Hippocampal and cortical growth-associated protein-43 messenger RNA in schizophrenia

DOI: 10.1016/s0306-4522(98)00040-2
Neuroscience, 1998, 86, 437-48.

#	Paper	IF	Citations
68	Potential therapeutic targets for schizophrenia. *Expert Opinion on Therapeutic Targets*, **1999**, 3, 571-586		1
67	The neuropathology of schizophrenia. A critical review of the data and their interpretation. *Brain*, **1999**, 122 (Pt 4), 593-624	11.2	1400
66	Synaptic and plasticity-associated proteins in anterior frontal cortex in severe mental illness. *Neuroscience*, **1999**, 91, 1247-55	3.9	204
65	Detection and quantification of hippocampal synaptophysin messenger RNA in schizophrenia using autoclaved, formalin-fixed, paraffin wax-embedded sections. *Neuroscience*, **1999**, 93, 99-106	3.9	54
64	Synaptophysin gene expression in schizophrenia. Investigation of synaptic pathology in the cerebral cortex. *British Journal of Psychiatry*, **2000**, 176, 236-42	5.4	81
63	High-resolution quantification of specific mRNA levels in human brain autopsies and biopsies. *Genome Research*, **2000**, 10, 1219-29	9.7	62
62	Evidence for the involvement of the hippocampus in the pathophysiology of schizophrenia. *European Neuropsychopharmacology*, **2000**, 10, 389-95	1.2	57
61	Normal cellular levels of synaptophysin mRNA expression in the prefrontal cortex of subjects with schizophrenia. *Biological Psychiatry*, **2000**, 48, 389-97	7.9	59
60	Synaptophysin and GAP-43 mRNA levels in the hippocampus of subjects with schizophrenia. *Schizophrenia Research*, **2001**, 49, 89-98	3.6	49
59	Synaptic pathology in the anterior cingulate cortex in schizophrenia and mood disorders. A review and a Western blot study of synaptophysin, GAP-43 and the complexins. *Brain Research Bulletin*, **2001**, 55, 569-78	3.9	229
58	DNA microarrays in neuropsychopharmacology. *Trends in Pharmacological Sciences*, **2001**, 22, 426-36	13.2	32
57	Astroglial function of schizophrenic brain: a study using lobotomized brain. *NeuroReport*, **2001**, 12, 1457-60	1.7	10
56	Impaired P600 in neuroleptic naive patients with first-episode schizophrenia. *NeuroReport*, **2001**, 12, 2801-6	1.7	6
55	Challenges, status, and opportunities for studying developmental neuropathology in adult schizophrenia. *Schizophrenia Bulletin*, **2001**, 27, 395-416	1.3	36
54	Neuropathological studies of synaptic connectivity in the hippocampal formation in schizophrenia. *Hippocampus*, **2001**, 11, 508-19	3.5	186
53	Hippocampus as comparator: role of the two input and two output systems of the hippocampus in selection and registration of information. *Hippocampus*, **2001**, 11, 578-98	3.5	396
52	Reduced GAP-43 mRNA in dorsolateral prefrontal cortex of patients with schizophrenia. *Cerebral Cortex*, **2001**, 11, 136-47	5.1	49

51	Northern blot and in situ hybridization analyses of MARCKS mRNA expression in the cerebral cortex of the macaque monkey. *Cerebral Cortex*, **2002**, 12, 552-64	5.1	16
50	Gene expression profile for schizophrenia: discrete neuron transcription patterns in the entorhinal cortex. *Archives of General Psychiatry*, **2002**, 59, 631-40		210
49	GSK-3 and the neurodevelopmental hypothesis of schizophrenia. *European Neuropsychopharmacology*, **2002**, 12, 13-25	1.2	112
48	Effects of reversible inactivation of the neonatal ventral hippocampus on behavior in the adult rat. *Journal of Neuroscience*, **2002**, 22, 2835-42	6.6	114
47	Glucocorticoid hormones and early brain development in schizophrenia. *Neuropsychopharmacology*, **2002**, 27, 309-18	8.7	161
46	Regional specificity of brain glucocorticoid receptor mRNA alterations in subjects with schizophrenia and mood disorders. *Molecular Psychiatry*, **2002**, 7, 985-94, 924	15.1	327
45	A neurodevelopmental model of schizophrenia: neonatal disconnection of the hippocampus. *Neurotoxicity Research*, **2002**, 4, 469-475	4.3	124
44	Schizophrenia: from phenomenology to neurobiology. *Neuroscience and Biobehavioral Reviews*, **2003**, 27, 269-306	9	202
43	The axonal chemorepellant semaphorin 3A is increased in the cerebellum in schizophrenia and may contribute to its synaptic pathology. *Molecular Psychiatry*, **2003**, 8, 148-55	15.1	115
42	Presynaptic proteins in the prefrontal cortex of patients with schizophrenia and rats with abnormal prefrontal development. *Molecular Psychiatry*, **2003**, 8, 797-810	15.1	104
41	Interstitial white matter neurons express less reelin and are abnormally distributed in schizophrenia: towards an integration of molecular and morphologic aspects of the neurodevelopmental hypothesis. *Molecular Psychiatry*, **2003**, 8, 821-831	15.1	166
40	Calcium signaling dysfunction in schizophrenia: a unifying approach. *Brain Research Reviews*, **2003**, 43, 70-84		116
39	The hippocampus in schizophrenia: a review of the neuropathological evidence and its pathophysiological implications. *Psychopharmacology*, **2004**, 174, 151-62	4.7	510
38	Neuroplasticity and schizophrenia. *Biological Psychiatry*, **2004**, 56, 540-3	7.9	41
37	The synaptic pathology of schizophrenia: is aberrant neurodevelopment and plasticity to blame?. *International Review of Neurobiology*, **2004**, 59, 47-72	4.4	57
36	Lateral interactions in the visual cortex of patients with schizophrenia and bipolar disorder. *Psychological Medicine*, **2005**, 35, 1043-51	6.9	41
35	Growth-associated protein 43 (GAP-43) and synaptophysin alterations in the dentate gyrus of patients with schizophrenia. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2005**, 29, 283-90	5.5	46
34	Decreased expression of vesicular glutamate transporter 1 and complexin II mRNAs in schizophrenia: further evidence for a synaptic pathology affecting glutamate neurons. *Schizophrenia Research*, **2005**, 73, 159-72	3.6	154

