes of fish oil and green tea extracts on plasma, glucose, insulin, C-peptide, and adiponectin and on liver lipid concentrations in mice fed low- and high-fat diets. <b>2008</b> , 52, 241-9	12
880	Calcium is involved in formation of high molecular weight adiponectin. <b>2008</b> , 6, 103-11	21
879	A novel PPARalpha agonist ameliorates insulin resistance in dogs fed a high-fat diet. <b>2008</b> , 294, E833-40	25
878	Comparison of serum adiponectin and tumor necrosis factor-alpha levels between patients with and without obstructive sleep apnea syndrome. <b>2008</b> , 76, 324-30	36
877	Hypoxia and the endocrine and signalling role of white adipose tissue. <b>2008</b> , 114, 267-76	105
876	Osteocalcin differentially regulates beta cell and adipocyte gene expression and affects the development of metabolic diseases in wild-type mice. <b>2008</b> , 105, 5266-70	706
875	Salsalate improves glycemia and inflammatory parameters in obese young adults. <b>2008</b> , 31, 289-94	285
874	Association of impaired glucose metabolism in morbid obesity with hypoadiponectinaemia. <b>2008</b> , 116 Suppl 1, S64-9	7
873	Palmitate acutely induces insulin resistance in isolated muscle from obese but not lean humans. <b>2008</b> , 294, R1205-12	26
872	Insulin resistance: a proinflammatory state mediated by lipid-induced signaling dysfunction and involved in atherosclerotic plaque instability. <b>2008</b> , 2008, 767623	36
871	Control of glycogen synthase through ADIPOR1-AMPK pathway in renal distal tubules of normal and diabetic rats. <b>2008</b> , 294, F881-9	60
870	Adiponectin is expressed by skeletal muscle fibers and influences muscle phenotype and function. <b>2008</b> , 295, C203-12	119
869	PPARdelta Agonists for the Treatment of Alzheimer's Disease. <b>2007</b> , 81-106	

868	Novel expression and direct effects of adiponectin in the rat testis. <b>2008</b> , 149, 3390-402	107
867	Effects of telmisartan and ramipril on adiponectin and blood pressure in patients with type 2 diabetes. <b>2008</b> , 21, 1330-6	22
866	Adipose tissue inflammation and liver fat in patients with highly active antiretroviral therapy-associated lipodystrophy. <b>2008</b> , 295, E85-91	48
865	Adiponectin suppresses colorectal carcinogenesis under the high-fat diet condition. <b>2008</b> , 57, 1531-8	130
864	Hyperglycemia prevents the suppressive effect of hyperinsulinemia on plasma adiponectin levels in healthy humans. <b>2008</b> , 295, E613-7	21
863	GESTATIONAL DIABETES MELLITUS. <b>2008</b> , 19, 245-269	4
862	Skeletal muscle metabolic dysfunction in obesity and metabolic syndrome. <b>2008</b> , 35, 31-40	54
861	Adiponectin reduces plasma triglyceride by increasing VLDL triglyceride catabolism. <b>2008</b> , 57, 1824-33	121
860	A possible role of osteocalcin in the regulation of insulin secretion: human in vivo evidence?. <b>2008</b> , 199, 151-3	12
859	Role of mitochondrial dysfunction in insulin resistance. <b>2008</b> , 102, 401-14	634
858	Low adiponectin levels are associated with atherogenic dyslipidemia and lipid-rich plaque in nondiabetic coronary arteries. <b>2008</b> , 31, 989-94	40
857	Adiponectin activates adenosine monophosphate-activated protein kinase and decreases luteinizing hormone secretion in Lbeta2 gonadotropes. <b>2008</b> , 22, 760-71	117
856	Mechanism for improved insulin sensitivity after gastric bypass surgery. <b>2008</b> , 93, 4656-63	85
855	Antioxidative effects of a new lychee fruit-derived polyphenol mixture, oligonol, converted into a low-molecular form in adipocytes. <b>2008</b> , 72, 463-76	62
854	The paraventricular nucleus of the hypothalamus - a potential target for integrative treatment of autonomic dysfunction. <b>2008</b> , 12, 717-27	189
853	Obesity in chronic kidney disease: good or bad?. <b>2008</b> , 26, 23-9	16
852	Plasma adiponectin for prediction of cardiovascular events and mortality in high-risk patients. <b>2008</b> , 93, 3333-40	47
851	High molecular mass multimer complexes and vascular expression contribute to high adiponectin in the fetus. <b>2008</b> , 93, 2885-90	36

850	Serum adiponectin in elderly men does not correlate with fracture risk. <b>2008</b> , 93, 4041-7	36
849	Losartan elevates the serum high-molecular weight-adiponectin isoform and concurrently improves insulin sensitivity in patients with impaired glucose metabolism. <b>2008</b> , 31, 1611-8	29
848	Diabetes mellitus Typ 2 und obstruktives Schlafapnoesyndrom. <b>2008</b> , 3, 241-249	
847	PPARs and the kidney in metabolic syndrome. <b>2008</b> , 294, F1032-47	72
846	Serum adiponectin predicts all-cause mortality and end stage renal disease in patients with type I diabetes and diabetic nephropathy. <b>2008</b> , 74, 649-54	110
845	Clinical management of chronic obstructive pulmonary disease and asthma in an obese patient. <b>2008</b> , 9, 83-93	2
844	Pathogenesis of gestational diabetes mellitus. <b>2008</b> , 71-78	1
843	Plasma adiponectin complexes have distinct biochemical characteristics. <b>2008</b> , 149, 2270-82	167
842	Flaxseed lignan attenuates high-fat diet-induced fat accumulation and induces adiponectin expression in mice. <b>2008</b> , 100, 669-76	96
841	Dietary corosolic acid ameliorates obesity and hepatic steatosis in KK-Ay mice. <b>2008</b> , 31, 651-5	35
840	Aqueous Extract of Kotahla Himbutu ( <i>Salacia reticulata</i> ) Stems Promotes Oxygen Consumption and Suppresses Body Fat Accumulation in Mice. <b>2008</b> , 54, 645-653	16
839	[Proteoglycan as a key molecule in atherosclerosis progression: characteristics of the structure and regulation of the synthesis]. <b>2008</b> , 128, 365-75	0
838	Comparison of biochemical data, blood pressure and physical activity between longevity and non-longevity districts in Japan. <b>2008</b> , 72, 1680-4	12
837	PGC-1alpha Gly482Ser polymorphism is associated with the plasma adiponectin level in type 2 diabetic men. <b>2008</b> , 55, 991-7	20
836	Molecular mechanism of moderate insulin resistance in adiponectin-knockout mice. <b>2008</b> , 55, 515-22	46
835	Adiponectin: no longer the lone soul in the fight against insulin resistance?. <b>2008</b> , 416, e7-9	43
834	Vascular effects of adiponectin: molecular mechanisms and potential therapeutic intervention. <b>2008</b> , 114, 361-74	212
833	Importance of the high-molecular-mass isoform of adiponectin in improved insulin sensitivity with rosiglitazone treatment in HIV disease. <b>2008</b> , 115, 197-202	8

832	[Chemical biology research on nuclear receptors]. <b>2008</b> , 132, 11-7	
831	Antidiabetic and hypolipidemic effects of a novel dual peroxisome proliferator-activated receptor (PPAR) alpha/gamma agonist, E3030, in db/db mice and beagle dogs. <b>2008</b> , 108, 40-8	18
830	Acarbose treatment increases serum total adiponectin levels in patients with type 2 diabetes. <b>2008</b> , 55, 549-56	25
829	The relationships of leptin, adiponectin levels and paraoxonase activity with metabolic and cardiovascular risk factors in females treated with psychiatric drugs. <b>2008</b> , 63, 651-60	12
828	Molecular, biochemical and functional characterizations of C1q/TNF family members: adipose-tissue-selective expression patterns, regulation by PPAR-gamma agonist, cysteine-mediated oligomerizations, combinatorial associations and metabolic functions. <b>2008</b> , 416, 161-77	273
827	Role of fat mass and adipokines in chronic kidney disease. <b>2008</b> , 17, 25-31	43
826	Nonalcoholic fatty liver disease: the potential role of nutritional management. <b>2008</b> , 11, 766-73	23
825	Analysis of 1508 Plasma Samples by Capillary-Flow Data-Independent Acquisition Profiles Proteomics of Weight Loss and Maintenance. <b>2019</b> , 18, 1242-1254	88
824	Adipose-specific Monocyte Chemotactic Protein-1 Deficiency Reduces Pulmonary Metastasis of Lewis Lung Carcinoma in Mice. <b>2019</b> , 39, 1729-1738	6
823	Molecular Mechanisms Underlying Obesity-Induced Hypothalamic Inflammation and Insulin Resistance: Pivotal Role of Resistin/TLR4 Pathways. <b>2019</b> , 10, 140	47
822	All-trans retinoic acid inhibits lipopolysaccharide-induced inflammatory responses in bovine adipocytes via TGF $\beta$ /Smad3 signaling pathway. <b>2019</b> , 15, 48	11
821	Oxygen-A Critical, but Overlooked, Nutrient. <b>2019</b> , 6, 10	13
820	Conjugated Linoleic Acid Effects on Cancer, Obesity, and Atherosclerosis: A Review of Pre-Clinical and Human Trials with Current Perspectives. <b>2019</b> , 11,	98
819	The Gut Microbiome After Bariatric Surgery. <b>2019</b> , 235-242	1
818	Deciphering the Nutraceutical Potential of -A Comprehensive Overview. <b>2019</b> , 11,	29
817	Beta 3 Adrenergic Receptor Activation Rescues Metabolic Dysfunction in Female Estrogen Receptor Alpha-Null Mice. <b>2019</b> , 10, 9	12
816	Adipose Tissue Mediates Associations of Birth Weight with Glucose Metabolism Disorders in Children. <b>2019</b> , 27, 746-755	3
815	Adiponectin is associated with cardio-metabolic traits in Mexican children. <b>2019</b> , 9, 3084	5

814	Paradoxical effects of the epigenetic modifiers 5-aza-deoxycytidine and suberoylanilide hydroxamic acid on adipogenesis. <b>2019</b> , 106, 1-8	11
813	Adiponectin as Link Factor between Adipose Tissue and Cancer. <b>2019</b> , 20,	55
812	Interorgan communication by exosomes, adipose tissue, and adiponectin in metabolic syndrome. <b>2019</b> , 129, 4041-4049	83
811	Examining the Potential of Developing and Implementing Use of Adiponectin-Targeted Therapeutics for Metabolic and Cardiovascular Diseases. <b>2019</b> , 10, 842	25
810	Cardiac SNARE Expression in Health and Disease. <b>2019</b> , 10, 881	4
809	Marrow Fat-Secreted Factors as Biomarkers for Osteoporosis. <b>2019</b> , 17, 429-437	8
808	References. <b>2019</b> , 415-510	
807	. <b>2019</b> ,	7
806	The Relationship between Circulating ANGPTL8/Betatrophin Concentrations and Adult Obesity: A Meta-Analysis. <b>2019</b> , 2019, 5096860	7
805	Identification of Adipsin as a Novel Prognostic Biomarker in Patients With Coronary Artery Disease. <b>2019</b> , 8, e013716	19
804	Dysregulation of the Mitochondrial Proteome Occurs in Mice Lacking Adiponectin Receptor 1. <b>2019</b> , 10, 872	5
803	Inter-organ cross-talk in metabolic syndrome. <b>2019</b> , 1, 1177-1188	53
802	Role of Ceramidases in Sphingolipid Metabolism and Human Diseases. <b>2019</b> , 8,	36
801	Effects of Propolis Extract and Propolis-Derived Compounds on Obesity and Diabetes: Knowledge from Cellular and Animal Models. <b>2019</b> , 24,	17
800	Does Epicardial Adipose Tissue Influence Postoperative Atrial Fibrillation?. <b>2019</b> , 25, 149-157	7
799	The Role of Leptin and Adiponectin in Obesity-Associated Cognitive Decline and Alzheimer's Disease. <b>2018</b> , 12, 1027	71
798	Intensity-Specific and Modified Effects of Physical Activity on Serum Adiponectin in a Middle-Aged Population. <b>2019</b> , 3, 13-26	7
797	Effects of sodium salicylate on glucose kinetics and insulin signaling in postpartum dairy cows. <b>2019</b> , 102, 1617-1629	11

796	Multigenerational effects of dietary macronutrient intake on the metabolic phenotype of male Wistar rats. <b>2019</b> , 58, 125-133	3
795	Short sleep duration and cardiometabolic risk: from pathophysiology to clinical evidence. <b>2019</b> , 16, 213-224	97
794	White Adipose Tissue Metabolic Responses to Hypoxia. <b>2019</b> , 213-223	
793	Lipid metabolism in Alzheimer's disease. <b>2019</b> , 144, 68-74	15
792	The obese adipose tissue microenvironment in cancer development and progression. <b>2019</b> , 15, 139-154	188
791	Role of adiponectin as a modulator of testicular function during aging in mice. <b>2019</b> , 1865, 413-427	16
790	Flavonoids Alleviating Insulin Resistance through Inhibition of Inflammatory Signaling. <b>2019</b> , 67, 5361-5373	20
789	Phytomodulatory proteins promote inhibition of hepatic glucose production and favor glycemic control via the AMPK pathway. <b>2019</b> , 109, 2342-2347	7
788	Asprosin: a novel peptide hormone related to insulin resistance in women with polycystic ovary syndrome. <b>2019</b> , 35, 220-223	42
787	Suppression of TLR4 by miR-448 is involved in Diabetic development via regulating Macrophage polarization. <b>2019</b> , 71, 806-815	10
786	Antipsychotics-induced metabolic alterations: Recounting the mechanistic insights, therapeutic targets and pharmacological alternatives. <b>2019</b> , 844, 231-240	38
785	Central adiponectin induces trabecular bone mass partly through epigenetic downregulation of cannabinoid receptor CB1. <b>2019</b> , 234, 7062-7069	4
784	Taurine is Involved in Energy Metabolism in Muscles, Adipose Tissue, and the Liver. <b>2019</b> , 63, e1800536	48
783	Identification of Phf16 and Pnpla3 as new adipogenic factors regulated by phytochemicals. <b>2019</b> , 120, 3599-3610	2
782	Deletion of translin (Tsn) induces robust adiposity and hepatic steatosis without impairing glucose tolerance. <b>2020</b> , 44, 254-266	3
781	An adiponectin receptor agonist antibody stimulates glucose uptake and fatty-acid oxidation by activating AMP-activated protein kinase. <b>2020</b> , 126, 154863	2
780	Organokines in disease. <b>2020</b> , 94, 261-321	12
779	Marrow Adipocytes: Origin, Structure, and Function. <b>2020</b> , 82, 461-484	17

