

# The role of proopiomelanocortin (POMC) neurones in fe

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Neurophysiology of hunger and satiety. <i>Developmental Disabilities Research Reviews</i> , 2008, 14, 96-104.	2.9	40
2	A single administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin that produces reduced food and water intake induces long-lasting expression of corticotropin-releasing factor, arginine vasopressin, and proopiomelanocortin in rat brain. <i>Toxicology and Applied Pharmacology</i> , 2008, 233, 314-322.	1.3	15
3	Procalcitonin N-Terminal Peptide Causes Catabolic Effects via the Hypothalamus and Prostaglandin-Dependent Pathways. <i>Neuroendocrinology</i> , 2008, 88, 316-326.	1.2	8
4	Hypothalamus transcriptome profile suggests an anorexia-cachexia syndrome in the <i>anx/anx</i> mouse model. <i>Physiological Genomics</i> , 2008, 35, 341-350.	1.0	22
5	The Orexigenic Activity of the Hypothalamic Neuropeptide 26RFa Is Mediated by the Neuropeptide Y and Proopiomelanocortin Neurons of the Arcuate Nucleus. <i>Endocrinology</i> , 2009, 150, 2342-2350.	1.4	58
6	Chapter 9 The Endocrine Regulation of Food Intake. <i>Fish Physiology</i> , 2009, 28, 421-465.	0.2	37
7	Key amino acid residues in the melanocortin-4 receptor for nonpeptide THIQ specific binding and signaling. <i>Regulatory Peptides</i> , 2009, 155, 46-54.	1.9	14
8	Association of the Suckling-Weaning Transition with Development of the Hypothalamic Arcuate Nucleus Neurons in Rat Pups. <i>Experimental Animals</i> , 2009, 58, 61-66.	0.7	5
9	Hypothalamic expression of porcine leptin receptor (LEPR), neuropeptide Y (NPY), and cocaine- and amphetamine-regulated transcript (CART) genes is influenced by LEPR genotype. <i>Mammalian Genome</i> , 2010, 21, 583-591.	1.0	42
10	Apigenin isolated from the seeds of <i>Perilla frutescens</i> britton var <i>crispa</i> (Benth.) inhibits food intake in C57BL/6J mice. <i>Archives of Pharmacal Research</i> , 2010, 33, 1741-1746.	2.7	36
11	Endorphin expression in the mouse retina. <i>Journal of Comparative Neurology</i> , 2010, 518, 3130-3148.	0.9	23
12	Polymorphisms in <i>POMC</i> are not associated with dry matter intake and average daily gain phenotypes in beef cattle. <i>Animal Genetics</i> , 2010, 41, 669-669.	0.6	3
13	Neural control of feeding behavior. <i>Neurology</i> , 2010, 74, 1643-1650.	1.5	42
14	Increased Food Intake Leads to Obesity and Insulin Resistance in the Tg2576 Alzheimer's Disease Mouse Model. <i>Endocrinology</i> , 2010, 151, 1532-1540.	1.4	89
15	FTO and MC4R Gene Variants Are Associated with Obesity in Polycystic Ovary Syndrome. <i>PLoS ONE</i> , 2011, 6, e16390.	1.1	92
16	The Obesogen Hypothesis: A Shift of Focus from the Periphery to the Hypothalamus. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2011, 14, 423-448.	2.9	62
17	Alpha-melanocyte stimulating hormone plays an important role in the regulation of food intake by the central melanocortin system in chicks. <i>Peptides</i> , 2011, 32, 996-1000.	1.2	25
18	Arcuate nucleus of hypothalamus is involved in mediating the satiety effect of electroacupuncture in obese rats. <i>Peptides</i> , 2011, 32, 2394-2399.	1.2	33

