

# Zinc may be a mediator of leptin production in humans

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Zinc-Induced Hyperleptinemia Relates to the Amelioration of Sucrose-Induced Obesity with Zinc Repletion. <i>Obesity</i> , 2000, 8, 525-529.	4.0	38
2	Postoperative Plasma Leptin Levels in Women Undergoing Suction Lipectomy. <i>Mayo Clinic Proceedings</i> , 2001, 76, 1177-1178.	3.0	5
3	Zinc Status in Athletes. <i>Sports Medicine</i> , 2001, 31, 577-582.	6.5	73
4	Effects of Selected Minerals on Leptin Secretion in Streptozotocin-Induced Hyperglycemic Mice. <i>Experimental Biology and Medicine</i> , 2001, 226, 836-840.	2.4	10
5	Zinc Has an Insulin-Like Effect on Glucose Transport Mediated by Phosphoinositol-3-Kinase and Akt in 3T3-L1 Fibroblasts and Adipocytes. <i>Journal of Nutrition</i> , 2001, 131, 1414-1420.	2.9	229
6	Potential Insulinomimetic Agents of Zinc(II) Complexes with Picolinamide Derivatives: Preparations of Complexes, in Vitro and in Vivo Studies.. <i>Chemical and Pharmaceutical Bulletin</i> , 2002, 50, 337-340.	1.3	24
7	Metallokinetic Study of Zinc in the Blood of Normal Rats Given Insulinomimetic Zinc(II) Complexes and Improvement of Diabetes Mellitus in Type 2 Diabetic GK Rats by their Oral Administration. <i>Drug Metabolism and Pharmacokinetics</i> , 2002, 17, 340-347.	2.2	35
8	Leptin exists in tubuli seminiferi and in seminal plasma. <i>Andrologia</i> , 2002, 34, 227-233.	2.1	66
9	Effects of Zinc Deficiency and Supplementation on the Glycogen Contents of Liver and Plasma Lactate and Leptin Levels of Rats Performing Acute Exercise. <i>Biological Trace Element Research</i> , 2003, 96, 227-236.	3.5	25
10	Effects of oral zinc supplementation on serum leptin levels in Ache males of eastern Paraguay. <i>American Journal of Human Biology</i> , 2003, 15, 681-687.	1.6	15
11	Effects of cyclo (his-pro) plus zinc on glucose metabolism in genetically diabetic obese mice. <i>Diabetes, Obesity and Metabolism</i> , 2003, 5, 317-324.	4.4	28
12	Patterns of food intake and self-selection of macronutrients in rats during short-term deprivation of dietary zinc. <i>Journal of Nutritional Biochemistry</i> , 2003, 14, 232-243.	4.2	19
13	Effects of zink deficiency and supplementation on some hematologic parameters of rats performing acute swimming exercise. <i>Acta Physiologica Hungarica</i> , 2003, 90, 125-132.	0.9	15
14	Relationship Among Levels of Leptin and Zinc, Copper, and Zinc/Copper Ratio in Plasma of Patients with Essential Hypertension and Healthy Normotensive Subjects. <i>Biological Trace Element Research</i> , 2004, 100, 117-124.	3.5	39
15	Relationship between plasma leptin and zinc levels and the effect of insulin and oxidative stress on leptin levels in obese diabetic patients. <i>Journal of Nutritional Biochemistry</i> , 2004, 15, 757-760.	4.2	54
16	Effects of Zinc Deficiency and Supplementation on Plasma Leptin Levels in Rats. <i>Biological Trace Element Research</i> , 2005, 104, 041-046.	3.5	26
17	Changes in Serum Leptin Levels in Strenuous Exercise and Its Relation to Zinc Deficiency in Rats. <i>Biological Trace Element Research</i> , 2005, 106, 247-252.	3.5	2
18	SLC39A14, a LZT protein, is induced in adipogenesis and transports zinc. <i>FEBS Journal</i> , 2005, 272, 1590-1599.	4.7	53