778	Adiponectin, a unique adipocyte-derived factor beyond hormones. <b>2020</b> , 292, 1-9	34
777	Amelioration of diet-induced metabolic syndrome and fatty liver with sitagliptin via regulation of adipose tissue inflammation and hepatic Adiponectin/AMPK levels in mice. <b>2020</b> , 168, 198-209	16
776	Adipocyte-Derived Hormones. <b>2020</b> , 461-486	
775	A systematic review on the mechanisms of vitamin K effects on the complications of diabetes and pre-diabetes. <b>2020</b> , 46, 21-37	12
774	Effect of mushroom polysaccharides from <i>Pleurotus eryngii</i> on obesity and gut microbiota in mice fed a high-fat diet. <b>2020</b> , 59, 3231-3244	21
773	Immune-neuroendocrine and metabolic disorders in human and experimental <i>T. cruzi</i> infection: New clues for understanding Chagas disease pathology. <b>2020</b> , 1866, 165642	3
772	Myeloid HMG-CoA Reductase Determines Adipose Tissue Inflammation, Insulin Resistance, and Hepatic Steatosis in Diet-Induced Obese Mice. <b>2020</b> , 69, 158-164	10
771	AdipoRon promotes diabetic fracture repair through endochondral ossification-based bone repair by enhancing survival and differentiation of chondrocytes. <b>2020</b> , 387, 111757	4
770	Novel linked butanolide dimer compounds increase adiponectin production during adipogenesis in human mesenchymal stem cells through peroxisome proliferator-activated receptor $\alpha$ modulation. <b>2020</b> , 187, 111969	2
769	Relationship between adipocytokines and angiotensin converting enzyme gene insertion/deletion polymorphism in lean women with and without polycystic ovary syndrome. <b>2020</b> , 36, 496-500	5
768	The Effect of Noninvasive Bariatric Surgery on the Levels of Certain Adipokines and Atherosclerosis Risk Factors in Patients with Metabolic Syndrome. <b>2020</b> , 39, 481-487	2
767	Adipose tissue dysfunction and metabolic disorders: Is it possible to predict who will develop type 2 diabetes mellitus? Role of markers in the progression of diabetes in obese patients (The RESISTIN trial). <b>2020</b> , 127, 154947	22
766	Association study of the single-nucleotide polymorphisms -3971G/A and +276G/T in the adiponectin gene with type 2 diabetes in a North Indian Punjabi population. <b>2020</b> , 84, 235-248	1
765	NPYR-targeted peptide-mediated delivery of a dual PPAR $\alpha$ agonist to adipocytes enhances adipogenesis and prevents diabetes progression. <b>2020</b> , 31, 163-180	10
764	Impact of discontinuation of fish oil after pioglitazone-fish oil combination therapy in diabetic KK mice. <b>2020</b> , 76, 108265	3
763	Quercetin Improving Lipid Metabolism by Regulating Lipid Metabolism Pathway of Ileum Mucosa in Broilers. <b>2020</b> , 2020, 8686248	4
762	Obesity, estrogens and adipose tissue dysfunction - implications for pulmonary arterial hypertension. <b>2020</b> , 10, 2045894020952019	5
761	Soluble EGFR, a hepatokine, and adipsin, an adipokine, are biomarkers correlated with distinct aspects of insulin resistance in type 2 diabetes subjects. <b>2020</b> , 12, 83	3



760	The Clinical Utility of Salivary Biomarkers in the Identification of Type 2 Diabetes Risk and Metabolic Syndrome. <b>2020</b> , 13, 3587-3599	2
759	Defining the impact of dietary macronutrient balance on PCOS traits. <b>2020</b> , 11, 5262	16
758	Biochemistry of Cardiovascular Dysfunction in Obesity. <b>2020</b> ,	1
757	Production of pharmaceutical active recombinant globular adiponectin as a secretory protein in <i>Withania Somnifera</i> hairy root culture. <b>2020</b> , 323, 302-312	2
756	The effect of evening primrose oil () on the level of adiponectin and some biochemical parameters in rats with fructose induced metabolic syndrome. <b>2020</b> , 1-9	4
755	The Adipokines in Cancer Cachexia. <b>2020</b> , 21,	7
754	Subclinical cardiovascular risk signs in adults with juvenile idiopathic arthritis in sustained remission. <b>2020</b> , 18, 59	6
753	Lack of adiponectin in mice accelerates high-fat diet-induced progression of chronic kidney disease. <b>2020</b> , 257, 118061	3
752	Antidiabetic Potency, Antioxidant Effects, and Mode of Actions of Fruit Peel Hydroethanolic Extract, Hesperidin, and Quercetin in Nicotinamide/Streptozotocin-Induced Wistar Diabetic Rats. <b>2020</b> , 2020, 1730492	19
751	AdipoR1/AdipoR2 dual agonist recovers nonalcoholic steatohepatitis and related fibrosis via endoplasmic reticulum-mitochondria axis. <b>2020</b> , 11, 5807	21
750	Adipokines: New Potential Therapeutic Target for Obesity and Metabolic, Rheumatic, and Cardiovascular Diseases. <b>2020</b> , 11, 578966	45
749	Peroxisome Proliferator-Activated Receptors as Molecular Links between Caloric Restriction and Circadian Rhythm. <b>2020</b> , 12,	6
748	The association between non-alcoholic fatty liver disease (with or without metabolic syndrome) and extrahepatic cancer development. <b>2021</b> , 36, 1971-1978	2
747	GPCRs get fatty: the role of G protein-coupled receptor signaling in the development and progression of nonalcoholic fatty liver disease. <b>2021</b> , 320, G304-G318	2
746	Scopolin Prevents Adipocyte Differentiation in 3T3-L1 Preadipocytes and Weight Gain in an Ovariectomy-Induced Obese Mouse Model. <b>2020</b> , 21,	2
745	Regulatory microRNAs in Brown, Brite and White Adipose Tissue. <b>2020</b> , 9,	18
744	Sirt3 regulates adipogenesis and adipokine secretion via its enzymatic activity. <b>2020</b> , 8, e00670	1
743	Adiponectin Protects Obese Rats from Aggravated Acute Lung Injury via Suppression of Endoplasmic Reticulum Stress. <b>2020</b> , 13, 4179-4190	4

742	Therapeutically relevant natural products as AMPK activators in the treatment of diabetes. <b>2020</b> , 57-90	1
741	The therapeutic potential of FGF21 in metabolic diseases: from bench to clinic. <b>2020</b> , 16, 654-667	87
740	Association Between Metabolic and Hormonal Derangements and Professional Exposure to Urban Pollution in a High Intensity Traffic Area. <b>2020</b> , 11, 509	2
739	Peroxisome Proliferator-Activated Receptors and Caloric Restriction-Common Pathways Affecting Metabolism, Health, and Longevity. <b>2020</b> , 9,	18
738	Novel therapeutic intervention of coenzyme Q10 and its combination with pioglitazone on the mRNA expression level of adipocytokines in diabetic rats. <b>2020</b> , 258, 118155	2
737	Protective role of osteocalcin in diabetes pathogenesis. <b>2020</b> , 38, 765-771	4
736	Analysis of exome-sequenced UK Biobank subjects implicates genes affecting risk of hyperlipidaemia. <b>2020</b> , 131, 277-283	1
735	Japanese mushroom consumption alters the lipid metabolomic profile of high-fat diet-fed mice. <b>2020</b> , 6, e04438	1
734	Rice bran phenolic extract supplementation ameliorates impaired lipid metabolism in high-fat-diet fed mice through AMPK activation in liver. <b>2020</b> , 73, 104131	5
733	High fructose intake and the route towards cardiometabolic diseases. <b>2020</b> , 259, 118235	13
732	Effects of High-Fat Diet at Two Energetic Levels on Fecal Microbiota, Colonic Barrier, and Metabolic Parameters in Dogs. <b>2020</b> , 7, 566282	7
731	Cytotoxicity and insulin resistance reversal ability of biofunctional phytosynthesized MgO nanoparticles. <b>2020</b> , 10, 489	7
730	Understanding Serotonin 5-HT <sub>2A</sub> Receptors-regulated cellular and molecular Mechanisms of Chronic Kidney Diseases. <b>2020</b> , 6,	3
729	The effects of curcumin and on certain hormones and insulin resistance in rats with metabolic syndrome. <b>2020</b> , 19, 907-914	3
728	Age-Dependent Changes of Adipokine and Cytokine Secretion From Rat Adipose Tissue by Endogenous and Exogenous Toll-Like Receptor Agonists. <b>2020</b> , 11, 1800	4
727	AdipoRon Protects against Tubular Injury in Diabetic Nephropathy by Inhibiting Endoplasmic Reticulum Stress. <b>2020</b> , 2020, 6104375	3
726	miRNAs in Adipocyte-Derived Extracellular Vesicles: Multiple Roles in Development of Obesity-Associated Disease. <b>2020</b> , 7, 171	8
725	Adiponectin: The Potential Regulator and Therapeutic Target of Obesity and Alzheimer's Disease. <b>2020</b> , 21,	10

724	Male Osteoporosis. <b>2020</b> ,	1
723	Single nucleotide polymorphisms of ADIPOQ gene associated with cardiovascular disease risk factors in European adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence study. <b>2020</b> , 38, 1971-1979	2
722	Expression of clock gene in omental and mesenteric adipose tissue in patients with type 2 diabetes. <b>2020</b> , 8,	4
721	The evolving systemic biomarker milieu in obese ZSF1 rat model of human cardiometabolic syndrome: Characterization of the model and cardioprotective effect of GDF15. <b>2020</b> , 15, e0231234	4
720	Age-dependent loss of adipose Rubicon promotes metabolic disorders via excess autophagy. <b>2020</b> , 11, 4150	24
719	Bone Regulation of Insulin Secretion and Glucose Homeostasis. <b>2020</b> , 161,	2
718	The Influence of Physical Activity on the Bioactive Lipids Metabolism in Obesity-Induced Muscle Insulin Resistance. <b>2020</b> , 10,	4
717	The Effects of Brown Algae-Derived Monosaccharide L-Fucose on Lipid Metabolism in C57BL/6J Obese Mice. <b>2020</b> , 12,	3
716	Serum Adiponectin Levels Are Positively Associated With Diabetic Peripheral Neuropathy in Chinese Patients With Type 2 Diabetes. <b>2020</b> , 11, 567959	2
715	Defining Wellness. <b>2020</b> , 1-12	
714	Mechanisms by which adiponectin reverses high fat diet-induced insulin resistance in mice. <b>2020</b> , 117, 32584-32593	20
713	Wellness Interventions in the Workplace. <b>2020</b> , 248-257	
712	Engaging the Five Senses. <b>2020</b> , 448-462	
711	Family Relations, Friendships, and Love. <b>2020</b> , 553-564	
710	Index. <b>2020</b> , 623-636	
709	Screening and Assessment Methods for Wellness. <b>2020</b> , 13-22	
708	The Biopsychosocial Assessment. <b>2020</b> , 23-36	
707	Wellness Measurement. <b>2020</b> , 37-44	

706 The Wellness Treatment Plan. **2020**, 45-56

705 The Concept of Wellness in Psychiatric and Substance-Use Disorders. **2020**, 57-65

704 Neurological and Neurosurgical Disorders and Wellness. **2020**, 66-78

703 Cardiovascular and Pulmonary Wellness. **2020**, 79-86

702 Gastrointestinal System and Wellness. **2020**, 87-97

701 Wellness and the Genito-Urinary System. **2020**, 98-115

700 Reproductive System. **2020**, 116-134

699 Allergic, Infectious, and Immunological Processes. **2020**, 135-159

698 Wellness in Endocrine and Metabolic Disorders. **2020**, 160-176

697 Wellness in Older Individuals. **2020**, 188-198

696 Wellness in Children and Adolescents. **2020**, 199-208

695 Wellness in Cancer and Neoplastic Diseases. **2020**, 225-236

694 Wellness in Terminal Illness. **2020**, 237-247

693 Wellness Interventions for Physicians and Healthcare Professionals. **2020**, 258-270

692 Nutrition. **2020**, 271-291

691 Exercise, Dance, Tai Chi, Pilates, and Alexander Technique. **2020**, 315-323

690 Sleep, Rest, and Relaxation in Improving Wellness. **2020**, 324-331

689 Sex, Intimacy, and Well-Being. **2020**, 332-344

688 Mindfulness, Meditation, and Yoga. **2020**, 345-356

687 Positive Neuropsychology, Cognitive Rehabilitation, and Neuroenhancement. **2020**, 365-377

686 Acupuncture, Herbs, and Ayurvedic Medicine. **2020**, 378-393

685 Massage, Humor, and Music. **2020**, 403-412

684 Nature and Pets. **2020**, 413-422

1

683 Resilience and Wellness. **2020**, 484-493

682 Developing Purpose, Meaning, and Achievements. **2020**, 494-503

681 Healing and Wellness. **2020**, 504-514

680 Connection, Compassion, and Community. **2020**, 515-524

679 Work, Love, Play, and Joie de Vivre. **2020**, 535-544

678 Well-Being and WorkLife Balance. **2020**, 545-552

677 The Role of Leisure, Recreation, and Play in Health and Well-Being. **2020**, 565-572

676 Wellness Apps and Devices. **2020**, 605-622

0

675 Wellness Interventions in Patients Living with Chronic Medical Conditions. **2020**, 177-187

674 Pharmaceuticals and Alternatives for Wellness. **2020**, 302-314

673 Emotional Intelligence and Its Role in Sustaining Fulfillment in Life. **2020**, 463-473

672 Wellness and Whole-Person Care. **2020**, 573-581

671 The effect of adiponectin in the pathogenesis of non-alcoholic fatty liver disease (NAFLD) and the potential role of polyphenols in the modulation of adiponectin signaling. **2020**, 131, 110785

28

670	Wellness in Pain Disorders. <b>2020</b> , 209-224	
669	Forgiveness, Gratitude, and Spirituality. <b>2020</b> , 357-364	
668	The Role of Aesthetics in Wellness. <b>2020</b> , 394-402	0
667	Circadian Rhythm in the Digital Age. <b>2020</b> , 423-434	
666	The Arts in Health Settings. <b>2020</b> , 435-447	
665	Wellness Interventions for Chronicity and Disability. <b>2020</b> , 525-534	
664	The Personalized Wellness Life Plan. <b>2020</b> , 582-597	
663	Wellness Measures. <b>2020</b> , 597-604	
662	Obesity, Bioactive Lipids, and Adipose Tissue Inflammation in Insulin Resistance. <b>2020</b> , 12,	66
661	Genetic inactivation of the translin/trax microRNA-degrading enzyme phenocopies the robust adiposity induced by Translin (Tsn) deletion. <b>2020</b> , 40, 101013	3
660	The PDK1-FoxO1 signaling in adipocytes controls systemic insulin sensitivity through the 5-lipoxygenase-leukotriene B axis. <b>2020</b> , 117, 11674-11684	4
659	Short-Term Physiological Effects of a Very Low-Calorie Ketogenic Diet: Effects on Adiponectin Levels and Inflammatory States. <b>2020</b> , 21,	18
658	Therapeutic approaches to diabetic cardiomyopathy: Targeting the antioxidant pathway. <b>2020</b> , 150, 106454	4
657	Chronic Inflammation in the Context of Everyday Life: Dietary Changes as Mitigating Factors. <b>2020</b> , 17,	39
656	Development of novel human in vitro vascularized adipose tissue model with functional macrophages. <b>2020</b> , 72, 665-683	2
655	Impaired hormonal regulation of appetite in schizophrenia: A narrative review dissecting intrinsic mechanisms and the effects of antipsychotics. <b>2020</b> , 119, 104744	10
654	The effect of voglibose on metabolic profiles in patients with type 2 diabetes mellitus: A systematic review and meta-analysis of clinical trials. <b>2020</b> , 159, 104988	2
653	Semantic text mining in early drug discovery for type 2 diabetes. <b>2020</b> , 15, e0233956	8

