

Regulation of HIF-1 α activity in adipose tissue by obesity, insulin, and hypoxia

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Apelin, diabetes, and obesity. <i>Endocrine</i> , 2011, 40, 1-9.	1.1	240
2	Increased Angiogenesis Protects against Adipose Hypoxia and Fibrosis in Metabolic Disease-resistant 11 β -Hydroxysteroid Dehydrogenase Type 1 (HSD1)-deficient Mice. <i>Journal of Biological Chemistry</i> , 2012, 287, 4188-4197.	1.6	82
3	Negative Regulation of Human Growth Hormone Gene Expression by Insulin Is Dependent on Hypoxia-inducible Factor Binding in Primary Non-tumor Pituitary Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 33282-33292.	1.6	15
4	Adipose tissue oxygen tension. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2012, 15, 539-546.	1.3	57
5	Adipose Tissue Inflammation and Adiponectin Resistance in Patients With Advanced Heart Failure. <i>Circulation: Heart Failure</i> , 2012, 5, 340-348.	1.6	86
6	Glycolysis in the control of blood glucose homeostasis. <i>Acta Pharmaceutica Sinica B</i> , 2012, 2, 358-367.	5.7	105
7	Hypoxia and estrogen are functionally equivalent in breast cancer-endothelial cell interdependence. <i>Molecular Cancer</i> , 2012, 11, 80.	7.9	36
8	Early Chronotype and Tissue-Specific Alterations of Circadian Clock Function in Spontaneously Hypertensive Rats. <i>PLoS ONE</i> , 2012, 7, e46951.	1.1	26
9	Hypoxia-inducible factor 1 activation from adipose protein 2-mediated knockout of von hippel-indau gene leads to embryonic lethality. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012, 39, 145-150.	0.9	20
10	Cyclic restricted feeding enhances lipid storage in 3T3-L1 adipocytes. <i>Lipids in Health and Disease</i> , 2013, 12, 76.	1.2	2
11	Modest hypoxia significantly reduces triglyceride content and lipid droplet size in 3T3-L1 adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2013, 440, 43-49.	1.0	26
12	Inflammation during obesity is not all bad: evidence from animal and human studies. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E466-E477.	1.8	126
13	Hypoxia and Adipose Tissue Function and Dysfunction in Obesity. <i>Physiological Reviews</i> , 2013, 93, 1-21.	18.1	658
14	ATF3 plays a role in adipocyte hypoxia-mediated mitochondria dysfunction in obesity. <i>Biochemical and Biophysical Research Communications</i> , 2013, 431, 421-427.	1.0	41
15	Adipose tissue renin-angiotensin-aldosterone system (RAAS) and progression of insulin resistance. <i>Molecular and Cellular Endocrinology</i> , 2013, 378, 1-14.	1.6	73
16	Systems biology of adipose tissue metabolism: regulation of growth, signaling and inflammation. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2013, 5, 425-447.	6.6	32
17	Fat-resident Tregs: an emerging guard protecting from obesity-associated metabolic disorders. <i>Obesity Reviews</i> , 2013, 14, 568-578.	3.1	38
18	Mechanisms of insulin resistance in obesity. <i>Frontiers of Medicine</i> , 2013, 7, 14-24.	1.5	518

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19	Insulin promotes iron uptake in human hepatic cell by regulating transferrin receptor-1 transcription mediated by hypoxia inducible factor-1. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 293-301.	1.8	28
20	Regulation of 11 β -HSD1 expression during adipose tissue expansion by hypoxia through different activities of NF- κ B and HIF-1 α . <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E1035-E1041.	1.8	21
21	Nutrient Restriction and Radiation Therapy for Cancer Treatment: When Less Is More. <i>Oncologist</i> , 2013, 18, 97-103.	1.9	47
22	Adipose Tissue Hypoxia in Regulation of Angiogenesis and Obesity. , 2013, , 247-262.		0
23	Endogenous oxidative stress, but not ER stress, induces hypoxia-independent VEGF ₁₂₀ release through PI3K-dependent pathways in 3T3-L1 adipocytes. <i>Obesity</i> , 2013, 21, 1625-1634.	1.5	15
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27	Regulation of obesity and insulin resistance by hypoxia-inducible factors. <i>Hypoxia (Auckland, N Z)</i> , 2014, 2, 171.	1.9	36
28	A vascular piece in the puzzle of adipose tissue dysfunction: mechanisms and consequences. <i>Archives of Physiology and Biochemistry</i> , 2014, 120, 1-11.	1.0	9
29	Hepatocyte growth factor regulates neovascularization in developing fat pads. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E189-E196.	1.8	4
30	Moderate exercise training provides modest protection against adipose tissue inflammatory gene expression in response to high-fat feeding. <i>Physiological Reports</i> , 2014, 2, e12071.	0.7	48
31	HIF-1 α Expression as a Protective Strategy of HepG2 Cells Against Fatty Acid-Induced Toxicity. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 1147-1158.	1.2	31
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35	NADPH oxidase 4 promotes cardiac microvascular angiogenesis after hypoxia/reoxygenation in vitro. <i>Free Radical Biology and Medicine</i> , 2014, 69, 278-288.	1.3	41
36	Persistent organic pollutants meet adipose tissue hypoxia: does cross-talk contribute to inflammation during obesity?. <i>Obesity Reviews</i> , 2014, 15, 19-28.	3.1	32