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19	Hyper- or Hypoleptinemia in Subjects with Zinc Deficiency?; Leptin Expression and Food Intake in Acute and Marginal Zinc Deficiency. <i>Journal of Medicinal Food</i> , 2005, 8, 117-119.	1.5	1
20	Population variation and differences in serum leptin independent of adiposity: a comparison of Ache Amerindian men of Paraguay and lean American male distance runners. <i>Nutrition and Metabolism</i> , 2006, 3, 34.	3.0	17
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23	Multinutrient supplement containing ephedra and caffeine causes weight loss and improves metabolic risk factors in obese women: a randomized controlled trial. <i>International Journal of Obesity</i> , 2006, 30, 1545-1556.	3.4	75
24	Marginal zinc deficiency in rats decreases leptin expression independently of food intake and corticotrophin-releasing hormone in relation to food intake. <i>British Journal of Nutrition</i> , 2007, 98, 485-489.	2.3	28
25	Zinc-transporter genes in human visceral and subcutaneous adipocytes: Lean versus obese. <i>Molecular and Cellular Endocrinology</i> , 2007, 264, 68-73.	3.2	76
26	Plasma Zinc, Copper, Leptin, and Body Composition Are Associated in Elite Female Judo Athletes. <i>Biological Trace Element Research</i> , 2007, 115, 23-30.	3.5	19
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28	Insights on zinc regulation of food intake and macronutrient selection. <i>Biological Trace Element Research</i> , 2007, 115, 187-194.	3.5	14
29	Plasma Zinc Concentration, Body Composition and Physical Activity in Obese Preschool Children. <i>Biological Trace Element Research</i> , 2007, 118, 167-174.	3.5	39
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31	Comparison of plasma leptin and zinc levels in elite athletes and sedentary people. <i>Cell Biochemistry and Function</i> , 2008, 26, 655-658.	2.9	18
32	Plasma Leptin, Plasma Zinc, and Plasma Copper Are Associated in Elite Female and Male Judo Athletes. <i>Biological Trace Element Research</i> , 2009, 127, 109-115.	3.5	21
33	Tissue Metallothionein Concentrations in Mice and Humans with Hyperglycemia. <i>Biological Trace Element Research</i> , 2009, 127, 251-256.	3.5	7
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35	Effects of melatonin administration on plasma leptin concentration and adipose tissue leptin secretion in mice. <i>Acta Biologica Hungarica</i> , 2009, 60, 399-407.	0.7	18
36	Short-term weight loss in overweight/obese low-income women improves plasma zinc and metabolic syndrome risk factors. <i>Journal of Trace Elements in Medicine and Biology</i> , 2010, 24, 271-276.	3.0	18

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37	Improved appetite after multi-micronutrient supplementation for six months in HIV-infected South African children. <i>Appetite</i> , 2010, 54, 150-155.	3.7	15
38	The response of serum leptin, cortisol and zinc concentrations to concurrent training. <i>Hormones</i> , 2011, 10, 215-221.	1.9	9
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43	Effects of Zinc on the Content of Chemical Elements in the Liver of Rats during Early Stages of Obesity. <i>Bulletin of Experimental Biology and Medicine</i> , 2013, 156, 196-200.	0.8	1
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46	Effects of glutamine alone or in combination with zinc and vitamin A on growth, intestinal barrier function, stress and satiety-related hormones in Brazilian shantytown children. <i>Clinics</i> , 2014, 69, 225-233.	1.5	19
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48	Biological consequences of zinc deficiency in the pathomechanisms of selected diseases. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 1069-1079.	2.6	127
49	Effects of Zinc Deficiency and Supplementation on Leptin and Leptin Receptor Expression in Pregnant Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2014, 37, 581-587.	1.4	8
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53	Effect of Zinc on the Content of Chemical Elements in the Lung Tissue during Obesity in the Experiment. <i>Bulletin of Experimental Biology and Medicine</i> , 2015, 158, 425-430.	0.8	0
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57	Leptin, NPY, Melatonin and Zinc Levels in Experimental Hypothyroidism and Hyperthyroidism: The Relation to Zinc. Biochemical Genetics, 2017, 55, 223-233.	1.7	14
59	The Effect of Zinc Supplementation on Serum Leptin Levels: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Hormone and Metabolic Research, 2019, 51, 503-510.	1.5	9
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79	Age-Related Variations in Serum Zinc Levels Among Female Patients in Sulaymaniyah, Iraq: Implications for Addressing Zinc Deficiency. Cureus, 2023, , .	0.5	0