652	The role of C-reactive protein, adiponectin and leptin in the association between abdominal adiposity and insulin resistance in middle-aged individuals. <b>2020</b> , 30, 1306-1314	4
651	Adipocytokines and their relationship to endometrial cancer risk: A systematic review and meta-analysis. <b>2020</b> , 158, 507-516	9
650	A Potential Linking between Vitamin D and Adipose Metabolic Disorders. <b>2020</b> , 2020, 2656321	4
649	Adipose Tissue Distribution, Inflammation and Its Metabolic Consequences, Including Diabetes and Cardiovascular Disease. <b>2020</b> , 7, 22	228
648	The rs822396 Polymorphism of the Gene Is Associated with Anthropometric, Clinical, and Biochemical Alterations Related to the Metabolic Syndrome in the Mexican Population. <b>2020</b> , 18, 243-250	2
647	Disorders of the glucose metabolism correlate with the phenotype and the severity in women with polycystic ovary syndrome. <b>2020</b> , 93, 44-51	1
646	Increased circulating adiponectin is an independent disease activity marker in patients with rheumatoid arthritis: A cross-sectional study using the KURAMA database. <b>2020</b> , 15, e0229998	14
645	Interfering Role of ER $\alpha$ Adiponectin Action in Breast Cancer. <b>2020</b> , 11, 66	15
644	Mechanistic insights of adipocyte metabolism in regulating breast cancer progression. <b>2020</b> , 155, 104741	12
643	GRP94 regulates M1 macrophage polarization and insulin resistance. <b>2020</b> , 318, E1004-E1013	5
642	The interaction between mitochondrial haplogroups (M7a/D) and physical activity on adiponectin in a Japanese population. <b>2020</b> , 53, 234-242	2
641	Molecular Mechanisms of Adiponectin-Induced Attenuation of Mechanical Stretch-Mediated Vascular Remodeling. <b>2020</b> , 2020, 6425782	6
640	Hydrogen Sulfide, Adipose Tissue and Diabetes Mellitus. <b>2020</b> , 13, 1873-1886	4
639	Effects of MK-7 Supplementation on Glycemic Status, Anthropometric Indices and Lipid Profile in Patients with Type 2 Diabetes: A Randomized Controlled Trial. <b>2020</b> , 13, 2239-2249	8
638	Should I Lay or Should I Grow: Photoperiodic Versus Metabolic Cues in Chickens. <b>2020</b> , 11, 707	12
637	Male hypogonadism: a review. <b>2020</b> , 68, 335-356	4
636	Pirfenidone Is an Agonistic Ligand for PPAR $\alpha$ and Improves NASH by Activation of SIRT1/LKB1/pAMPK. <b>2020</b> , 4, 434-449	15
635	Multifaceted Physiological Roles of Adiponectin in Inflammation and Diseases. <b>2020</b> , 21,	86

634	Novel insights into adiponectin action in breast cancer: Evidence of its mechanistic effects mediated by ER $\alpha$ expression. <b>2020</b> , 21, e13004	7
633	Adipose Tissue-Derived Stem Cell Sheet Improves Glucose Metabolism in Obese Mice. <b>2020</b> , 29, 488-497	5
632	Hypothalamic POMC deficiency increases circulating adiponectin despite obesity. <b>2020</b> , 35, 100957	7
631	Antihyperglycemic Effects and Mode of Actions of Leaf and Fruit Peel Hydroethanolic Extracts in Nicotinamide/Streptozotocin-Induced Diabetic Rats. <b>2020</b> , 2020, 9276343	12
630	Fibroblast growth factor (FGF)-21 based therapies: A magic bullet for nonalcoholic fatty liver disease (NAFLD)? <b>2020</b> , 29, 197-204	15
629	Lansoprazole enhances the antidiabetic effect of dapagliflozin in fortified diet-fed streptozotocin-treated diabetic rats. <b>2020</b> , 34, e22451	1
628	Modulation of depression-related behaviors by adiponectin AdipoR1 receptors in 5-HT neurons. <b>2021</b> , 26, 4205-4220	13
627	Recombinant adiponectin peptide promotes neuronal survival after intracerebral haemorrhage by suppressing mitochondrial and ATF4-CHOP apoptosis pathways in diabetic mice via Smad3 signalling inhibition. <b>2020</b> , 53, e12759	12
626	Tectorigenin attenuates diabetic nephropathy by improving vascular endothelium dysfunction through activating AdipoR1/2 pathway. <b>2020</b> , 153, 104678	18
625	PPM1A Controls Diabetic Gene Programming through Directly Dephosphorylating PPAR $\alpha$ Ser273. <b>2020</b> , 9,	7
624	Effect of pioglitazone on skeletal muscle lipid deposition in the insulin resistance rat model induced by high fructose diet under AMPK signaling pathway. <b>2020</b> , 27, 1317-1323	2
623	Weight Loss and Concomitant Adipose Autophagy in Methionine-Restricted Obese Mice is Not Dependent on Adiponectin or FGF21. <b>2020</b> , 28, 1075-1085	8
622	Theoretical study of the adiponectin receptors: binding site characterization and molecular dynamics of possible ligands for drug design. <b>2020</b> , 2, 1	4
621	Regulation of adiponectin on lipid metabolism in large yellow croaker ( <i>Larimichthys crocea</i> ). <b>2020</b> , 1865, 158711	8
620	Effect of the deuterium on efficiency and type of adipogenic differentiation of human adipose-derived stem cells in vitro. <b>2020</b> , 10, 5217	4
619	Adiponectin and Its Mimics on Skeletal Muscle: Insulin Sensitizers, Fat Burners, Exercise Mimickers, Muscling Pills [r Everything Together?. <b>2020</b> , 21,	16
618	Circulating levels of Meteorin-like protein in polycystic ovary syndrome: A case-control study. <b>2020</b> , 15, e0231943	4
617	Thermoneutral conditions correct the obese phenotype in female, but not male, Kiss1r knockout mice. <b>2020</b> , 90, 102592	4



616	Proteoglycans in Obesity-Associated Metabolic Dysfunction and Meta-Inflammation. <b>2020</b> , 11, 769	27
615	Neurocognitive Inhibitory Control Ability Performance and Correlations with Biochemical Markers in Obese Women. <b>2020</b> , 17,	5
614	Adiponectin exacerbates influenza infection in elderly individuals via IL-18. <b>2020</b> , 5, 32	2
613	Salivary Leptin and Chemerin; a novel way of gestational diabetes screening. <b>2020</b> , 36, 1116-1118	3
612	Differential Responses of White Adipose Tissue and Brown Adipose Tissue to Calorie Restriction During Aging. <b>2021</b> , 76, 393-399	7
611	Through fat and thin - a journey with the adipose tissues. <b>2021</b> , 80, 92-104	2
610	Role of ceramides in the pathogenesis of diabetes mellitus and its complications. <b>2021</b> , 35, 107734	18
609	Sexual dimorphism in cardiometabolic health: the role of adipose tissue, muscle and liver. <b>2021</b> , 17, 47-66	43
608	Obesity-induced cognitive impairment in older adults: a microvascular perspective. <b>2021</b> , 320, H740-H761	15
607	Metabolic Syndrome Pathophysiology and Predisposing Factors. <b>2021</b> , 42, 199-214	23
606	Clinical features, risk of mass enlargement, and development of endocrine hyperfunction in patients with adrenal incidentalomas: a long-term follow-up study. <b>2021</b> , 71, 178-188	2
605	Bisphenol A and Type 2 Diabetes Mellitus: A Review of Epidemiologic, Functional, and Early Life Factors. <b>2021</b> , 18,	9
604	Elucidating exercise-induced skeletal muscle signaling pathways and applying relevant findings to preemptive therapy for lifestyle-related diseases. <b>2021</b> ,	
603	Blood glucose regulation in context of infection. <b>2021</b> , 117, 253-318	1
602	Tall stature in children and adolescents. <b>2020</b> , 72, 472-483	0
601	Adiponectin and Adiponectin Signaling. <b>2021</b> , 261-287	
600	Hormones in human milk: a summary of the quantity, determinants, and health outcomes of milk hormones. <b>2021</b> , 235-274	1
599	Contributions of white and brown adipose tissues to the circadian regulation of energy metabolism. <b>2021</b> , 162,	5

598	Adiponectin. <b>2021</b> , 577-579	
597	AdipoR agonist increases insulin sensitivity and exercise endurance in AdipoR-humanized mice. <b>2021</b> , 4, 45	3
596	Endotoxemia by Alters Endocrine Functions in Brown Adipose Tissue. <b>2020</b> , 10, 580577	4
595	Exploring the New Horizon of AdipoQ in Obesity-Related Alzheimer's Dementia. <b>2020</b> , 11, 567678	3
594	Direct and Indirect Effect of Honey as a Functional Food Against Metabolic Syndrome and Its Skeletal Complications. <b>2021</b> , 14, 241-256	5
593	Adipose Insulin Resistance and Decreased Adiponectin Are Correlated With Metabolic Abnormalities in Nonobese Men. <b>2021</b> , 106, e2228-e2238	1
592	Research Article Short Alkyl Chain-Length Resorcinol Olivetol Protects Against Obesity with Mitochondrial Activation by Pgc-1 $\beta$ Deacetylation.	
591	Anti-obesity effects of DHA and EPA in high fat-induced insulin resistant mice. <b>2021</b> , 12, 1614-1625	6
590	Adiponectin enhances the bioenergetics of cardiac myocytes via an AMPK- and succinate dehydrogenase-dependent mechanism. <b>2021</b> , 78, 109866	3
589	Another Weapon against Cancer and Metastasis: Physical-Activity-Dependent Effects on Adiposity and Adipokines. <b>2021</b> , 22,	6
588	Removal of Epididymal Visceral Adipose Tissue Prevents Obesity-Induced Multi-organ Insulin Resistance in Male Mice. <b>2021</b> , 5, bvab024	5
587	The Mechanism of Honey in Reversing Metabolic Syndrome. <b>2021</b> , 26,	3
586	AdipoRon Treatment Induces a Dose-Dependent Response in Adult Hippocampal Neurogenesis. <b>2021</b> , 22,	4
585	The impact of reactive oxygen species in the development of cardiometabolic disorders: a review. <b>2021</b> , 20, 23	20
584	Relation of Adiponectin to Cardiovascular Events and Mortality in Patients With Acute Coronary Syndrome. <b>2021</b> , 140, 7-12	1
583	Differences Between Patients with and without Atherosclerosis in Expression Levels of Inflammatory Mediators in the Adipose Tissue Around the Coronary Artery. <b>2021</b> , 62, 390-395	4
582	Association between Single Nucleotide Polymorphism rs9891119 of STAT3 Gene and the Genetic Susceptibility to Type 2 Diabetes in Chinese Han Population from Guangdong. <b>2021</b> , 2021, 6657324	
581	Sirtuins-Mediated System-Level Regulation of Mammalian Tissues at the Interface between Metabolism and Cell Cycle: A Systematic Review. <b>2021</b> , 10,	3

580	Protective effects of intracerebroventricular adiponectin against olfactory impairments in an amyloid $\beta$ rat model. <b>2021</b> , 22, 14	1
579	Adipocyte PHLPP2 inhibition prevents obesity-induced fatty liver. <b>2021</b> , 12, 1822	3
578	Adiponectin-expressing Treg facilitate T lymphocyte development in thymic nurse cell complexes. <b>2021</b> , 4, 344	1
577	Adipose tissue inflammation and metabolic dysfunction in obesity. <b>2021</b> , 320, C375-C391	74
576	The complex role of adipokines in obesity, inflammation, and autoimmunity. <b>2021</b> , 135, 731-752	17
575	Sclerostin and Osteocalcin: Candidate Bone-Produced Hormones. <b>2021</b> , 12, 584147	3
574	TFEB-GDF15 axis protects against obesity and insulin resistance as a lysosomal stress response. <b>2021</b> , 3, 410-427	14
573	Physiological and metabolic characteristics of novel double-mutant female mice with targeted disruption of both growth hormone-releasing hormone and growth hormone receptor. <b>2021</b> , 20, e13339	2
572	Adipokine signatures of subcutaneous and visceral abdominal fat in normal-weight and obese women with different metabolic profiles. <b>2021</b> , 17, 323-336	4
571	Metabolic Syndrome and Breast Cancer: Prevalence, Treatment Response, and Prognosis. <b>2021</b> , 11, 629666	7
570	Inhibition of the IL-17A axis in adipocytes suppresses diet-induced obesity and metabolic disorders in mice. <b>2021</b> , 3, 496-512	8
569	Assessment the effects of insulin on adiponectin, nitric oxide, myeloperoxidase and lipid profile in type 1 diabetic patients. <b>2021</b> , 68, 313-319	3
568	GHS-R suppression in adipose tissues protects against obesity and insulin resistance by regulating adipose angiogenesis and fibrosis. <b>2021</b> , 45, 1565-1575	4
567	Emerging Protein Biomarkers for the Diagnosis or Prediction of Gestational Diabetes-A Scoping Review. <b>2021</b> , 10,	7
566	High NOV/CCN3 expression during high-fat diet pregnancy in mice affects GLUT3 expression and the mTOR pathway. <b>2021</b> , 320, E786-E796	1
565	Adiponectin and the Control of Metabolic Dysfunction: Is Exercise the Magic Bullet?. <b>2021</b> , 12, 651732	2
564	Olive leaf extract supplementation improves the vascular and metabolic alterations associated with aging in Wistar rats. <b>2021</b> , 11, 8188	2
563	Bisphenols and the Development of Type 2 Diabetes: The Role of the Skeletal Muscle and Adipose Tissue. <b>2021</b> , 8, 35	1