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19	Obesity and the skin. <i>British Journal of Dermatology</i> , 2011, 165, 743-750.	1.4	121
20	Increase in dopa-positive melanocytes in the mouse intestine in response to ultraviolet B rays via the eyes. <i>Clinical and Experimental Dermatology</i> , 2011, 36, 52-56.	0.6	3
21	Interleukin-6 Regulates the Expression of Hypothalamic Neuropeptides Involved in Body Weight in a Gender-Dependent Way. <i>Journal of Neuroendocrinology</i> , 2011, 23, 675-686.	1.2	51
22	Inhibition of food intake induced by acute stress in rats is due to satiation effects. <i>Physiology and Behavior</i> , 2011, 104, 675-683.	1.0	60
23	Characterization of two Pro-opiomelanocortin gene variants and their effects on carcass traits in beef cattle. <i>BMC Genetics</i> , 2011, 12, 2.	2.7	9
24	Gene expression patterns in four brain areas associate with quantitative measure of estrous behavior in dairy cows. <i>BMC Genomics</i> , 2011, 12, 200.	1.2	16
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26	Feeding and the Rhodopsin Family G-Protein Coupled Receptors in Nematodes and Arthropods. <i>Frontiers in Endocrinology</i> , 2012, 3, 157.	1.5	32
27	Expression of genes involved in energy homeostasis in the duodenum and liver of Holstein-Friesian and Jersey cows and their F <sub>1</sub> hybrid. <i>Physiological Genomics</i> , 2012, 44, 198-209.	1.0	16
28	Fasting, feasting and the glutamatergic synapse. <i>DMM Disease Models and Mechanisms</i> , 2012, 5, 574-575.	1.2	0
29	Glycolysis in the control of blood glucose homeostasis. <i>Acta Pharmaceutica Sinica B</i> , 2012, 2, 358-367.	5.7	105
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32	Endocannabinoid system and proopiomelanocortin gene expression in peripartal bovine liver in response to prepartal plane of nutrition. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2012, 96, 907-919.	1.0	9
33	Nuclear factor $\kappa$ B (NF- $\kappa$ B) suppresses food intake and energy expenditure in mice by directly activating the Pomc promoter. <i>Diabetologia</i> , 2013, 56, 925-936.	2.9	51
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35	A role for inducible 6-phosphofructo-2-kinase in the control of neuronal glycolysis. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1153-1158.	1.9	8
36	Enhancer turnover and conserved regulatory function in vertebrate evolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20130027.	1.8	31

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37	Obesity, genetics and the skin. <i>Clinical and Experimental Dermatology</i> , 2013, 38, 50-56.	0.6	11
38	Inhibiting neuropeptide Y Y1 receptor modulates melanocortin receptor- and NF- $\kappa$ B-mediated feeding behavior in phenylpropanolamine-treated rats. <i>Hormones and Behavior</i> , 2013, 64, 95-102.	1.0	12
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41	Glutamate and GABA in Appetite Regulation. <i>Frontiers in Endocrinology</i> , 2013, 4, 103.	1.5	94
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43	Is there a critical time window for weight loss intervention?. <i>Nutrition Bulletin</i> , 2013, 38, 215-220.	0.8	0
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46	Obesity vaccines. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 887-895.	1.4	15
47	Central genomic regulation of the expression of oestrous behaviour in dairy cows: a review. <i>Animal</i> , 2014, 8, 754-764.	1.3	15
48	Changes in mRNA expression of arcuate nucleus appetite-regulating peptides during lactation in rats. <i>Journal of Molecular Endocrinology</i> , 2014, 52, 97-109.	1.1	17
49	Anti-ghrelin Therapeutic Vaccine: A Novel Approach for Obesity Treatment. , 2014, , 463-476.		1
50	Melatonin and metabolic regulation: a review. <i>Food and Function</i> , 2014, 5, 2806-2832.	2.1	59
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55	Nicotine enhances modulation of food cue reactivity by leptin and ghrelin in the ventromedial prefrontal cortex. <i>Addiction Biology</i> , 2015, 20, 832-844.	1.4	28

