

Nutritional n-3 polyunsaturated fatty acids deficiency and its effect on the
signaling pathway in the brain and associated anxiety-like behavior

Journal of Physiology and Biochemistry

68, 671-681

DOI: [10.1007/s13105-012-0179-6](https://doi.org/10.1007/s13105-012-0179-6)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Effect of dietary fat type on anxiety-like and depression-like behavior in mice. SpringerPlus, 2013, 2, 165.	1.2	40
2	Omega-3 PUFA supplementation differentially affects behavior and cognition in the young and aged non-human primate Grey mouse lemur (<i>Microcebus murinus</i>). OCL - Oilseeds and Fats, Crops and Lipids, 2014, 21, A104.	0.6	1
3	Adolescent Behavior and Dopamine Availability Are Uniquely Sensitive to Dietary Omega-3 Fatty Acid Deficiency. Biological Psychiatry, 2014, 75, 38-46.	0.7	88
4	Nutritional n-3 PUFAs deficiency during perinatal periods alters brain innate immune system and neuronal plasticity-associated genes. Brain, Behavior, and Immunity, 2014, 41, 22-31.	2.0	119
5	Endocannabinoid signaling and its regulation by nutrients. BioFactors, 2014, 40, 373-380.	2.6	37
6	Polyunsaturated fatty acids and their metabolites in brain function and disease. Nature Reviews Neuroscience, 2014, 15, 771-785.	4.9	1,040
7	Food for thought: Dietary changes in essential fatty acid ratios and the increase in autism spectrum disorders. Neuroscience and Biobehavioral Reviews, 2014, 45, 369-378.	2.9	53
8	Nutritional omega-3 modulates neuronal morphology in the prefrontal cortex along with depression-related behaviour through corticosterone secretion. Translational Psychiatry, 2014, 4, e437-e437.	2.4	100
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10	Modulation of Fear Memory by Dietary Polyunsaturated Fatty Acids via Cannabinoid Receptors. Neuropsychopharmacology, 2014, 39, 1852-1860.	2.8	33
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13	Dietary n-3 PUFAs Deficiency Increases Vulnerability to Inflammation-Induced Spatial Memory Impairment. Neuropsychopharmacology, 2015, 40, 2774-2787.	2.8	79
14	Dietary Linoleic and \pm -Linolenic Acids Affect Anxiety-Related Responses and Exploratory Activity in Growing Pigs. Journal of Nutrition, 2015, 145, 358-364.	1.3	14
15	Transgenic Increase in n-3/n-6 Fatty Acid Ratio Protects Against Cognitive Deficits Induced by an Immune Challenge through Decrease of Neuroinflammation. Neuropsychopharmacology, 2015, 40, 525-536.	2.8	74
16	Maternal Malnutrition in the Etiopathogenesis of Psychiatric Diseases: Role of Polyunsaturated Fatty Acids. Brain Sciences, 2016, 6, 24.	1.1	28
17	Dietary Omega-6/Omega-3 and Endocannabinoids: Implications for Brain Health and Diseases. , 2016, , .		7
18	Nutritional Omega-3 Deficiency Alters Glucocorticoid Receptor-Signaling Pathway and Neuronal Morphology in Regionally Distinct Brain Structures Associated with Emotional Deficits. Neural Plasticity, 2016, 2016, 1-9.	1.0	20
19	Neuroinflammation in Autism: Plausible Role of Maternal Inflammation, Dietary Omega 3, and Microbiota. Neural Plasticity, 2016, 2016, 1-15.	1.0	88

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20	Exposure to a Highly Caloric Palatable Diet During Pregestational and Gestational Periods Affects Hypothalamic and Hippocampal Endocannabinoid Levels at Birth and Induces Adiposity and Anxiety-Like Behaviors in Male Rat Offspring. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 9, 339.	1.0	25
21	Modulation of Long-Term Potentiation of Cortico-Amygdala Synaptic Responses and Auditory Fear Memory by Dietary Polyunsaturated Fatty Acid. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 164.	1.0	13
22	Impact of <i>Lactobacillus fermentum</i> and dairy lipids in the maternal diet on the fatty acid composition of pups' brain and peripheral tissues. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016, 115, 24-34.	1.0	3
23	Dairy fat blend improves brain DHA and neuroplasticity and regulates corticosterone in mice. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016, 109, 29-38.	1.0	22
24	N-3 Polyunsaturated Fatty Acids through the Lifespan: Implication for Psychopathology. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw078.	1.0	51
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29	Dietary docosahexaenoic acid alleviates autistic-like behaviors resulting from maternal immune activation in mice. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016, 106, 27-37.	1.0	40
30	Nutritional n-3 PUFA Deficiency Abolishes Endocannabinoid Gating of Hippocampal Long-Term Potentiation. <i>Cerebral Cortex</i> , 2017, 27, bhw052.	1.6	49
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35	Interplay Between n-3 and n-6 Long-Chain Polyunsaturated Fatty Acids and the Endocannabinoid System in Brain Protection and Repair. <i>Lipids</i> , 2017, 52, 885-900.	0.7	62
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37	Linoleic acid causes greater weight gain than saturated fat without hypothalamic inflammation in the male mouse. <i>Journal of Nutritional Biochemistry</i> , 2017, 40, 122-131.	1.9	19
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50	Food for Mood: Relevance of Nutritional Omega-3 Fatty Acids for Depression and Anxiety. <i>Frontiers in Physiology</i> , 2018, 9, 1047.	1.3	97
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60	Characterization and modulation of brain lipids content of rainbow trout fed with 100% plant based diet rich in omega-3 long chain polyunsaturated fatty acids DHA and EPA. <i>Biochimie</i> , 2020, 178, 137-147.	1.3	10
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