562	Adiponectin roles in lipid and glucose metabolism modulation in fish: Mechanisms and perspectives. <b>2021</b> , 13, 2305-2321	2
561	The genome of the European estuarine calanoid copepod <i>Eurytemora affinis</i> : Potential use in molecular ecotoxicology. <b>2021</b> , 166, 112190	8
560	Different Effects of Leucine Supplementation and/or Exercise on Systemic Insulin Sensitivity in Mice. <b>2021</b> , 12, 651303	1
559	Endocrine role of bone in the regulation of energy metabolism. <b>2021</b> , 9, 25	5
558	Preliminary evaluation on the beneficial effects of pioglitazone in the treatment of endometrial cancer. <b>2021</b> , 38, 71	1
557	Attenuation of FGF21 signalling might aggravate the impairment of glucose homeostasis during the high sucrose diet induced transition from prediabetes to diabetes in WNIN/GR-Ob rats. <b>2021</b> , 137, 111252	2
556	Nonalcoholic fatty liver disease is a risk factor for glucose intolerance onset in men regardless of alanine aminotransferase status. <b>2021</b> , 12, 1890-1898	0
555	Chemical Synthesis and Biological Evaluations of Adiponectin Collagenous Domain Glycoforms. <b>2021</b> , 143, 7808-7818	2
554	The autophagy protein Becn1 improves insulin sensitivity by promoting adiponectin secretion via exocyst binding. <b>2021</b> , 35, 109184	3
553	FKBPL and SIRT-1 Are Downregulated by Diabetes in Pregnancy Impacting on Angiogenesis and Endothelial Function. <b>2021</b> , 12, 650328	7
552	Zinc and the Innovative Zinc- $\alpha$ -Glycoprotein Adipokine Play an Important Role in Lipid Metabolism: A Critical Review. <b>2021</b> , 13,	3
551	PHARMACOLOGICAL EFFECT OF METFORMIN AND PIOGLITAZONE ON VISFATIN DERIVED FROM ADIPOCYTES IN PATHOGENESIS OF TYPE 2 DIABETES. <b>2021</b> , 162-165	
550	Contribution of PGC-1 $\beta$ to Obesity- and Caloric Restriction-Related Physiological Changes in White Adipose Tissue. <b>2021</b> , 22,	3
549	Adiponectin and cardiometabolic trait and mortality: where do we go?. <b>2021</b> ,	1
548	Adipokines, Weight Gain and Metabolic and Inflammatory Markers after Antiretroviral Therapy Initiation: ACTG A5260s. <b>2021</b> ,	1
547	The Multiple Causes of Obesity.	
546	The influence of adiponectin on carbohydrates, lipids, and lipoproteins metabolism: analysis of signaling mechanisms. <b>2021</b> , 18, 103-111	3
545	Dysbiosis of intestinal microbiota in early life aggravates high-fat diet induced dysmetabolism in adult mice. <b>2021</b> , 21, 209	2

544	Endothelin receptor antagonism improves glucose handling, dyslipidemia, and adipose tissue inflammation in obese mice. <b>2021</b> , 135, 1773-1789	4
543	Mesenchymal stem cell therapy ameliorates metabolic dysfunction and restores fertility in a PCOS mouse model through interleukin-10. <b>2021</b> , 12, 388	2
542	Effect of palmitoleic acid on the differentiation of bovine skeletal muscle satellite cells. <b>2021</b> , 63, 919-933	0
541	Impact of Body Mass Index on Survival of Metastatic Renal Cancer. <b>2021</b> , 8, 49-54	1
540	Phytochemicals from Nigerian medicinal plants modulate therapeutically-relevant diabetes targets: insight from computational direction. 1	1
539	Low Plasma Adiponectin in Risk of Type 2 Diabetes: Observational Analysis and One- and Two-Sample Mendelian Randomization Analyses in 756,219 Individuals. <b>2021</b> , 70, 2694-2705	3
538	Quercetin Ameliorates Insulin Resistance and Restores Gut Microbiome in Mice on High-Fat Diets. <b>2021</b> , 10,	10
537	Globular adiponectin inhibits osteoblastic differentiation of vascular smooth muscle cells through the PI3K/AKT and Wnt/ $\beta$ -catenin pathway. <b>2021</b> , 52, 1067-1080	0
536	Adiponectin gene polymorphisms associated with diabetes mellitus: A descriptive review. <b>2021</b> , 7, e07851	2
535	Targeting Adipokines in Obesity-Related Tumors. <b>2021</b> , 11, 685923	6
534	Can improvements in sleep quality positively affect serum adiponectin-levels in patients with obstructive sleep apnea?. <b>2021</b> , 84, 324-333	3
533	Adipocyte-Endothelium Crosstalk in Obesity. <b>2021</b> , 12, 681290	4
532	Administration of hydro-alcoholic extract of spinach improves oxidative stress and inflammation in high-fat diet-induced NAFLD rats. <b>2021</b> , 21, 221	1
531	Therapeutic radiation exposure of the abdomen during childhood induces chronic adipose tissue dysfunction. <b>2021</b> , 6,	0
530	Obesity and Postmenopausal Hormone Receptor-positive Breast Cancer: Epidemiology and Mechanisms. <b>2021</b> , 162,	2
529	The Controversial Role of Adiponectin in Appetite Regulation of Animals. <b>2021</b> , 13,	1
528	Dietary Naringenin Preserves Insulin Sensitivity and Grip Strength and Attenuates Inflammation but Accelerates Weight Loss in a Mouse Model of Cancer Cachexia. <b>2021</b> , 65, e2100268	0
527	Naringin Promotes Skeletal Muscle Fiber Remodeling by the AdipoR1-APPL1-AMPK Signaling Pathway. <b>2021</b> , 69, 11890-11899	1

526	The Regulatory Roles of PPARs in Skeletal Muscle Fuel Metabolism and Inflammation: Impact of PPAR Agonism on Muscle in Chronic Disease, Contraction and Sepsis. <b>2021</b> , 22,	3
525	Exome Sequencing of 5 Families with Severe Early-Onset Periodontitis. <b>2021</b> , 220345211029266	1
524	Bile acid activated receptors: Integrating immune and metabolic regulation in non-alcoholic fatty liver disease. <b>2021</b> , 5, 119-141	4
523	Adiponectin agonist treatment in diabetic pregnant rats. <b>2021</b> , 251, 1-13	0
522	Homalium zeylanicum attenuates streptozotocin-induced hyperglycemia and cellular stress in experimental rats via attenuation of oxidative stress imparts inflammation. <b>2022</b> , 283, 114649	1
521	Anti-diabetic effects of astaxanthin on an STZ-induced diabetic model in rats. <b>2021</b> , 68, 451-459	10
520	The Effect of Omega-3 Fatty Acid Supplementation on Serum Adipocytokines, Lipid Profile and Biochemical Markers of Inflammation in Recreational Runners. <b>2021</b> , 13,	0
519	S1P Signaling Pathways in Pathogenesis of Type 2 Diabetes. <b>2021</b> , 2021, 1341750	2
518	New Drugs for the Treatment of Diabetes Mellitus.	1
517	Insulin Resistance and the Metabolic Syndrome. <b>2010</b> , 531-555	1
516	Insulin Resistance. <b>2007</b> , 185-209	2
515	White Adipose Tissue. <b>2012</b> , 71-121	2
514	Molecular mechanisms of insulin resistance in diabetes. <b>2012</b> , 771, 240-51	29
513	Role of NPY in Brown Adipocytes and Obesity. <b>2013</b> , 169-186	1
512	Laminopathies: One Gene, Two Proteins, Five Diseases□ <b>2002</b> , 153-172	4
511	The HAART-Induced Metabolic Syndrome. <b>2006</b> , 403-426	1
510	Pathophysiology of Diabetes in Obesity. <b>2006</b> , 117-125	2
509	Fatty Acids in the Causation and Therapy of Metabolic Syndrome. <b>2008</b> , 263-284	3

508	Adipokines in Non-Alcoholic Fatty Liver Disease. <b>2007</b> , 291-305	2
507	Adiponectin. <b>2007</b> , 47-59	3
506	Environmental Inputs, Intake of Nutrients, and Endogenous Molecules Contributing to the Regulation of Energy Homeostasis. <b>2009</b> , 41-75	1
505	Insulin Resistance in States of Energy Excess: Underlying Pathophysiological Concepts. <b>2009</b> , 107-122	1
504	Genomics of Aerobic Capacity and Endurance Performance: Clinical Implications. <b>2011</b> , 179-229	2
503	n-6 Polyunsaturated Fatty Acids and Cancer. <b>2010</b> , 275-307	2
502	Inflammation, Adipokines, and Gestational Diabetes Mellitus. <b>2010</b> , 139-153	1
501	N-(D-Ribopyranosyl)Taurine Sodium Salt Has Anti-obesity Effect in Diet-Induced Obesity and Taurine Deficiency Rat Model. <b>2015</b> , 803, 897-905	1
500	Insulin Resistance and the Metabolic Syndrome. <b>2017</b> , 1-25	1
499	Diabetes and Aging. <b>2016</b> , 355-376	2
498	Endocrine Functions of Bone. <b>2016</b> , 1-27	1
497	White Adipose Tissue. <b>2017</b> , 149-199	2
496	Endocrine and Growth Disorders in Chronic Kidney Disease. <b>2009</b> , 1713-1753	3
495	Targeting type 2 diabetes. <b>2011</b> , 1-33	6
494	Endocrine Rhythms, the Sleep-Wake Cycle, and Biological Clocks. <b>2010</b> , 199-229	6
493	The roles of osteocalcin in lipid metabolism in adipose tissue and liver. <b>2020</b> , 78, 100752	9
492	Metformin treatment affects adipocytokine secretion and lipid composition in adipose tissues of diet-induced insulin-resistant rats. <b>2019</b> , 63-64, 126-133	10
491	Transcription Factor Activating Enhancer-binding Protein-2 <b>2006</b> , 281, 31245-31253	2

490	PPARadigms and PPARadoxes: expanding roles for PPAR $\alpha$ in the control of lipid metabolism. <b>2002</b> , 43, 177-186	176
489	Topical Application of Capsaicin Reduces Visceral Adipose Fat by Affecting Adipokine Levels in High-Fat Diet-Induced Obese Mice.	3
488	Clinical implication of changes in serum adiponectin in patients with hepatogenic diabetes. <b>2014</b> , 4, 5560	1
487	Berberine improves insulin resistance in adipocyte models by regulating the methylation of hypoxia-inducible factor-3 $\beta$ . <b>2019</b> , 39,	6
486	Adipokines as key players in $\beta$ cell function and failure. <b>2019</b> , 133, 2317-2327	5
485	Research Progresses of the Mechanism of Insulin Resistance in Type II Diabetes. <b>2019</b> , 78, 01006	3
484	Le $\alpha$ adiponectine d $\alpha$ tr $\alpha$ bera-t-elle la leptine?. <b>2001</b> , 17, 1353-1354	0
483	Time restricted feeding and mental health: a review of possible mechanisms on affective and cognitive disorders. <b>2021</b> , 72, 723-733	16
482	Anti-amnestic effect of Spirulina platensis in high-fat diet-induced obese mice. <b>2018</b> , 25, 574-585	3
481	SCGN Administration prevents Insulin Resistance and Diabetic Complications in High-Fat Diet Fed Animals.	1
480	Analysis of exome-sequenced UK Biobank subjects implicates genes affecting risk of hyperlipidaemia.	0
479	Evaluation of the associations of body height with blood pressure and early-stage atherosclerosis in Chinese adults. <b>2020</b> , 22, 1018-1024	4
478	Lipodistrophy: a paradigm for understanding the consequences of "overloading" adipose tissue. <b>2021</b> , 101, 907-993	9
477	Lipoatrophy and metabolic disturbance in mice with adipose-specific deletion of kindlin-2. <b>2019</b> , 4,	24
476	Paracrine regulation of fat cell formation in bone marrow cultures via adiponectin and prostaglandins. <b>2002</b> , 109, 1303-1310	102
475	Increased insulin and leptin sensitivity in mice lacking acyl CoA:diacylglycerol acyltransferase 1. <b>2002</b> , 109, 1049-1055	226
474	Leptin: a novel therapeutic role in lipodystrophy. <b>2002</b> , 109, 1285-1286	24
473	Inhibition of RXR and PPAR $\gamma$ ameliorates diet-induced obesity and type 2 diabetes. <b>2001</b> , 108, 1001-13	207



472	Endogenous glucose production is inhibited by the adipose-derived protein Acrp30. <b>2001</b> , 108, 1875-81	611
471	The effect of salicylates on insulin sensitivity. <b>2001</b> , 108, 1723-4	7
470	Paracrine regulation of fat cell formation in bone marrow cultures via adiponectin and prostaglandins. <b>2002</b> , 109, 1303-10	46
469	Increased insulin and leptin sensitivity in mice lacking acyl CoA:diacylglycerol acyltransferase 1. <b>2002</b> , 109, 1049-55	105
468	Obesity resistance and enhanced glucose metabolism in mice transplanted with white adipose tissue lacking acyl CoA:diacylglycerol acyltransferase 1. <b>2003</b> , 111, 1715-22	66
467	Inhibition of adipogenesis and development of glucose intolerance by soluble preadipocyte factor-1 (Pref-1). <b>2003</b> , 111, 453-61	205
466	Adipose-derived resistin and gut-derived resistin-like molecule-beta selectively impair insulin action on glucose production. <b>2003</b> , 111, 225-30	357
465	Glucokinase and IRS-2 are required for compensatory beta cell hyperplasia in response to high-fat diet-induced insulin resistance. <b>2007</b> , 117, 246-57	262
464	The fat-derived hormone adiponectin alleviates alcoholic and nonalcoholic fatty liver diseases in mice. <b>2003</b> , 112, 91-100	394
463	PTG gene deletion causes impaired glycogen synthesis and developmental insulin resistance. <b>2003</b> , 111, 1423-32	80
462	Conditional disruption of IkappaB kinase 2 fails to prevent obesity-induced insulin resistance. <b>2004</b> , 113, 474-81	44
461	PKClambda in liver mediates insulin-induced SREBP-1c expression and determines both hepatic lipid content and overall insulin sensitivity. <b>2003</b> , 112, 935-44	79
460	Progress in the search for neuronal mechanisms coupling type 2 diabetes to obesity. <b>2001</b> , 108, 963-964	28
459	PKCIn liver mediates insulin-induced SREBP-1c expression and determines both hepatic lipid content and overall insulin sensitivity. <b>2003</b> , 112, 935-944	136
458	Conditional disruption of IB kinase 2 fails to prevent obesity-induced insulin resistance. <b>2004</b> , 113, 474-481	74
457	Inactivation of fatty acid transport protein 1 prevents fat-induced insulin resistance in skeletal muscle. <b>2004</b> , 113, 756-763	182
456	Hypertension and abnormal fat distribution but not insulin resistance in mice with P465L PPAR $\alpha$ . <b>2004</b> , 114, 240-249	117
455	Dynamic changes in fat oxidation in human primary myocytes mirror metabolic characteristics of the donor. <b>2005</b> , 115, 1934-41	148

