

Targeted disruption of serine racemase affects glutamate behavior

Molecular Psychiatry

14, 719-727

DOI: [10.1038/mp.2008.130](https://doi.org/10.1038/mp.2008.130)

Citation Report

#	ARTICLE	IF	CITATIONS
1	NR1 knockdown mice as a representative model of the glutamate hypothesis of schizophrenia. <i>Progress in Brain Research</i> , 2009, 179, 51-58.	0.9	38
2	Novel Therapies for Schizophrenia: Understanding the Glutamatergic Synapse and Potential Targets for Altering N-methyl-D-aspartate Neurotransmission. <i>Recent Patents on CNS Drug Discovery</i> , 2009, 4, 220-238.	0.9	12
3	Glutamatergic regulation of serine racemase via reversal of PIP2 inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2921-2926.	3.3	60
4	Serine racemase is associated with schizophrenia susceptibility in humans and in a mouse model. <i>Human Molecular Genetics</i> , 2009, 18, 3227-3243.	1.4	160
5	Phenotypic characterization of mice heterozygous for a null mutation of glutamate carboxypeptidase II. <i>Synapse</i> , 2009, 63, 625-635.	0.6	25
6	Mice mutant for genes associated with schizophrenia: Common phenotype or distinct endophenotypes?. <i>Behavioural Brain Research</i> , 2009, 204, 258-273.	1.2	54
7	ENU-induced mutant mice for a next-generation gene-targeting system. <i>Progress in Brain Research</i> , 2009, 179, 29-34.	0.9	4
8	ENU-Based Gene-Driven Mutagenesis in the Mouse: A Next-Generation Gene-Targeting System. <i>Experimental Animals</i> , 2010, 59, 537-548.	0.7	32
9	Metabolism of the neuromodulator d-serine. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 2387-2404.	2.4	106
10	Phosphorylation of mouse serine racemase regulates d-serine synthesis. <i>FEBS Letters</i> , 2010, 584, 2937-2941.	1.3	35
11	D-serine is distributed in neurons in the brain of the sea lamprey. <i>Journal of Comparative Neurology</i> , 2010, 518, 1688-1710.	0.9	8
12	Serine Racemase Knockout Mice. <i>Chemistry and Biodiversity</i> , 2010, 7, 1573-1578.	1.0	28
13	The involvement of the NMDA receptor d-serine/glycine site in the pathophysiology and treatment of schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 351-372.	2.9	111
14	The Glycerophospho Metabolome and Its Influence on Amino Acid Homeostasis Revealed by Brain Metabolomics of GDE1(Δ/Δ) Mice. <i>Chemistry and Biology</i> , 2010, 17, 831-840.	6.2	34
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16	AMPA receptor mediated d-serine release from retinal glial cells. <i>Journal of Neurochemistry</i> , 2010, 115, 1681-1689.	2.1	29
17	The neurobiology of D-amino acid oxidase and its involvement in schizophrenia. <i>Molecular Psychiatry</i> , 2010, 15, 122-137.	4.1	144
18	The Structure of Mammalian Serine Racemase. <i>Journal of Biological Chemistry</i> , 2010, 285, 12873-12881.	1.6	76

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19	Neuronal release of D-serine: a physiological pathway controlling extracellular D-serine concentration. <i>FASEB Journal</i> , 2010, 24, 2951-2961.	0.2	113
20	Brain-specific Phgdh Deletion Reveals a Pivotal Role for l-Serine Biosynthesis in Controlling the Level of d-Serine, an N-methyl-d-aspartate Receptor Co-agonist, in Adult Brain. <i>Journal of Biological Chemistry</i> , 2010, 285, 41380-41390.	1.6	110
21	Serine Racemase Deletion Protects Against Cerebral Ischemia and Excitotoxicity. <i>Journal of Neuroscience</i> , 2010, 30, 1413-1416.	1.7	91
22	Advancing a functional genomics for schizophrenia: Psychopathological and cognitive phenotypes in mutants with gene disruption. <i>Brain Research Bulletin</i> , 2010, 83, 162-176.	1.4	31
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35	Serine racemase deletion disrupts memory for order and alters cortical dendritic morphology. <i>Genes, Brain and Behavior</i> , 2011, 10, 210-222.	1.1	103
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38	Glutamate receptor composition of the post-synaptic density is altered in genetic mouse models of NMDA receptor hypo- and hyperfunction. <i>Brain Research</i> , 2011, 1392, 1-7.	1.1	32
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111	Time and space profiling of <scpd>NMDA</scpd> receptor coâ€agonist functions. Journal of Neurochemistry, 2015, 135, 210-225.	2.1	72
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145	d-Aspartate, an Atypical Amino Acid with NMDA Receptor Agonist Features: Involvement in Schizophrenia. , 2017, , 83-101.		1
146	Heterogeneity of D-Serine Distribution in the Human Central Nervous System. <i>ASN Neuro</i> , 2017, 9, 175909141771390.	1.5	28

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