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59	Obestatin partially suppresses ghrelin stimulation of appetite in "high-responders" grass carp, <i>Ctenopharyngodon idellus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2015, 184, 144-149.	0.8	10
60	Cognitive and autonomic determinants of energy homeostasis in obesity. <i>Nature Reviews Endocrinology</i> , 2015, 11, 489-501.	4.3	86
61	Inhibition of opioid systems in the hypothalamus as well as the mesolimbic area suppresses feeding behavior of mice. <i>Neuroscience</i> , 2015, 311, 9-21.	1.1	25
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67	DNA methylation regulates hypothalamic gene expression linking parental diet during pregnancy to the offspring's risk of obesity in <i>Psammomys obesus</i> . <i>International Journal of Obesity</i> , 2016, 40, 1079-1088.	1.6	10
68	Design of cyclized selective melanotropins. <i>Biopolymers</i> , 2016, 106, 876-883.	1.2	15
69	Dysfunction of intraflagellar transport-A causes hyperphagia-induced obesity and metabolic syndrome. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 789-98.	1.2	17
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72	Stress, immunity, and the management of calves. <i>Journal of Dairy Science</i> , 2016, 99, 3199-3216.	1.4	195
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75	17 $\beta$ -Estradiol Alleviates Age-related Metabolic and Inflammatory Dysfunction in Male Mice Without Inducing Feminization. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 3-15.	1.7	91
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82	Convergence between biological, behavioural and genetic determinants of obesity. <i>Nature Reviews Genetics</i> , 2017, 18, 731-748.	7.7	83
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84	Differential expression of appetite-regulating genes in avian models of anorexia and obesity. <i>Journal of Neuroendocrinology</i> , 2017, 29, e12510.	1.2	5
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98	Hypothalamic Ion Channels in Hypertension. <i>Current Hypertension Reports</i> , 2018, 20, 14.	1.5	6
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106	Influences of maternal nutrient restriction and arginine supplementation on visceral metabolism and hypothalamic circuitry of offspring. <i>Domestic Animal Endocrinology</i> , 2018, 65, 71-79.	0.8	9
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111	Neuromodulation of metabolic functions: from pharmaceuticals to bioelectronics to biocircuits. <i>Journal of Biological Engineering</i> , 2019, 13, 67.	2.0	8
112	A Narrative Review of Cancer-Related Fatigue (CRF) and Its Possible Pathogenesis. <i>Cells</i> , 2019, 8, 738.	1.8	136
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114	Corticotropic axis. , 2019, , 61-88.		0
115	Epigenetics: At the Crossroads Between Genetic and Environmental Determinants of Disease. , 2019, , 105-128.		0
116	Diet-induced hypothalamic dysfunction and metabolic disease, and the therapeutic potential of polyphenols. <i>Molecular Metabolism</i> , 2019, 27, 1-10.	3.0	34
117	Skin changes in the obese patient. <i>Journal of the American Academy of Dermatology</i> , 2019, 81, 1037-1057.	0.6	87
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123	GABAergic Inputs to POMC Neurons Originating from the Dorsomedial Hypothalamus Are Regulated by Energy State. <i>Journal of Neuroscience</i> , 2019, 39, 6449-6459.	1.7	26
124	Dietary Branched-Chain Amino Acids Regulate Food Intake Partly through Intestinal and Hypothalamic Amino Acid Receptors in Piglets. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6809-6818.	2.4	19
125	Role of SOCS3 in POMC neurons in metabolic and cardiovascular regulation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 316, R338-R351.	0.9	11
126	Neuropeptide PEN and Its Receptor GPR83: Distribution, Signaling, and Regulation. <i>ACS Chemical Neuroscience</i> , 2019, 10, 1884-1891.	1.7	13
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129	Gender-related issues in the pharmacology of new anti-obesity drugs. <i>Obesity Reviews</i> , 2019, 20, 375-384.	3.1	28
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131	Design, synthesis, biological evaluation and molecular modelling studies of indole glyoxylamides as a new class of potential pancreatic lipase inhibitors. <i>Bioorganic Chemistry</i> , 2019, 85, 373-381.	2.0	22
132	Genetics and epigenetics in obesity. <i>Metabolism: Clinical and Experimental</i> , 2019, 92, 37-50.	1.5	230
133	Leptin regulates neuropeptides associated with food intake and GnRH secretion. <i>Annales D'Endocrinologie</i> , 2019, 80, 38-46.	0.6	34
134	Dietary lipids with potential to affect satiety: Mechanisms and evidence. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 1619-1644.	5.4	43
135	The Gut-Liver Axis in the Control of Energy Metabolism and Food Intake in Animals. <i>Annual Review of Animal Biosciences</i> , 2020, 8, 295-319.	3.6	64
136	Current and emerging therapies for managing hyperphagia and obesity in Prader-Willi syndrome: A narrative review. <i>Obesity Reviews</i> , 2020, 21, e12992.	3.1	56
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138	Anorexic action of fusarenon-x in the hypothalamus and intestine. <i>Toxicon</i> , 2020, 187, 57-64.	0.8	1
139	Prevalence of obesity among U.S. population with substance dependence. <i>Drug and Alcohol Dependence</i> , 2020, 217, 108293.	1.6	2
140	Impact of Genetic Variations and Epigenetic Mechanisms on the Risk of Obesity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9035.	1.8	20
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143	Design, synthesis, evaluation, and molecular modeling studies of indolyl oxoacetamides as potential pancreatic lipase inhibitors. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000048.	2.1	7
144	Role of Somatostatin in the Regulation of Central and Peripheral Factors of Satiety and Obesity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2568.	1.8	30
145	Targeting Janus Kinases and Signal Transducer and Activator of Transcription 3 to Treat Inflammation, Fibrosis, and Cancer: Rationale, Progress, and Caution. <i>Pharmacological Reviews</i> , 2020, 72, 486-526.	7.1	174

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146	The anorexigenic effect of adrenomedullin in Japanese quail ( <i>Coturnix japonica</i> ) involves increased proopiomelanocortin and cocaine- and amphetamine-regulated transcript mRNAs in the arcuate nucleus of the hypothalamus. <i>Domestic Animal Endocrinology</i> , 2021, 74, 106465.	0.8	2
147	The Role of Ventromedial Hypothalamus Receptors in the Central Regulation of Food Intake. <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 689-702.	0.9	14
148	Flavonoids as antiobesity agents: A review. <i>Medicinal Research Reviews</i> , 2021, 41, 556-585.	5.0	81
149	Polycystic Ovary Syndrome and Brain: An Update on Structural and Functional Studies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e430-e441.	1.8	11
150	ADAR1 deficiency protects against high-fat diet-induced obesity and insulin resistance in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E131-E138.	1.8	3
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