454	Glucose transport and sensing in the maintenance of glucose homeostasis and metabolic harmony. <b>2006</b> , 116, 1767-75	239
453	DGAT1-dependent triacylglycerol storage by macrophages protects mice from diet-induced insulin resistance and inflammation. <b>2010</b> , 120, 756-67	153
452	FoxO1 expression in osteoblasts regulates glucose homeostasis through regulation of osteocalcin in mice. <b>2010</b> , 120, 357-68	171
451	Adipocyte iron regulates adiponectin and insulin sensitivity. <b>2012</b> , 122, 3529-40	194
450	Adiponectin suppresses gluconeogenic gene expression in mouse hepatocytes independent of LKB1-AMPK signaling. <b>2011</b> , 121, 2518-28	125
449	Adipocytokines, Body Composition, and Fitness in Children.	14
448	Indexes of insulin resistance using the oral glucose tolerance test (O-GTT) in Japanese children and adolescents. <b>2004</b> , 71, 84-7	5
447	Insulin Resistance during Puberty in Non-obese Japanese Children. <b>2011</b> , 20, 1-6	4
446	Water-soluble extract of Pacific Krill prevents triglyceride accumulation in adipocytes by suppressing PPAR $\alpha$ and C/EBP $\alpha$ expression. <b>2011</b> , 6, e21952	3
445	Globular adiponectin activates motility and regenerative traits of muscle satellite cells. <b>2012</b> , 7, e34782	24
444	MicroRNAome comparison between intramuscular and subcutaneous vascular stem cell adipogenesis. <b>2012</b> , 7, e45410	25
443	Gene Polymorphisms of ADIPOQ +45T>G, UCP2 -866G>A, and FABP2 Ala54Thr on the Risk of Colorectal Cancer: A Matched Case-Control Study. <b>2013</b> , 8, e67275	18
442	The rab11 effector protein FIP1 regulates adiponectin trafficking and secretion. <b>2013</b> , 8, e74687	17
441	Role of serum vaspin in progression of type 2 diabetes: a 2-year cohort study. <b>2014</b> , 9, e94763	43
440	Adiponectin ameliorates experimental periodontitis in diet-induced obesity mice. <b>2014</b> , 9, e97824	27
439	Circulating adiponectin and risk of endometrial cancer. <b>2015</b> , 10, e0129824	11
438	Adiponectin Fractions Influence the Development of Posttransplant Diabetes Mellitus and Cardiovascular Disease in Japanese Renal Transplant Recipients. <b>2016</b> , 11, e0163899	5
437	Characterization of stromal vascular fraction and adipose stem cells from subcutaneous, preperitoneal and visceral morbidly obese human adipose tissue depots. <b>2017</b> , 12, e0174115	32

436	Molecular and cellular mechanisms of adipogenesis. <b>2015</b> , 18, 12-19	4
435	Globular Adiponectin Exerts a Pro-Inflammatory Effect via I $\kappa$ B/NF- $\kappa$ B Pathway Activation and Anti-Inflammatory Effect by IRAK-1 Downregulation. <b>2018</b> , 41, 762-770	6
434	Adipose Tissue as an Endocrine Organ: An Update on Pro-inflammatory and Anti-inflammatory Microenvironment. <b>2015</b> , 116, 87-111	91
433	Changes in circulating adiponectin and tumour necrosis factor- $\alpha$ and their relationship with insulin resistance in periparturient dairy cows. <b>2016</b> , 60, 163-167	3
432	Association between breast milk adipokines with growth in breast feeding infants, a systematic review and meta-analysis. <b>2020</b> , 45, 659-669	1
431	Correlation between adiponectin level with common variant (rs9939609) of fat mass and obesity-associated gene in obese type 2 diabetic women. <b>2017</b> , 6, 126-133	3
430	Exercise ameliorates the FGF21-adiponectin axis impairment in diet-induced obese mice. <b>2019</b> , 8, 596-604	13
429	Effects of ER $\alpha$ and ER $\beta$ on OVX-induced changes in adiposity and insulin resistance. <b>2020</b> , 245, 165-178	10
428	Role of Exercise-induced Adiponectin Activation on Obese and Diabetic Individuals. <b>2020</b> , 29, 208-213	1
427	[Metabolic alterations in HIV-associated lipodystrophy syndrome]. <b>2005</b> , 49, 871-81	30
426	Potencial envolvimento da adiponectina e seus receptores na modulaçã da esteroidogênese em corpo lúeo de cadelas ao longo do diestro. <b>2012</b> , 32, 1055-1060	3
425	Anti-obesity Effects of Galgeun-tang in High Fat Diet Induced Obese Mice Model. <b>2016</b> , 26, 13-28	3
424	Peroxisome Proliferator-Activated Receptors and The Metabolic Syndrome. <b>2009</b> , 1, 4	1
423	Accelerated ageing and renal dysfunction links lower socioeconomic status and dietary phosphate intake. <b>2016</b> , 8, 1135-49	42
422	Involvement of adiponectin in age-related increases in tear production in mice. <b>2019</b> , 11, 8329-8346	3
421	Butyrate alleviates high fat diet-induced obesity through activation of adiponectin-mediated pathway and stimulation of mitochondrial function in the skeletal muscle of mice. <b>2016</b> , 7, 56071-56082	85
420	Adipose Tissue: A Metabolic Regulator. Potential Implications for the Metabolic Outcome of Subjects Born Small for Gestational Age (SGA). <b>2007</b> , 4, 134-46	32
419	Relationships among oncostatin M, insulin resistance, and chronic inflammation: a pilot study. <b>2020</b> , 64, 38-44	2

418	Adiponectin as a Potential Therapeutic Target for Prostate Cancer. <b>2017</b> , 23, 4170-4179	20
417	The Journey of Thiazolidinediones as Modulators of PPARs for the Management of Diabetes: A Current Perspective. <b>2019</b> , 25, 2540-2554	10
416	Mechanisms Involved in Glycemic Control Promoted by Exercise in Diabetics. <b>2019</b> , 15, 105-110	2
415	A Single Dose of Prednisolone as a Modulator of Undercarboxylated Osteocalcin and Insulin Sensitivity Post-Exercise in Healthy Young Men: A Study Protocol. <b>2016</b> , 5, e78	3
414	AdipoRon may be benefit for atherosclerosis prevention. <b>2017</b> , 20, 107-109	7
413	Susceptibility to oxidative stress, insulin resistance, and insulin secretory response in the development of diabetes from obesity. <b>2007</b> , 64, 391-7	11
412	Dissociation of obesity and impaired glucose disposal in mice overexpressing acyl coenzyme a:diacylglycerol acyltransferase 1 in white adipose tissue. <b>2002</b> , 51, 3189-95	98
411	Pioglitazone treatment of insulin resistance in a patient with Werner's syndrome. <b>2004</b> , 27, 3021-2	9
410	Adapted recreational football small-sided games improve cardiac capacity, body composition and muscular fitness in patients with type 2 diabetes. <b>2020</b> , 60, 1261-1268	0
409	The pathological role of adipose tissue aging in the progression of systemic insulin resistance. <b>2015</b> , 35, 178-184	0
408	Evolving role of adiponectin in cancer-controversies and update. <b>2016</b> , 13, 101-19	39
407	Haplotype TGTG from SNP 45T/G and 276G/T of the adiponectin gene contributes to risk of polycystic ovary syndrome. <b>2013</b> , 36, 497-502	6
406	[Nonalcoholic steatohepatitis: pathogenesis and treatment]. <b>2008</b> , 14, 12-27	3
405	Short-term regulation of adiponectin secretion in rat adipocytes. <b>2011</b> , 60, 521-30	17
404	The effects of gender and obesity on myocardial tolerance to ischemia. <b>2011</b> , 60, 291-301	23
403	Interstitial Leydig Cell Tumorigenesis-Leptin and Adiponectin Signaling in Relation to Aromatase Expression in the Human Testis. <b>2020</b> , 21,	7
402	Endurance Exercise Mitigates Immunometabolic Adipose Tissue Disturbances in Cancer and Obesity. <b>2020</b> , 21,	5
401	A Comprehensive Insight into Potential Roles of Taurine on Metabolic Variables in Type 2 Diabetes: A Systematic Review. <b>2020</b> , 26, 225-238	2

400	Antihyperlipidemic and Glycemic Control Effects of Mycelia of <i>Inonotus obliquus</i> Including Protein-bound Polysaccharides Extract in C57BL/6J Mice. <b>2009</b> , 38, 667-673	5
399	Effect of insulin-sensitizing agents in combination with ezetimibe, and valsartan in rats with non-alcoholic fatty liver disease. <b>2006</b> , 12, 4369-76	42
398	Hepatic lipid metabolism changes in short- and long-term prehepatic portal hypertensive rats. <b>2006</b> , 12, 6828-34	21
397	Pathogenesis and management issues for non-alcoholic fatty liver disease. <b>2007</b> , 13, 4539-50	187
396	Protective role of adiponectin in a rat model of intestinal ischemia reperfusion injury. <b>2015</b> , 21, 13250-8	17
395	Leptin and Adiponectin in the HIV Associated Metabolic Syndrome: Physiologic and Therapeutic Implications. <b>2006</b> , 2, 141-152	34
394	Icariin treatment reduces blood glucose levels in type 2 diabetic rats and protects pancreatic function. <b>2020</b> , 19, 2690-2696	3
393	Hesperidin prevents hyperglycemia in diabetic rats by activating the insulin receptor pathway. <b>2021</b> , 21, 53	9
392	Adiponectin for the treatment of diabetic nephropathy. <b>2019</b> , 34, 480-491	10
391	Adipocytokines: The pied pipers. <b>2010</b> , 1, 9-17	18
390	Association of adiponectin with peripheral arterial disease and mortality in nondiabetic hemodialysis patients: Long-term follow-up data of 7 years. <b>2016</b> , 21, 50	8
389	Benefits of leptin therapy in HIV patients. <b>2012</b> , 16, S637-43	9
388	Evaluation of Proinflammatory Cytokines in Obese vs Non-obese Patients with Metabolic Syndrome. <b>2018</b> , 22, 751-756	12
387	Adiponectin: Role in Physiology and Pathophysiology. <b>2020</b> , 11, 136	35
386	Dark Chocolate Effect on Serum Adiponectin, Biochemical and Inflammatory Parameters in Diabetic Patients: A Randomized Clinical Trial. <b>2018</b> , 9, 86	7
385	W(h)ither Metreleptin for Lipodystrophy and the Metabolic Syndrome?. <b>2010</b> , 16, 162-166	1
384	Rationale for leptin-replacement therapy for severe lipodystrophy. <b>2010</b> , 16, 324-33	53
383	ADIPOQ Gene Variants Associated with Susceptibility to Obesity and Low Serum Adiponectin Levels in Healthy Koreans. <b>2011</b> , 33, e2011003	17

- 382 Adiponectin is Associated with Impaired Fasting Glucose in the Non-Diabetic Population. **2011**, 33, e2011007 8
- 381 THE EFFECT OF SHORT TERM ALPHA LIPOIC ACID ADMINISTRATION ON ADIPONECTIN AND BODY WEIGHT IN TYPE 2 DIABETES MELLITUS PATIENTS. **2017**, 13, 461-466 4
- 380 SHORT CHAIN FATTY ACIDS UPREGULATE ADIPOKINE PRODUCTION IN TYPE 2 DIABETES-DERIVED HUMAN ADIPOCYTES. **2018**, 14, 287-293 5
- 379 The influence of adiponectin G276T gene polymorphism on changes in total and high molecular weight adiponectin levels by exercise training. **2011**, 03, 737-741 1
- 378 The Effects of Adiponectin on Bone Metabolism. **2014**, 07, 621-630 1
- 377 Switching from Sitagliptin to Alogliptin under Treatment with Pioglitazone Increases High Molecular Weight Adiponectin in Type 2 Diabetes: A Prospective Observational Study. **2015**, 05, 258-266 2
- 376 Pharmacological effects of lipid-lowering drugs on circulating adipokines. **2010**, 1, 116-28 25
- 375 Effect of periodontal treatment on adipokines in type 2 diabetes. **2014**, 5, 924-31 13
- 374 Skeletal muscle as a therapeutic target for delaying type 1 diabetic complications. **2015**, 6, 1323-36 35
- 373 Aloesin as a medical food ingredient for systemic oxidative stress of diabetes. **2015**, 6, 1097-107 15
- 372 Effect of PCI on inflammatory markers, adiponectin and insulin resistance. **2010**, 5, 838-40 1
- 371 Circulating factors present in the sera of naturally skinny people may influence cell commitment and adipocyte differentiation of mesenchymal stromal cells. **2019**, 11, 180-195 8
- 370 Association of decreased C1q/tumor necrosis factor-related protein-5 levels with metabolic and hormonal disturbance in polycystic ovary syndrome. **2019**, 20, 89-96 5
- 369 Pulmonary hypertension and metabolic syndrome: Possible connection, PPAR $\alpha$  and Caveolin-1. **2014**, 6, 692-705 10
- 368 Complexation of Adiponectin-encoding Plasmid DNA with Rosiglitazone-loaded Cationic Liposomes. **2010**, 40, 357-362 1
- 367 Association of polymorphism in adiponectin (+45 T/G) and leptin (-2548 G/A) genes with type 2 diabetes mellitus in male Egyptians. **2015**, 11, 937-44 15
- 366 Comparison of serum maternal adiponectin concentrations in women with isolated intrauterine growth retardation and intrauterine growth retardation concomitant with pre-eclampsia. **2014**, 15, 173-6 4
- 365 Role of Soluble Adiponectin Receptor 2 in Non-Alcoholic Fatty Liver Disease in Children. **2019**, 22, 470-478 2

364	Lipid accumulation mediated by adiponectin in C2C12 myogenesis. <b>2009</b> , 42, 667-72	8
363	Adiponectin single nucleotide polymorphism is a genetic risk factor for stroke through high pulse wave pressure: a cohort study. <b>2013</b> , 20, 152-60	15
362	Formula diet is effective for the reduction and differentiation of visceral adipose tissue in Zucker fatty rats. <b>2012</b> , 19, 127-36	12
361	Physiological Roles of Adipokines, Hepatokines, and Myokines in Ruminants. <b>2016</b> , 29, 1-15	12
360	Serum adipokines play different roles in type I and II ketosis. <b>2020</b> , 33, 1930-1939	2
359	Roles of physical activity and cardiorespiratory fitness on sex difference in insulin resistance in late elementary years. <b>2014</b> , 18, 361-9	9
358	Mechanistic Effects of Vitamin D Supplementation on Metabolic Syndrome Components in Patients with or without Vitamin D Deficiency. <b>2020</b> , 29, 270-280	3
357	Ethnic Differences in Insulin Resistance, Adiponectin Levels and Abdominal Obesity: Haitian Americans and African Americans, with and without Type 2 Diabetes Mellitus. <b>2014</b> , 4, 4455-4469	1
356	Adipose Tissue and Immuno-Metabolic Regulation. <b>2022</b> , 203-220	
355	Metabolic and inflammatory functions of cannabinoid receptor type 1 are differentially modulated by adiponectin. <b>2021</b> , 12, 1750-1764	
354	Alleviation Effects of GQD, a Traditional Chinese Medicine Formula, on Diabetes Rats Linked to Modulation of the Gut Microbiome. <b>2021</b> , 11, 740236	2
353	Urinary Proteomics of Simulated Firefighting Tasks and Its Relation to Fitness Parameters. <b>2021</b> , 18,	
352	Developing a highly-sensitive aptasensor based on surface energy transfer between InP/ZnS quantum dots and Ag-nanoplates for the determination of insulin. <b>2022</b> , 423, 113601	1
351	T-Cadherin and the Ratio of Its Ligands as Predictors of Carotid Atherosclerosis: A Pilot Study. <b>2021</b> , 9,	0
350	The adiponectin signalling pathway - A therapeutic target for the cardiac complications of type 2 diabetes?. <b>2021</b> , 108008	1
349	AdipoRon negatively regulates proliferation and migration of ARPE-19 human retinal pigment epithelial cells. <b>2021</b> , 146, 170676	
348	Genomic approach to common human obesity. <b>2002</b> , 155-163	
347	Metabolic Syndrome X and low-grade systemic inflammation. <b>2002</b> , 61-93	