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38	Regulation of hepatocyte growth factor expression by NF- κ B and PPAR γ 3 in adipose tissue. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E929-E936.	1.8	16
39	Macrophages and the Regulation of Adipose Tissue Remodeling. <i>Annual Review of Nutrition</i> , 2014, 34, 57-76.	4.3	91
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41	Vascular rarefaction mediates whitening of brown fat in obesity. <i>Journal of Clinical Investigation</i> , 2014, 124, 2099-2112.	3.9	328
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51	Effects of Hyperoxia on Oxygen-Related Inflammation with a Focus on Obesity. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-11.	1.9	26
52	Role of Tissue and Systemic Hypoxia in Obesity and Type 2 Diabetes. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-3.	1.0	16
53	Hypoxia-regulated mechanisms in the pathogenesis of obesity and non-alcoholic fatty liver disease. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3419-3431.	2.4	50
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56	Adipogenesis, lipogenesis and lipolysis is stimulated by mild but not severe hypoxia in 3T3-L1 cells. Biochemical and Biophysical Research Communications, 2016, 478, 727-732.	1.0	26
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62	Increased hypoxia-inducible factor-1 α in striated muscle of tumor-bearing mice. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H1154-H1162.	1.5	13
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85	New Insights into Bioactive Compounds of Traditional Chinese Medicines for Insulin Resistance Based on Signaling Pathways. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900176.	1.0	5
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90	Anti-angiogenic isoform of vascular endothelial growth factor-A in cardiovascular and renal disease. <i>Advances in Clinical Chemistry</i> , 2019, 88, 1-33.	1.8	21

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129	One Special Question to Start with: Can HIF/NFκB be a Target in Inflammation?. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2015, 15, 171-185.	0.6	18
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131	Critical protein GAPDH and its regulatory mechanisms in cancer cells. <i>Cancer Biology and Medicine</i> , 2015, 12, 10-22.	1.4	119
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137	Acanthosis Nigricans and Skin Tags as Markers of Insulin Resistance in Non-Diabetic Obese Individuals. <i>Journal of Evidence Based Medicine and Healthcare</i> , 2020, 7, 270-274.	0.0	0
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139	A novel regulatory mechanism of geniposide for improving glucose homeostasis mediated by circulating RBP4. <i>Phytomedicine</i> , 2022, 95, 153862.	2.3	7
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141	Metabolic reprogramming in the arsenic carcinogenesis. <i>Ecotoxicology and Environmental Safety</i> , 2022, 229, 113098.	2.9	10
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146	Effects of combination of obesity, diabetes, and hypoxia on inflammatory regulating genes and cytokines in rat pancreatic tissues and serum. <i>PeerJ</i> , 0, 10, e13990.	0.9	0

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148	The HIF1 α polymorphism rs2301104 is associated with obesity and obesity-related cytokines in Han Chinese population. <i>Acta Diabetologica</i> , 0, , .	1.2	0
150	Remodeling of white adipose tissue microenvironment against obesity by phytochemicals. <i>Phytotherapy Research</i> , 0, , .	2.8	1
151	Adipocyte-derived extracellular vesicles: bridging the communications between obesity and tumor microenvironment. <i>Discover Oncology</i> , 2023, 14, .	0.8	2
153	Structure-related relationship: Plant-derived antidiabetic compounds. <i>Studies in Natural Products Chemistry</i> , 2023, , 241-295.	0.8	0
158	Obesity and Inflammation. <i>Contemporary Endocrinology</i> , 2023, , 15-53.	0.3	1