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The ER α -PI3K Cascade in Proopiomelanocortin Progenitor Neurons Regulates Feeding and Glucose Balance in Female Mice

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#	Paper	IF	Citations
30	PI3K signaling: A molecular pathway associated with acute hypophagic response during inflammatory challenges. <i>Molecular and Cellular Endocrinology</i> , 2016 , 438, 36-41	4.4	5
29	Hypothalamic Vitamin D Improves Glucose Homeostasis and Reduces Weight. <i>Diabetes</i> , 2016 , 65, 2732-41.	41.9	28
28	Sex differences in obesity development in pair-fed neuronal lipoprotein lipase deficient mice. <i>Molecular Metabolism</i> , 2016 , 5, 1025-1032	8.8	3
27	Sex differences in cannabinoid-regulated biology: A focus on energy homeostasis. <i>Frontiers in Neuroendocrinology</i> , 2016 , 40, 101-9	8.9	30
26	Melanocortin 4 receptor is not required for estrogenic regulations on energy homeostasis and reproduction. <i>Metabolism: Clinical and Experimental</i> , 2017 , 70, 152-159	12.7	8
25	Sex Hormones and Cardiometabolic Health: Role of Estrogen and Estrogen Receptors. <i>Endocrinology</i> , 2017 , 158, 1095-1105	4.8	56
24	Estradiol effects on hypothalamic AMPK and BAT thermogenesis: A gateway for obesity treatment?. <i>Pharmacology & Therapeutics</i> , 2017 , 178, 109-122	13.9	36
23	Brain Estrogens and Feeding Behavior. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 1043, 337-357	35.7	1
22	TAp63 contributes to sexual dimorphism in POMC neuron functions and energy homeostasis. <i>Nature Communications</i> , 2018 , 9, 1544	17.4	32
21	Estradiol Protects Proopiomelanocortin Neurons Against Insulin Resistance. <i>Endocrinology</i> , 2018 , 159, 647-664	4.8	35
20	High-Fat Feeding Improves Anxiety-Type Behavior Induced by Ovariectomy in Rats. <i>Frontiers in Neuroscience</i> , 2018 , 12, 557	5.1	20
19	Hypothalamic Proopiomelanocortin Is Necessary for Normal Glucose Homeostasis in Female Mice. <i>Frontiers in Endocrinology</i> , 2018 , 9, 554	5.7	1
18	Central regulation of energy metabolism by estrogens. <i>Molecular Metabolism</i> , 2018 , 15, 104-115	8.8	48
17	Emerging Roles of Estrogen-Related Receptors in the Brain: Potential Interactions with Estrogen Signaling. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	29
16	Estrogen Improves Insulin Sensitivity and Suppresses Gluconeogenesis via the Transcription Factor Foxo1. <i>Diabetes</i> , 2019 , 68, 291-304	0.9	69
15	Loss of Nuclear and Membrane Estrogen Receptor-Differentially Impairs Insulin Secretion and Action in Male and Female Mice. <i>Diabetes</i> , 2019 , 68, 490-501	0.9	24
14	17Estradiol promotes acute refeeding in hungry mice via membrane-initiated ER signaling. <i>Molecular Metabolism</i> , 2020 , 42, 101053	8.8	11

13	Vitamin D actions in neurons require the PI3K pathway for both enhancing insulin signaling and rapid depolarizing effects. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020 , 200, 105690	5.1	4
12	Estradiol Protects Hypothalamic Neurons Against Insulin Resistance. 2021 , 159-166		
11	Insulin actions on hypothalamic glucose-sensing neurones. <i>Journal of Neuroendocrinology</i> , 2021 , 33, e12937	3.7	3
10	Hypothalamic perineuronal nets are regulated by sex and dietary interventions.		
9	Hypothalamic Perineuronal Nets Are Regulated by Sex and Dietary Interventions. <i>Frontiers in Physiology</i> , 2021 , 12, 714104	4.6	0
8	Brain nuclear receptors and body weight regulation. <i>Journal of Clinical Investigation</i> , 2017 , 127, 1172-1180	5.9	13
7	Mechanisms for Sex Differences in Energy Homeostasis. <i>Journal of Molecular Endocrinology</i> , 2019 , 62, R129-R143	4.5	28
6	Combined virgin coconut oil and tocotrienol-rich fraction protects against bone loss in osteoporotic rat model. <i>Veterinary World</i> , 2019 , 12, 2052-2060	1.7	1
5	Hypothalamic steroid receptor coactivator-2 regulates adaptations to fasting and overnutrition. <i>Cell Reports</i> , 2021 , 37, 110075	10.6	0
4	Hypothalamic Estrogen Signaling and Adipose Tissue Metabolism in Energy Homeostasis. <i>Frontiers in Endocrinology</i> , 13,	5.7	0
3	Arsenic Induces GSK3 β -dependent p-tau, neuronal apoptosis and cognitive impairment via an interdependent hippocampal ER α and IL-1/IL-1R1 mechanism in female rats.		0
2	Short-term high-fat diet alters the mouse brain magnetic resonance imaging parameters consistently with neuroinflammation on males and metabolic rearrangements on females. A pre-clinical study with an optimized selection of linear mixed-effects models. 16,		0
1	Estrogen Receptor Alpha Splice Variants, Post-Translational Modifications, and Their Physiological Functions. 2023 , 12, 895		0