346 ??????? : ?????????????(5.????????????????????)(?66????????????). **2002**, 10, 279-286

345 Do our genes make us fat?. **2003**, 25-39

344 Role of the Adipocyte in Type 2 Diabetes.

343 Molecular Genetics of Type 2 Diabetes—Candidate Genes.

342 Insulin Resistance and Cardiovascular Disease: New Insights from Genetics. **2004**, 243-279

341 ??????????????. **2004**, 15, 75-83

340 Insulin resistance in diabetes. **2004**, 65-98

339 Genetics of Obesity. **2004**, 53-67

338 Adiponectin.

337 Genetic Susceptibility to the Metabolic Syndrome. **2005**, 133-151

336 Metabolic Syndrome. **2005**, 147-171

335 Dietary Conjugated Linoleic Acid and Metabolic Syndromes. **2006**, 80-91

334 Obesity and Common Diseases. **2006**, 106-118

333 Obesity and Inflammatory and Thrombotic Factors. **2006**, 121-142

332 Vascular Dysfunction and Obesity. **2006**, 93-120

331 ?????????(????????????????). **2006**, 14, 353-361

330 Conjugated Linoleic Acid in Hypertension. **2006**, 171-181

329 Alteration of insulin resistance and serum adiponectin levels after one year follow-up of obese children and adolescents. **2007**, 50, 767



- 328 Oligomeric Composition of Adiponectin and Obesity. **2007**, 167-176
- 327 Obesity and Inflammation. **2007**, 139-165
- 326 The Effect of 12 Weeks Combined Exercise on C-reactive protein, Adiponectin and Insulin Resistance in Obese Middle School Girls. **2007**, 17, 1419-1425
- 325 Insulin Resistance Syndrome and Its Vascular Complications. **2007**, 375-393
- 324 Asthma in the obese: yet another reason to lose weight. **2008**, 25, 1-3 1
- 323 Insulin Signaling in Adipocytes and the Role of Inflammation. **2008**, 189-204
- 322 Insulin Action and Endothelial Function. **2008**, 107-135
- 321 The Role of Obesity in Insulin Resistance. **2008**, 37-55
- 320 The Effect of Leptin Level Fluctuations by a Repeated Fasting/Refeeding on the Leptin Sensitivity in OLETF Rats. **2008**, 23, 310 3
- 319 Gestational diabetes: The consequences of not-treating. **2008**, 107-117
- 318 Subclinical inflammation and redox status in untreated patients with type 2 diabetes mellitus. **2008**, 14, 151-161 1
- 317 The Differences of Ghrelin, Adiponectin, and Aerobic Capacity by Menopause and Obesity and its Inter-Correlation with Body Composition Indexes. **2008**, 19, 51-59 1
- 316 Liver Transplantation for Nonalcoholic Fatty Liver Disease. **2009**, 169-190
- 315 Insulin Resistance and Inflammatory Signaling Pathways Modulated by High-Fat Diet. **2008**,
- 314 Effect of eccentric exercise on insulin resistance and skeletal muscle GLUT-4 protein expression of type II diabetes rats. **2009**, 18, 53-64
- 313 Association of adiponectin genotype (G276T) with obesity, insulin resistance, and cardiorespiratory fitness in young adults. **2009**, 18, 21-30
- 312 Thioredoxin-binding Protein-2 Deficiency Enhances Methionine-Choline Deficient Diet-induced Hepatic Steatosis but Inhibits Steatohepatitis in Mice. 110306091003087
- 311 Effects of Regular Aerobic Exercise on HMW adiponectin Concentration. **2009**, 20, 445-454 1

- 310 Insulin as Modulator of Adipose Inflammation. **2009**, 99-114
- 309 Glucocorticoids as Modulators of Adipose Inflammation. **2009**, 127-148
- 308 HIV Infection and Diabetes. **2010**, 617-642
- 307 Adipose Tissue Biology: An Update Review. **2009**, 1, 4
- 306 Effect of Resistance Training on Body Composition, Bone Mineral Density and Adipocytokine in Obese Perimenopausal Women. **2009**, 20, 693-703 1
- 305 Hypoglycemic Effects of a Water-Soluble Extract from Culture Medium of *Ganoderma lucidum* (Rei-shi) Mycelia in Type 2 Diabetic Mice. **2010**, 7, 35-42 4
- 304 Role of the Adipocyte in Metabolism and Endocrine Function. **2010**, 699-721
- 303 Development of quantitative ELISA for determination of serum adiponectin and its clinical application. **2010**, 29, 850-853
- 302 Serum interleukin-6, tumor necrosis factor- $\alpha$  and adiponectin levels in Kawasaki disease. **2010**, 53, 41
- 301 The Hypoglycemic Effect of Complex of Chinese Traditional Herbs (CTH) and Macelignan in Type 2 Diabetic Animal Model. **2010**, 20, 1113-1120
- 300 Effects of Taekwondo Training on Body Composition, Physical Fitness and Serum Adiponectin in Children Obesity. **2010**, 12, 239-251 4
- 299 The Laron Mouse. **2011**, 429-432
- 298 Pancreatic Islet  $\beta$ Cell Failure in Obesity. **2011**, 199-217
- 297 Oxidative Stress in Kidney Injury: Peroxisome Proliferator-Activated Receptor- $\alpha$ Agonists Are in Control. **2011**, 337-350
- 296 The Effect of IGFBP-3 on Adipokines and Gene Expression in Differentiated 3T3-L1 Adipocytes. **2011**, 16, 24 2
- 295 Comparison of Serum Insulin, Leptin, Adiponectin and High Sensitivity C-Reactive Protein Levels according to Body Mass Index and their Associations in Adult Women. **2011**, 16, 126 4
- 294 Dietary Determinants of Fat Mass and Body Composition. **2012**, 271-315
- 293 Elevated Levels of Serum Ferritin May be Related to Non-Alcoholic Steatohepatitis. **2011**, 1, 13-20

292 The Role of Obesity and Diet in Prostate Cancer. **2012**, 127-142

291 Effects of Porcine Adiponectin Ggene Polymorphism in the 5' Flanking Region on Backfat Thickness. **2012**, 49, 14-22

290 Obesity and Immunosenescence: Psychological, Behavioral and Biochemical Pathways. **2013**, 179-199

289 The Effect of Obesity Management Program on Blood Lipid Profile and Adiponectin in Obese Women. **2013**, 22, 231

2

288 Adiponectine : une adipokine aux multiples visages. **2013**, 189-203

287 Relationship between serum adiponectin levels and mortality in hemodialysis patients. **2013**, 46, 475-480

286 Leptin, Adiponectin, and Other Adipokines in Regulation of Adipose Tissue Angiogenesis. **2013**, 187-228

285 Blood Vessels in White and Brown Adipose Tissues. **2013**, 77-102

0

284 Molecular Aspects of Obesity and Insulin Resistance in Metabolic Syndrome and Neurological Disorders. **2013**, 143-189

283 Metabolic Health in the Aging Female: Human Perspective. **2013**, 123-139

282 Comparison of Serum Adiponectin Levels According to Body Mass Index and Dietary Behaviors of Female University Students in Seoul. **2013**, 18, 354

2

281 Role of Adipose Tissue in the Pathogenesis and Treatment of Metabolic Syndrome. **2014**, 63-83

280 Liver and Fat in Type 2 Diabetes: New Insights and Clinical Relevance. **2014**, 249-268

279 Relationships among Serum Adiponectin, Leptin and Vitamin D Concentrations and the Metabolic Syndrome in Farmers. **2014**, 19, 12

1

278 The Effects on Adipocytokines & Bone Metabolic Parameters according to Shoes Heel Height in Postmenopausal Obese Women. **2014**, 31, 211-225

277 Correlation of Gene Expression between Adiponectin and Glucose Transporter 4 in Mouse Adipose Tissue. **2014**, 24, 895-902

276 Adiponectin as Biomarker of Osteoporosis. **2015**, 1-34

275 Linking Inflammation, Obesity and Diabetes. **2015**, 1-24

- 274 Endocrine and Growth Abnormalities in Children with Chronic Renal Disease. **2015**, 1-63
- 273 Relationship of Cardiorespiratory Fitness and Obesity Genes to Metabolic Syndrome in Adult Japanese Men. **2015**, 171-191
- 272 Effects of Sunsik Prepared through Steaming-Drying Cycles on Blood Glucose and Inflammatory Marker in Rats Fed High Fat. **2015**, 25, 111
- 271 Protective Effects of Curcumin on CCL4-Induced Hepatic Fibrosis with High Fat Diet in C57BL/6 Mice. **2015**, 47, 251-258 2
- 270 Encyclopedia of Signaling Molecules. **2016**, 1-7
- 269 Elucidation of Pathogenesis and Development of Therapeutic Strategy of Type 2 Diabetes-progress in the Thirty Years. **2016**, 105, 64a-70a
- 268 Attenuation of insulin resistance using steamed Polygonatum odoratum var pluriflorum extract in rat skeletal muscle cells L6 myoblast. **2016**, 31, 1-5
- 267 Elucidation of Pathogenesis and Development of Therapeutic Strategy of Type 2 Diabetes -Progress in the Thirty Years. **2016**, 105, 1543-1557
- 266 HIV Infection and Diabetes. **2016**, 1-32
- 265 The Study on Correlation between Abdominal Fat Area and Obesity Index, Metabolic Syndrome Components in Obese Adult Women. **2016**, 26, 103-111
- 264 Insulin Resistance and the Metabolic Syndrome. **2016**, 1-25
- 263 Effect of Pilates Exercises on Adiponectin, %Body Fat and HOMA Index in Obese Women. **2016**, 33, 111-121
- 262 Effect of Health Exercise Program on Insulin Resistant and Blood Lipid of Elderly Women Through Convergence. **2016**, 14, 487-494
- 261 Effect of 12 Hours Fasting Resistance Exercise on Metabolic Efficiency and Fatigue in Convergence Ages. **2016**, 14, 471-478
- 260 Salacia Chinensis Extract (SCE) Modulates Carbohydrates and Lipid Metabolism: in vitro and in vivo Models. **2016**, 3,
- 259 HIV Infection and Diabetes. **2017**, 773-804
- 258 Insulin Resistance and the Metabolic Syndrome. **2017**, 679-703
- 257 Does Obesity without Hyperglycemia Delay Wound Healing in an Obese Mouse Model Induced by a High-Fat Diet?. **2017**, 09, 1660-1679

- 256 Adiponectin as Biomarker of Osteoporosis. **2017**, 849-881 0
- 255 Adipokines and Metabolism. **2017**, 1-35
- 254 The Relationship between Metabolic Syndrome Risk Factors and High Sensitive C-reactive Protein in Abdominal Obesity Elderly Women. **2017**, 49, 121-127 3
- 253 Inhibitory effects of curcumin on high glucose-induced damages: Implications for alleviating diabetic complications. **2017**, 24, 536-541 1
- 252 Genetik der Leistungsffigkeit und Trainierbarkeit. **2018**, 419-445
- 251 Gender Differences in Metabolic Syndrome. **2018**, 15-33
- 250 Encyclopedia of Signaling Molecules. **2018**, 223-229
- 249 Endocrine Functions of Bone. **2018**, 559-585
- 248 Collagen overlays can inhibit leptin and adiponectin secretion but not lipid accumulation in adipocytes. **2018**, 6, e4641
- 247 Potential Role of Adiponectin Receptor Agonist, AdipoRon in Cardiometabolic Disease. **2019**, 28, 102-109
- 246 The Liver and Insulin Resistance: The Important Convergence of Endocrinology and Hepatology. **2020**, 207-219
- 245 The role of adipokines in the regulation of cardiovascular function. **2020**, 25, 448-459 1
- 244 [Systemic inflammation in patients with chronic obstructive pulmonary disease and obesity]. **2020**, 92, 13-18 3
- 243 Genetic inactivation of the translin/trax microRNA-degrading enzyme phenocopies the robust adiposity induced by Translin (Tsn) deletion.
- 242 Dietary Melatonin Protects Against Behavioural, Metabolic, Oxidative, and Organ Morphological Changes in Mice that are Fed High-Fat, High- Sugar Diet. **2020**, 20, 570-583 3
- 241 Identification of Differentially Expressed Proteins in Serum of Obese Patients by Isobaric Tags for Relative and Absolute Quantification (iTRAQ)-Coupled 2D LC-MS. **2020**, 26, e924882
- 240 Systemic Inflammation in the Morbidly Obese Patient. **2020**, 125-132
- 239 The effect of obesity, impaired carbohydrate metabolism and bariatric surgery on adiponectin and leptin mRNA levels in different adipose tissue depots. **2020**, 25, 568-576

- 238 Gender-Related Differences in the Pathogenesis and Diagnosis of Ischemic Heart Disease. **2020**, 3-23
- 237 Obesity and Male Osteoporosis: Protective Factor?. **2020**, 131-144
- 236 Maternal Obesity: Impacts on the Cardiovascular Health of Mother and Offspring. **2020**, 55-75
- 235 Early prediction of high risk gestational diabetes mellitus via machine learning models. **2020**, 1
- 234 The evolving systemic biomarker milieu in obese ZSF1 rat model of human cardiometabolic syndrome: Characterization of the model and cardioprotective effect of GDF15.
- 233 Hypoxia-inducible factor-1 $\beta$  regulates Lipin1 differently in pre-adipocytes and mature adipocytes. **2020**, 22, 559-565 **2020**, 22, 559-565 1
- 232 The Handbook of Wellness Medicine. **2020**, 2
- 231 Nutraceuticals and Wellness. **2020**, 292-301 1
- 230 Lipodystrophy: The experiment of nature to study leptin. **2006**, 225-245
- 229 Progress in the search for neuronal mechanisms coupling type 2 diabetes to obesity. **2001**, 108, 963-4 7
- 228 Leptin: a novel therapeutic role in lipodystrophy. **2002**, 109, 1285-6 6
- 227 Inactivation of fatty acid transport protein 1 prevents fat-induced insulin resistance in skeletal muscle. **2004**, 113, 756-63 78
- 226 Hypertension and abnormal fat distribution but not insulin resistance in mice with P465L PPAR $\gamma$ . **2004**, 114, 240-9 68
- 225 Genetics of Obesity and Diabetes. **2006**, 39-67
- 224 Nutrients and Peripherally Secreted Molecules in Regulation of Energy Homeostasis. **2006**, 69-86
- 223 Adiponectin and Cardiovascular Disease. **2009**, 171-184
- 222 Mediators of Insulin Resistance. **2008**, 161-177
- 221 The Liver and Insulin Resistance: The Important Convergence of Endocrinology and Hepatology. **2008**, 229-244

