

Insulin expression in the brain and pituitary cells of tilapia

Brain Research

1135, 31-40

DOI: [10.1016/j.brainres.2006.12.009](https://doi.org/10.1016/j.brainres.2006.12.009)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Brain insulin, energy and glucose homeostasis; genes, environment and metabolic pathologies. <i>European Journal of Pharmacology</i> , 2008, 585, 38-49.	1.7	170
2	Regulation of brain insulin mRNA by glucose and glucagon-like peptide 1. <i>Biochemical and Biophysical Research Communications</i> , 2008, 376, 694-699.	1.0	28
3	Regulation of insulin gene expression and insulin production in Nile tilapia (<i>Oreochromis niloticus</i>). <i>General and Comparative Endocrinology</i> , 2008, 155, 328-340.	0.8	16
4	Chapter 2 Endocrine Targets of the Hypothalamus and Pituitary. <i>Fish Physiology</i> , 2009, 28, 75-112.	0.2	4
5	Chapter 4 Growth Hormone Regulation in Fish. <i>Fish Physiology</i> , 2009, , 151-195.	0.2	21
6	The glucose-induced synthesis of insulin in liver. <i>Endocrine</i> , 2010, 38, 294-302.	1.1	15
7	Ghrelin affects carbohydrate-glycogen metabolism via insulin inhibition and glucagon stimulation in the zebrafish (<i>Danio rerio</i>) brain. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 156, 190-200.	0.8	55
8	Brain expression of Cre recombinase driven by pancreas-specific promoters. <i>Genesis</i> , 2010, 48, 628-634.	0.8	99
9	Insulin Represses Transcription of the Thyroid Stimulating Hormone β -Subunit Gene through Increased Recruitment of Nuclear Factor I. <i>Journal of Biological Chemistry</i> , 2010, 285, 32003-32011.	1.6	4
10	The Brain-insulin Connection, Metabolic Diseases and Related Pathologies. <i>Research and Perspectives in Alzheimer's Disease</i> , 2010, , 21-42.	0.1	6
11	Diabetes, Insulin and Alzheimer's Disease. <i>Research and Perspectives in Alzheimer's Disease</i> , 2010, , .	0.1	7
12	Comparisons of insulin related parameters in commercial-type chicks: Evidence for insulin resistance in broiler chicks. <i>Physiology and Behavior</i> , 2011, 103, 233-239.	1.0	52
13	New insights into the signaling system and function of insulin in fish. <i>General and Comparative Endocrinology</i> , 2011, 173, 227-247.	0.8	126
14	Intranasal administration of insulin to the brain impacts cognitive function and peripheral metabolism. <i>Diabetes, Obesity and Metabolism</i> , 2012, 14, 214-221.	2.2	115
15	A review of piscine islet xenotransplantation using wild-type tilapia donors and the production of transgenic tilapia expressing a "humanized" tilapia insulin. <i>Xenotransplantation</i> , 2014, 21, 485-495.	1.6	16
16	A practical guide to genetic engineering of pancreatic β -cells in vivo: Getting a grip on RIP and MIP. <i>Islets</i> , 2014, 6, e944439.	0.9	16
17	Differential regulation of the multiple insulin and insulin receptor mRNAs by somatostatin. <i>Molecular and Cellular Endocrinology</i> , 2014, 384, 126-133.	1.6	11
18	Intranasal Neuropeptide Administration To Target the Human Brain in Health and Disease. <i>Molecular Pharmaceutics</i> , 2015, 12, 2767-2780.	2.3	33

#	ARTICLE	IF	CITATIONS
19	Ancestral genomic duplication of the insulin gene in tilapia: An analysis of possible implications for clinical islet xenotransplantation using donor islets from transgenic tilapia expressing a humanized insulin gene. <i>Islets</i> , 2016, 8, e1187352.	0.9	4
20	Wnt3a upregulates brain-derived insulin by increasing NeuroD1 via Wnt/ β -catenin signaling in the hypothalamus. <i>Molecular Brain</i> , 2016, 9, 24.	1.3	25
21	Viral Hormones: Expanding Dimensions in Endocrinology. <i>Endocrinology</i> , 2019, 160, 2165-2179.	1.4	28
22	Hormonal and molecular alterations induced by sub-lethal toxicity of zinc oxide nanoparticles on <i>Oreochromis niloticus</i> . <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1296-1301.	1.8	20
23	Intranasal Insulin for Alzheimer's Disease. <i>CNS Drugs</i> , 2021, 35, 21-37.	2.7	67
24	Molecular investigation of hormonal alterations in <i>Oreochromis niloticus</i> as a bio-marker for long-term exposure to zinc oxide nanoparticles. <i>Journal of Taibah University for Science</i> , 2021, 15, 267-274.	1.1	0
25	Intranasal insulin. <i>Journal of Neuroendocrinology</i> , 2021, 33, e12934.	1.2	44
26	Molecular, Cellular and Physiological Evidences for the Anorexigenic Actions of Nesfatin-1 in Goldfish. <i>PLoS ONE</i> , 2010, 5, e15201.	1.1	95
27	Extra pancreatic synthesis of insulin. <i>Integrative Obesity and Diabetes</i> , 2016, 2, .	0.2	1
28	The insulin gene as an energy homeostasis biomarker in Yangtze sturgeon (<i>Acipenser dabryanus</i>). <i>Fish Physiology and Biochemistry</i> , 2022, 48, 693-705.	0.9	3
29	The Expression of Insulin in the Central Nervous System: What Have We Learned So Far?. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6586.	1.8	3