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## Mechanisms linking obesity to insulin resistance and type 2 diabetes

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2246	Prolonged treatment of primary hepatocytes with oleate induces insulin resistance through p38 mitogen-activated protein kinase. <b>2007</b> , 282, 14205-12		60
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1639	Genistein ameliorates hyperglycemia in a mouse model of nongenetic type 2 diabetes. <b>2012</b> , 37, 480-8	76
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1635	Ternatin, a cyclic peptide isolated from mushroom, and its derivative suppress hyperglycemia and hepatic fatty acid synthesis in spontaneously diabetic KK-A(y) mice. <b>2012</b> , 427, 299-304	15
1634	Pyrrroloquinoline quinone, a novel protein tyrosine phosphatase 1B inhibitor, activates insulin signaling in C2C12 myotubes and improves impaired glucose tolerance in diabetic KK-A(y) mice. <b>2012</b> , 428, 315-20	34
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1631	Fucoidan from the sporophyll of <i>Undaria pinnatifida</i> suppresses adipocyte differentiation by inhibition of inflammation-related cytokines in 3T3-L1 cells. <b>2012</b> , 32, 439-47	70
1630	TNF $\alpha$ gene knockout differentially affects lipid deposition in liver and skeletal muscle of high-fat-diet mice. <b>2012</b> , 23, 1685-93	26
1629	Identification of YH-GKA, a novel benzamide glucokinase activator as therapeutic candidate for type 2 diabetes mellitus. <b>2012</b> , 35, 2029-33	9

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1623	From signal transduction to signal interpretation: an alternative model for the molecular function of insulin receptor substrates. <b>2012</b> , 118, 148-55	22
1622	Analysis of the endoplasmic reticulum subproteome in the livers of type 2 diabetic mice. <b>2012</b> , 13, 17230-43	4
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1611	Overexpression of Akt1 enhances adipogenesis and leads to lipoma formation in zebrafish. <b>2012</b> , 7, e36474	47

1610	GLP-1 receptor activation inhibits VLDL production and reverses hepatic steatosis by decreasing hepatic lipogenesis in high-fat-fed APOE*3-Leiden mice. <b>2012</b> , 7, e49152	54
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1252	Insulin action in the hypothalamus and dorsal vagal complex. <b>2014</b> , 99, 1104-9	26
1251	Phenylpropenoic acid glucoside augments pancreatic beta cell mass in high-fat diet-fed mice and protects beta cells from ER stress-induced apoptosis. <b>2014</b> , 58, 1980-90	23

1250	Fatty acid profiles reveal toxic responses in adipose tissue of C57BL/6J mice exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin. <b>2014</b> , 6, 8207-8211	5
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1248	Application of solid phase microextraction for quantitation of polyunsaturated fatty acids in biological fluids. <b>2014</b> , 86, 12022-9	34
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1246	Improved acylated ghrelin suppression at 2 years in obese patients with type 2 diabetes: effects of bariatric surgery vs standard medical therapy. <b>2014</b> , 38, 364-70	45
1245	Glial cell line-derived neurotrophic factor protects against high-fat diet-induced obesity. <b>2014</b> , 306, G515-25	23
1244	Mitochondrial dynamics in the central regulation of metabolism. <b>2014</b> , 10, 650-8	101
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1241	Dietary enrichment with alpha-linolenic acid during pregnancy attenuates insulin resistance in adult offspring in mice. <b>2014</b> , 120, 99-111	17
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1235	Safranal, a novel protein tyrosine phosphatase 1B inhibitor, activates insulin signaling in C2C12 myotubes and improves glucose tolerance in diabetic KK-Ay mice. <b>2014</b> , 58, 1177-89	50
1234	Allergen exposure induces adipose tissue inflammation and insulin resistance. <b>2014</b> , 23, 104-12	3
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1231	Deletion of class A scavenger receptor deteriorates obesity-induced insulin resistance in adipose tissue. <b>2014</b> , 63, 562-77	18
1230	Brown and white adipose tissues: intrinsic differences in gene expression and response to cold exposure in mice. <b>2014</b> , 306, E945-64	244
1229	Niclosamide ethanolamine-induced mild mitochondrial uncoupling improves diabetic symptoms in mice. <b>2014</b> , 20, 1263-9	165
1228	Multiplexed microfluidic enzyme assays for simultaneous detection of lipolysis products from adipocytes. <b>2014</b> , 406, 4851-9	21
1227	Anti-obesity effects of gut microbiota are associated with lactic acid bacteria. <b>2014</b> , 98, 1-10	81
1226	Increased DNase I activity in diabetes might be associated with injury of pancreas. <b>2014</b> , 393, 23-32	22
1225	Short-term caraway extract administration improves cardiovascular disease risk markers in streptozotocin-induced diabetic rats: a dose-response study. <b>2014</b> , 11, 30-9	4
1224	Paternally induced transgenerational inheritance of susceptibility to diabetes in mammals. <b>2014</b> , 111, 1873-8	290
1223	Soy Bconglycinin improves glucose uptake in skeletal muscle and ameliorates hepatic insulin resistance in Goto-Kakizaki rats. <b>2014</b> , 34, 160-7	26
1222	Bacterial DNA translocation holds increased insulin resistance and systemic inflammatory levels in morbid obese patients. <b>2014</b> , 99, 2575-83	21
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1220	Norathyriol reverses obesity- and high-fat-diet-induced insulin resistance in mice through inhibition of PTP1B. <b>2014</b> , 57, 2145-54	26
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1217	The Obesity Epidemic: The United States as a Cautionary Tale for the Rest of the World. <b>2014</b> , 1, 82-88	126
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1212	Effects of aldosterone on insulin sensitivity and secretion. <b>2014</b> , 91, 54-60	58
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