220	Ectopic Fat Deposition, Adiponectin and Insulin Resistance in Obese Adolescents. <b>2008</b> , 149-159	
219	Obesity and Adipokines. <b>2007</b> , 69-85	
218	Metabolic Mechanisms of Muscle Insulin Resistance. <b>2008</b> , 35-47	1
217	Fat Metabolism in Insulin Resistance and Type 2 Diabetes. <b>2008</b> , 49-73	1
216	Adiponectin and insulin: molecular mechanisms of metabolic disorders. <b>2020</b> , 19, 188-197	1
215	Randomized, Open-Label, Cross-Over Comparison of the Effects of Benzbromarone and Febuxostat on Endothelial Function in Patients with Hyperuricemia. <b>2020</b> , 61, 984-992	7
214	Prevalence and incidence of diabetes in HIV-infected minority patients on protease inhibitors. <b>2005</b> , 97, 1088-92	17
213	Validation of 2 commercially available enzyme-linked immunosorbent assays for adiponectin determination in canine serum samples. <b>2010</b> , 74, 279-85	10
212	Obesity, adipocytokines and cancer. <b>2008</b> , 3, 45-52	6
211	Weight homeostasis & its modulators in hyperthyroidism before & after treatment with carbimazole. <b>2012</b> , 136, 242-8	6
210	The relationship between inflammatory markers, angiogenesis, and obesity. <b>2013</b> , 9, 247-53	25
209	Adiponectin: an adipokine with protective features against metabolic syndrome. <b>2015</b> , 18, 430-42	52
208	Effect of pioglitazone, quercetin and hydroxy citric acid on extracellular matrix components in experimentally induced non-alcoholic steatohepatitis. <b>2015</b> , 18, 832-6	8
207	Investigate the relation between Adiponectin gene variants and cardiovascular comorbidities and diabetes. <b>2016</b> , 10, 183-9	
206	The metabolic syndrome and DYRK1B. <b>2014</b> , 371, 784-5	4
205	Adiponectin and its Hydrolase-Activated Receptors. <b>2017</b> , 3,	14
204	Muscle atrophy in patients with Type 2 Diabetes Mellitus: roles of inflammatory pathways, physical activity and exercise. <b>2016</b> , 22, 94-109	66
203	Huangqi (astragalus) decoction ameliorates diabetic nephropathy via IRS1-PI3K-GLUT signaling pathway. <b>2018</b> , 10, 2491-2501	7

202	Age Associated Changes in Transcription of Adiponectin, AdipoR1 and AdipoR2 Genes in Pancreas of Rats. <b>2020</b> , 22, 61-67	
201	Obesity, osteoporosis and bone metabolism. <b>2020</b> , 20, 372-381	12
200	Estradiol overcomes adiponectin-resistance in diabetic mice by regulating skeletal muscle adiponectin receptor 1 expression. <b>2021</b> , 540, 111525	0
199	Neogargarooligosaccharides modulate gut microbiota and alleviate body weight gain and metabolic syndrome in high-fat diet-induced obese rats. <b>2022</b> , 88, 104869	3
198	Revisiting the multiple roles of T-cadherin in health and disease. <b>2021</b> , 100, 151183	0
197	miR-370-3p Regulates Adipogenesis through Targeting Mknk1. <b>2021</b> , 26,	0
196	Measuring visfatin levels in saliva: an alternative approach to gestational diabetes screening. <b>2021</b> ,	0
195	Deficiency of Cathelicidin Attenuates High-Fat Diet Plus Alcohol-Induced Liver Injury through FGF21/Adiponectin Regulation.. <b>2021</b> , 10,	1
194	Moderate-intensity exercise might be a competitive protocol to prevent obesity and obesity-related metabolic diseases.	1
193	Resident and migratory adipose immune cells control systemic metabolism and thermogenesis. <b>2021</b> ,	2
192	Metabolomic analysis of plasma and intramuscular adipose tissue between Wagyu and Holstein cattle.. <b>2021</b> ,	2
191	Sex differences in regional adipose tissue depots pose different threats for the development of Type 2 diabetes in males and females.. <b>2022</b> , 23, e13393	2
190	Transcriptomic analysis of MA-10 tumor Leydig cells treated with adipose derived hormones adiponectin and resistin.. <b>2021</b> , 22, 100598	
189	Race-Specific Associations of Urinary Phenols and Parabens with Adipokines in Midlife Women: The Study of Women's Health Across the Nation (SWAN).	
188	Relationship of leptin hormone with body mass index and waist circumference in type 2 diabetes and non-diabetes in Sudanese. <b>2021</b> , 8, 54-58	
187	Effects of Adiponectin on Glucose Metabolism in the Hepatopancreas of Grass Carp (Ctenopharyngodon idella). <b>2022</b> , 2022, 1-14	0
186	Adipose tissue dysfunction and visceral fat are associated to hepatic insulin resistance and severity of NASH even in lean individuals.	0
185	Possibility of adiponectin use to improve islet transplantation outcomes.. <b>2022</b> , 12, 444	



184	The Circadian Clock and Obesity.. <b>2022</b> , 1	
183	Cucumeropsis mannii seed oil (CMSO) ameliorates adipokines dysfunction and dyslipidemia in male Wistar rats exposed to Bisphenol-A.	
182	Metabolic Syndrome: Updates on Pathophysiology and Management in 2021.. <b>2022</b> , 23,	24
181	Osteocalcin and Risks of Incident Diabetes and Diabetic Kidney Disease: A 4.6-Year Prospective Cohort Study.. <b>2022</b> ,	1
180	Metabolic and proteomic signatures of type 2 diabetes subtypes in an Arab population.	0
179	Adiponectin Deficiency Promotes Endometrial Carcinoma Pathogenesis and Development via Activation of Mitogen-Activated Protein Kinase.. <b>2022</b> ,	1
178	Anti-obesity effect of Cydonia oblonga Miller extract in high-fat diet-induced obese C57BL/6 mice. <b>2022</b> , 89, 104945	1
177	Association of Single-Nucleotide Polymorphisms with the Two Clinical Phenotypes Type 2 Diabetes Mellitus and Metabolic Syndrome in a Kinh Vietnamese Population.. <b>2022</b> , 15, 307-319	1
176	Short Term Changes in Dietary Fat Content and Metformin Treatment During Lactation Impact Milk Composition and Mammary Gland Morphology.. <b>2022</b> , 1	
175	Adiponectin in Osteoarthritis: Pathophysiology, Relationship with Obesity and Presumptive Diagnostic Biomarker Potential.. <b>2022</b> , 12,	1
174	Green tea extract increases adiponectin and PPAR $\alpha$ levels to improve hepatic steatosis.. <b>2022</b> , 108957	1
173	Obesity and Bone: A Complex Relationship.. <b>2021</b> , 22,	3
172	S1P Signalling Axis Is Necessary for Adiponectin-Directed Regulation of Electrophysiological Properties and Oxidative Metabolism in C2C12 Myotubes.. <b>2022</b> , 11,	1
171	Effects berberineilymarin on liver enzymes: A systematic review and meta-analysis of randomized controlled trials. <b>2022</b> ,	0
170	Is Single Nucleotide Polymorphism (NM_004797.4):c.214+62G>T (rs1501299) Associated With Uterine Leiomyomas? A Pilot Study.. <b>2021</b> , 27, 1609966	
169	Histone Deacetylases as Modulators of the Crosstalk Between Skeletal Muscle and Other Organs.. <b>2022</b> , 13, 706003	1
168	Central Adiponectin Signaling $\square$ A Metabolic Regulator in Support of Brain Plasticity. <b>2022</b> , 1-18	0
167	Gender and Body Mass Index-Related Serum Level of Adipokines and Metabolic Syndrome Components in Bipolar Patients who received Lithium and Valproic Acid. <b>2021</b> , 1-9	0

166	Clinical features, treatment and rehabilitation of new coronavirus infection in patients with metabolic syndrome. <b>2022</b> , 12, 5-25	
165	Albumin knockout mice exhibit reduced plasma free fatty acid concentration and enhanced insulin sensitivity.. <b>2022</b> , 10, e15161	1
164	The regulation of adipokines related to obesity and diabetes is sensitive to BDNF levels and adipose tissue location.. <b>2022</b> , 1	0
163	Ramadan Intermittent Fasting Is Associated with Changes in Circulating Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9) in Metabolically Healthy Obese Subjects.. <b>2022</b> , 58,	0
162	Role of diabetologists in the management of nonalcoholic fatty liver disease: Primary prevention and screening/management of fibrosis and cirrhosis.. <b>2022</b> , 16, 102446	0
161	Adipose tissue aging: mechanisms and therapeutic implications.. <b>2022</b> , 13, 300	4
160	Searching for the link between inflammaging and sarcopenia.. <b>2022</b> , 77, 101611	2
159	Race-specific associations of urinary phenols and parabens with adipokines in midlife women: The Study of Women's Health Across the Nation (SWAN).. <b>2022</b> , 303, 119164	
158	Protracted Impairment of Maternal Metabolic Health in Mouse Dams Following Pregnancy Exposure to a Mixture of Low Dose Endocrine-Disrupting Chemicals, a Pilot Study.. <b>2021</b> , 9,	0
157	Tetrahydrocurcumin Upregulates the Adiponectin-AdipoR Pathway and Improves Insulin Signaling and Pancreatic $\beta$ Cell Function in High-Fat Diet/Streptozotocin-Induced Diabetic Obese Mice.. <b>2021</b> , 13,	1
156	Top 100 Most Cited Studies in Obesity Research: A Bibliometric Analysis.	0
155	The cGAS-STING pathway: more than fighting against viruses and cancer.. <b>2021</b> , 11, 209	2
154	Adipocyte-Derived Hormone Levels in HIV Lipodystrophy. <b>2003</b> , 8, 9-15	49
153	An Overview of the TRP-Oxidative Stress Axis in Metabolic Syndrome: Insights for Novel Therapeutic Approaches.. <b>2022</b> , 11,	0
152	Role of Impaired Insulin Secretion and Insulin Resistance in the Pathogenesis of Type 2 Diabetes Mellitus. <b>2005</b> , 31, 106-112	
151	Image_1.TIFF. <b>2019</b> ,	
150	Image_2.TIFF. <b>2019</b> ,	
149	Image_3.TIFF. <b>2019</b> ,	

148 Table\_1.DOCX. **2019**,

147 Table\_2.xlsx. **2019**,

146 Table\_3.xlsx. **2019**,

145 Table\_4.xlsx. **2019**,

144 Table\_5.xlsx. **2019**,

143 Table\_1.docx. **2019**,

142 Data\_Sheet\_1.PDF. **2020**,

141 DataSheet\_1.pdf. **2020**,

140 DataSheet\_2.pdf. **2020**,

139 Data\_Sheet\_1.docx. **2018**,

138 Presentation2.pdf. **2018**,

137 Image\_1.TIF. **2019**,

136 Image\_1.TIF. **2020**,

135 Table\_1.XLSX. **2020**,

134 Table\_2.xlsx. **2020**,

133 Ablation of uncoupling protein 3 affects interrelated factors leading to lipolysis and insulin resistance in visceral white adipose tissue.. **2022**, 36, e22325

132 Effects of Paricalcitol on Body Composition in Vitamin D-Deficient Rats. **2021**, 46, 468-474

131 Adipose Tissue as an Endocrine Organ and a Glance on Local Hormones. **2022**, 349-392

130	Antioxidant Polyphenols of Antirhea borbonica Medicinal Plant and Caffeic Acid Reduce Cerebrovascular, Inflammatory and Metabolic Disorders Aggravated by High-Fat Diet-Induced Obesity in a Mouse Model of Stroke. <b>2022</b> , 11, 858	2
129	Effects of Downhill Running Exercise on Glucose Tolerance and Skeletal Muscle P-AMPK Expression in Type II Diabetes Rats. <b>2022</b> , 24, 49-55	
128	Role of the Steroid Sulfate Uptake Transporter Soat () in Adipose Tissue and 3T3-L1 Adipocytes.. <b>2022</b> , 9, 863912	
127	Adiponectin, May Be a Potential Protective Factor for Obesity-Related Osteoarthritis.. <b>2022</b> , 15, 1305-1319	2
126	Severe aortic stenosis during leptin replacement therapy in a patient with generalized lipodystrophy-associated progeroid syndrome due to a LMNA variant: a case report.. <b>2022</b> ,	0
125	Adiponectin receptors sustain haematopoietic stem cells throughout adulthood by protecting them from inflammation.. <b>2022</b> , 24, 697-707	0
124	Oncostatin M promotes lipolysis in white adipocytes.. <b>2022</b> , 11, 315-324	
123	Do patients with Prader-Willi syndrome have favorable glucose metabolism?. <b>2022</b> , 17, 187	1
122	Immunomodulatory functions of FXR.. <b>2022</b> , 111650	3
121	The Effects of Sex, Menopausal Status, and Glucose Tolerance on Osteocalcin Levels in Endocrinology Outpatients: A Case-Control Study. <b>2021</b> , 5, 337-346	
120	Adipose Tissue Secretion Pattern Influences Cell Wellness in the Transition from Obesity to Type 2 Diabetes. <b>2022</b> , 23, 5522	3
119	Altered Fat Differentiation and Adipocytokine Expression are Inter-Related and Linked to Morphological Changes and Insulin Resistance in HIV-1-Infected Lipodystrophic Patients. <b>2004</b> , 9, 555-564	97
118	Adipocytes Targets and Actors in the Pathogenesis of HIV-Associated Lipodystrophy and Metabolic Alterations. <b>2004</b> , 9, 161-177	76
117	Relationship of Mitochondrial DNA Depletion and Respiratory Chain Activity in Preadipocytes treated with Nucleoside Reverse Transcriptase Inhibitors. <b>2007</b> , 12, 205-216	16
116	Reciprocal Effects of Adipose Tissue Denervation and High Fat Diet on Serum Metabolic Parameters and Adipokine Levels in Rats: A Long Term Study. <b>2022</b> , 58, 410-417	
115	Evaluation of Plasma/Serum Adiponectin (An Anti-Inflammatory Factor) Levels in Adult Patients with Obstructive Sleep Apnea Syndrome: A Systematic Review and Meta-Analysis. <b>2022</b> , 12, 738	1
114	Effects of Short Term Adiponectin Receptor Agonism on Cardiac Function and Energetics in Diabetic db/db Mice. <b>2022</b> , 11, 161	0
113	D-chiro-Inositol Facilitates Adiponectin Biosynthesis and Activates AMPK/PPARs Pathway to Inhibit High-fat Diet-Induced Obesity and Liver Lipid Deposition.	0

- 112 Probiotic Therapy With VSL#3 in Patients With NAFLD: A Randomized Clinical Trial. **2022**, 9, 0
- 111 Distribution of Adiponectin Receptors in the Brain of Adult Mouse: Effect of a Single Dose of the Adiponectin Receptor Agonist, AdipoRON, on Ischemic Stroke. **2022**, 12, 680 0
- 110 Effect of different dry period duration on milk components and serum metabolites, and their associations with the first conception rate in multiparous Holstein dairy cows. **2022**, 25, 274-288
- 109 Exposure to Endocrine-Disrupting Chemicals and Type 2 Diabetes Mellitus in Later Life. 0
- 108 Effect of high-intensity interval training and Aloe vera consumption on serum adiponectin and beta cells function in diabetic male rats. **2021**, 31, 299-306
- 107 Normalization of maternal adiponectin in obese pregnant mice prevents programming of impaired glucose metabolism in adult offspring. **2022**, 36, 0
- 106 Adipose tissue in bone regeneration - stem cell source and beyond. **2022**, 14, 372-392 1
- 105 Testicular ultrastructure and hormonal changes following administration of tenofovir disoproxil fumarate-loaded silver nanoparticle in type-2 diabetic rats. **2022**, 12, 2
- 104 Role of Hypertension and Hyperlipidemia in the Pathogenesis of Dementia. **2022**, 251-272
- 103 Adipokines and coronary artery calcification in incident dialysis participants.
- 102 Obesity-Mediated Immune Modulation: One Step Forward, (Th)2 Steps Back. 13, 2
- 101 The Effects of Smoking on the Diagnostic Characteristics of Metabolic Syndrome: A Review. 155982762211110
- 100 Integration of bioassay and non-target metabolite analysis of tomato reveals that  $\beta$ -carotene and lycopene activate the adiponectin signaling pathway, including AMPK phosphorylation. **2022**, 17, e0267248
- 99 Adiponectin: friend or foe in obesity and inflammation. **2022**,
- 98 The involvement of FATP1 regulating skeletal muscle fat deposition in stressed broilers was affected by fatty acid substrates. 9,
- 97 Juzentaihoto Suppresses Muscle Atrophy in KKAY Mice. **2022**, 45, 888-894 1
- 96 Essential Amino Acids-Rich Diet Decreased Adipose Tissue Storage in Adult Mice: A Preliminary Histopathological Study. **2022**, 14, 2915
- 95 Adipose tissue and ovarian aging: Potential mechanism and protective strategies. **2022**, 80, 101683 1

- 94 Increased growth hormone secretagogue receptor-1a (GHSR-1a) in hypothalamus during olanzapine treatment in rats. **2022**, 144, 105862
- 93 The impact of adipokines on vascular networks in adipose tissue. **2022**, ○
- 92 Trends in insulin resistance: insights into mechanisms and therapeutic strategy. **2022**, 7, 10
- 91 Adiponectin Promotes Glucose-Sensitive Insulin Secretion and Prevents  $\beta$ Cell Damage by Obesity.
- 90 Brown adipose tissue influences adiponectin and thyroid hormone changes during Graves disease therapy. **2022**, 11, 389-400 ○
- 89 Sex difference in human olfactory sensitivity is associated with plasma adiponectin. **2022**, 145, 105235 ○
- 88 New markers in metabolic syndrome. **2022**, ○
- 87 FGF21 controls hepatic lipid metabolism via sex-dependent interorgan crosstalk.
- 86 Adipose tissue dysfunction and visceral fat are associated with hepatic insulin resistance and severity of NASH even in lean individuals. ○
- 85 Inflammation as a link between periodontal disease and obesity. 1
- 84 Linoleate-Rich Safflower Oil Diet Increases Linoleate-Derived Bioactive Lipid Mediators in Plasma, and Brown and White Adipose Depots of Healthy Mice. **2022**, 12, 743 ○
- 83 Circulating osteocalcin is associated with time in range and other metrics assessed by continuous glucose monitoring in type 2 diabetes. **2022**, 14,
- 82 Pancreatic Islets as a Target of Adipokines. 1-27
- 81 The neutral amino acid transporter SLC7A10 in adipose tissue, obesity and insulin resistance. 10, ○
- 80 Adiponectin affects uterine steroidogenesis during early pregnancy and the oestrous cycle: An in vitro study. **2022**, 245, 107067 ○
- 79 Association of serum bisphenol A levels with incident overweight and obesity risk and the mediating effect of adiponectin. **2022**, 308, 136287 ○
- 78 Adiponectin and adiponectin receptors in common carp (*Cyprinus carpio*): Tissue distribution and their expressions in response to high-carbohydrate and high-lipid diets. **2022**, 27, 101341 ○
- 77 Enhancement in the metabolic profile of sea buckthorn juice via fermentation for its better efficacy on attenuating diet-induced metabolic syndrome by targeting gut microbiota. **2022**, 162, 111948 ○

76	A Triterpene Glycoside Fraction, TG from &lt;i&gt;Gymnema sylvestre&lt;/i&gt; Ameliorates Insulin Resistance by Stimulating Glucose Uptake in 3T3L1 Adipocytes and C2C12 Skeletal Muscle Cells. <b>2020</b> , 08, 137-151	1
75	The leptin/adiponectin ratio as prognostic marker for dyslipidemia during 1 year of follow-up in pediatric patients receiving kidney replacement therapy. <b>2022</b> ,	0
74	Globular adiponectin ameliorates insulin resistance in skeletal muscle by enhancing the LKB1-mediated AMPK activation via SESN2. <b>2022</b> ,	0
73	Molecular biomarkers for gestational diabetes mellitus and postpartum diabetes. Publish Ahead of Print,	1
72	Can soy isoflavones in combination with soy protein change serum concentration of adiponectin and resistin? A systematic review and meta-analysis on randomized clinical trials.	0
71	Ginsenoside CK Inhibits the Early Stage of Adipogenesis via the AMPK, MAPK, and AKT Signaling Pathways. <b>2022</b> , 11, 1890	1
70	Metabolic dysfunction-associated fatty liver disease and cardiovascular disease: A meta-analysis. 13,	1
69	Adipokines from white adipose tissue in regulation of whole body energy homeostasis. <b>2022</b> ,	1
68	Transcriptome Meta-Analysis Confirms the Hidradenitis Suppurativa Pathogenic Triad: Upregulated Inflammation, Altered Epithelial Organization, and Dysregulated Metabolic Signaling. <b>2022</b> , 12, 1371	1
67	The correlation between erectile function and adiponectin levels in men with late-onset hypogonadism. <b>2022</b> , 25, 249-254	0
66	An Overview of Appetite Regulation Mechanisms.	0
65	Contribution of Lipid Mediators in Divergent Outcomes following Acute Bacterial and Viral Lung Infections in the Obese Host. <b>2022</b> , 209, 1323-1334	0
64	In vivo study revealed pro-tumorigenic effect of CMTM3 in hepatocellular carcinoma involving the regulation of peroxisome proliferator-activated receptor gamma (PPAR $\gamma$ )	1
63	Impact of High-Density Lipoproteins on Sepsis. <b>2022</b> , 23, 12965	1
62	Circulatory Adipokines and Incretins in Adolescent Idiopathic Scoliosis: A Pilot Study. <b>2022</b> , 9, 1619	0
61	Feeding a High-Fat Diet for a Limited Duration Increases Cancer Incidence in a Breast Cancer Model. 1-13	0
60	Alterations in mouse visceral adipose tissue mRNA expression of islet G-protein-coupled receptor ligands in obesity.	0
59	Peroxisome proliferator-activated receptor gamma and its natural agonists in the treatment of kidney diseases. 13,	0

58	Insight into the hepatoprotective, hypolipidemic, and antidiabetic impacts of aliskiren in streptozotocin-induced diabetic liver disease in mice. <b>2022</b> , 14,	0
57	The importance of caveolin as a target in the prevention and treatment of diabetic cardiomyopathy. 13,	0
56	Dietary restriction, vegetarian diet, and aging intervention. <b>2023</b> , 307-327	0
55	Lipoatrophic diabetes in Familial Partial Lipodystrophy type 2: from insulin resistance to diabetes. <b>2022</b> , 101409	2
54	The Effect of Healthy Lifestyle Strategies on the Management of Insulin Resistance in Children and Adolescents with Obesity: A Narrative Review. <b>2022</b> , 14, 4692	2
53	Mechanistic insights on impact of Adenosine monophosphate-activated protein kinase (AMPK) mediated signalling pathways on cerebral ischemic injury. <b>2022</b> ,	0
52	Arctium lappa Lam. and Its Related Lignans Improve Hyperglycemia and Dyslipidemia in Diabetic Rodent Models: A Systematic Review and Meta-Analysis. <b>2022</b> , 2, 335-349	0
51	Obesity and Chronic Kidney Disease.	2
50	Chicken recombinant adiponectin enhances fatty acid metabolism in oleic acid- and palmitic acid-treated LMH cells. <b>2022</b> , 51,	1
49	Metabolic and proteomic signatures of type 2 diabetes subtypes in an Arab population. <b>2022</b> , 13,	0
48	AM-879, a PPAR $\gamma$ non-agonist and Ser273 phosphorylation blocker, promotes insulin sensitivity without adverse effects in mice. <b>2023</b> , 17, 100221	1
47	Contribution of key elements of nutritional metabolism to the development of cystic ovarian disease in dairy cattle. <b>2023</b> , 197, 209-223	0
46	Effects of empagliflozin on the expression of kisspeptin gene and reproductive system function in streptozotocin-induced diabetic male rats. 13,	0
45	Loss of Visceral Fat is Associated with a Reduction in Inflammatory Status in Patients with Metabolic Syndrome. 2200264	0
44	The Relationship between Serum Adiponectin, Urinary Albumin/Creatinine Ratio and Type 2 Diabetes: A Population-Based Cross-Sectional Study. <b>2022</b> , 11, 7232	0
43	Safety, pharmacokinetics, and pharmacodynamics of pegozafermin in patients with non-alcoholic steatohepatitis: a randomised, double-blind, placebo-controlled, phase 1b/2a multiple-ascending-dose study. <b>2022</b> ,	0
42	Chemotherapy Induced Cardiotoxicity: A State of the Art Review on General Mechanisms, Prevention, Treatment and Recent Advances in Novel Therapeutics. <b>2023</b> , 101591	2
41	Dietary intervention with 2 different fat profiles; role of the rs822393 variant in metabolic parameter changes. <b>2022</b> ,	0



40	Preeclampsia and Obesity: The Preventive Role of Exercise. <b>2023</b> , 20, 1267	0
39	Sonic hedgehog N-terminal level correlates with adiponectin level and insulin resistance in adolescents. <b>2023</b> ,	0
38	Ectopic lipid deposition and insulin resistance in patients with GH disorders before and after treatment. <b>2023</b> , 188,	1
37	Obesity-induced changes in gene expression in feline adipose and skeletal muscle tissue.	0
36	Maternal Diet Influences Human Milk Protein Concentration and Adipose Tissue Marker. <b>2023</b> , 15, 433	0
35	Is low adiponectin concentration linked to the development of type 2 diabetes in Sudan. <b>2022</b> , 10, 29-34	0
34	Adiponectin and Interleukin-33: Possible Early Markers of Metabolic Syndrome. <b>2023</b> , 12, 132	1
33	Combinatory Effect and Modes of Action of Chrysin and Bone Marrow-Derived Mesenchymal Stem Cells on Streptozotocin/Nicotinamide-Induced Diabetic Rats. <b>2023</b> , 16, 34	0
32	The Influence of Shiitake Mushroom ( <i>Lentinus Edodes</i> ) Extract on Dietary and Metabolic Control Hormone. <b>2022</b> , 28, 1225-1231	0
31	Autocrine Effects in White Adipose Tissue and Pancreatic Islets: Emergent Roles in the Regulation of Adipocyte and Pancreatic $\beta$ cell Function. <b>2011</b> , 10-43	0
30	EFEITO DO EXERCÍCIO EM ESTEIRA DE INTENSIDADE MODERADA NO AUMENTO DOS NÍVEIS DE ADIPONECTINA EM PACIENTES COM DIABETES MELLITUS TIPO 2. 29,	0
29	Efficient production of recombinant human adiponectin in egg white using genome edited chickens. 9,	1
28	Chronic Exposure to Low-Molecular-Weight Polycyclic Aromatic Hydrocarbons Promotes Lipid Accumulation and Metabolic Inflammation. <b>2023</b> , 13, 196	0
27	EFFECT OF MODERATE-INTENSITY TREADMILL EXERCISE ON INCREASED ADIPONECTIN LEVELS IN TYPE 2 DIABETES MELLITUS PATIENTS. 29,	0
26	The Role of Adiponectin during Pregnancy and Gestational Diabetes. <b>2023</b> , 13, 301	0
25	Role of adipose tissue remodeling in diabetic heart disease. <b>2023</b> , 217-227	0
24	The Effects of SGLT2 Inhibitors on Liver Cirrhosis Patients with Refractory Ascites: A Literature Review. <b>2023</b> , 12, 2253	0
23	Adiponectin is associated with inflammaging and age-related salivary gland lipid accumulation. <b>2023</b> , 15, 1840-1858	0

- 22 Arbutin ameliorates hyperglycemia, dyslipidemia and oxidative stress and modulates adipocytokines and PPAR $\alpha$  in high-fat diet/streptozotocin-induced diabetic rats. **2023**, 321, 121612 ○
- 21 Evaluation of mulberry leaves hypoglycemic properties and hypoglycemic mechanisms. 14, ○
- 20 The Role of Leptin and Adiponectin in Rheumatoid Arthritis. **2023**, ○
- 19 Effect of hydroxychloroquine on beta cell function, insulin resistance, and inflammatory markers in type 2 diabetes patients uncontrolled on glimepiride and metformin therapy. ○
- 18 Novel targets for potential therapeutic use in Diabetes mellitus. **2023**, 15, ○
- 17 Hepatokines and Adipokines in Metabolic Syndrome. **2023**, 59, 004-012 ○
- 16 Adiponectin can be a good predictor of urodynamic detrusor underactivity: a prospective study in men with lower urinary tract symptoms. ○
- 15 Identification of Putative Molecules for Adiponectin and Adiponectin Receptor and Their Roles in Learning and Memory in *Lymnaea stagnalis*. **2023**, 12, 375 ○
- 14 The associations of adipokines with hypertension in youth with cardiometabolic risk and the mediation role of insulin resistance: The BCAMS study. ○
- 13 Adipokines as predictive factor of cardiac function in pediatric patients with chronic kidney disease. 14, ○
- 12 Pathophysiological Reconstruction of a Tissue-Specific Multiple-Organ On-A-Chip for Type 2 Diabetes Emulation using 3D Cell Printing. 2213649 ○
- 11 Circulating Adiponectin Levels Are Inversely Associated with Mortality and Respiratory Failure in Patients Hospitalized with COVID-19. **2023**, 2023, 1-8 ○
- 10 Association of High Normal Body Weight in Youths With Risk of Hypertension. **2023**, 6, e231987 ○
- 9 Salivary Adiponectin and Albumin Levels on the Gingival Conditions of Patients Undergoing Bariatric Surgery: A Cohort Study. **2023**, 20, 5261 ○
- 8 Potential Protective Function of Adiponectin in Diabetic Retinopathy. ○
- 7 Obesity-Linked PPAR $\delta$  Ser273 Phosphorylation Promotes Beneficial Effects on the Liver, despite Reduced Insulin Sensitivity in Mice. **2023**, 13, 632 ○
- 6 C allele of SCD1 rs7849 (T/C) polymorphism and Susceptibility to Type 2 Diabetes: A pilot study from Bangladesh. ○
- 5 Hormonal regulation of visfatin and adiponectin system in quail muscle cells. **2023**, 281, 111425 ○

- 4 Adiponectin reverses  $\beta$ Cell damage and impaired insulin secretion induced by obesity. ○
- 3 High molecular weight adiponectin as a biomarker of hypertension in children and adolescents with obesity. ○
- 2 Adipokines in glucose and lipid metabolism. **2023**, 12, ○
- 1 Familial partial lipodystrophy type 2 and obesity, two adipose tissue pathologies with different inflammatory profiles. **2023**, 15, ○