33	Hippocampal synapsin I, growth-associated protein-43, and microtubule-associated protein-2 immunoreactivity in learned helplessness rats and antidepressant-treated rats. *Neuroscience*, **2006**, 141, 1301-13	3.9	45
32	Cellular and molecular neuropathology of the parahippocampal region in schizophrenia. *Annals of the New York Academy of Sciences*, **2000**, 911, 275-92	6.5	79
31	Stress, the hippocampus and the hypothalamic-pituitary-adrenal axis: implications for the development of psychotic disorders. *Australian and New Zealand Journal of Psychiatry*, **2006**, 40, 725-41	2.6	151
30	Understanding Gender Differences in Schizophrenia: A Review of the Literature. *Current Psychiatry Reviews*, **2006**, 2, 255-265	0.9	13
29	Altered expression of synaptic protein mRNAs in STOP (MAP6) mutant mice. *Journal of Psychopharmacology*, **2007**, 21, 635-44	4.6	33
28	Immunoreactivity of 43 kDa growth-associated protein is decreased in post mortem hippocampus of bipolar disorder and schizophrenia. *Neuroscience Letters*, **2007**, 411, 123-7	3.3	33
27	Coordinated expression of HuD and GAP-43 in hippocampal dentate granule cells during developmental and adult plasticity. *Neurochemical Research*, **2007**, 32, 2142-51	4.6	27
26	Early parental deprivation in the marmoset monkey produces long-term changes in hippocampal expression of genes involved in synaptic plasticity and implicated in mood disorder. *Neuropsychopharmacology*, **2009**, 34, 1381-94	8.7	62
25	Proteomic analysis of membrane microdomain-associated proteins in the dorsolateral prefrontal cortex in schizophrenia and bipolar disorder reveals alterations in LAMP, STXBP1 and BASP1 protein expression. *Molecular Psychiatry*, **2009**, 14, 601-13	15.1	136
24	The neonatal ventral hippocampal lesion as a heuristic neurodevelopmental model of schizophrenia. *Behavioural Brain Research*, **2009**, 204, 295-305	3.4	264
23	Neurodegeneration in schizophrenia. *Expert Review of Neurotherapeutics*, **2010**, 10, 1131-41	4.3	28
22	Repeated restraint stress and corticosterone injections during late pregnancy alter GAP-43 expression in the hippocampus and prefrontal cortex of rat pups. *International Journal of Developmental Neuroscience*, **2010**, 28, 83-90	2.7	29
21	Lack of change in markers of presynaptic terminal abundance alongside subtle reductions in markers of presynaptic terminal plasticity in prefrontal cortex of schizophrenia patients. *Biological Psychiatry*, **2011**, 69, 71-9	7.9	38
20	Schizophrenia: susceptibility genes, dendritic-spine pathology and gray matter loss. *Progress in Neurobiology*, **2011**, 95, 275-300	10.9	85
19	Neuropathology of Schizophrenia. **2011**, 372-392		4
18	The methylazoxymethanol acetate (MAM-E17) rat model: molecular and functional effects in the hippocampus. *Neuropsychopharmacology*, **2012**, 37, 364-77	8.7	45
17	Genetic and functional analysis of the gene encoding GAP-43 in schizophrenia. *Schizophrenia Research*, **2012**, 134, 239-45	3.6	7
16	Schizophrenia as a neuronal synaptic disorder related to multiple rare genetic mutations. *Tzu Chi Medical Journal*, **2012**, 24, 39-42	1.1	

15	The novel caspase-3 substrate Gap43 is involved in AMPA receptor endocytosis and long-term depression. *Molecular and Cellular Proteomics*, **2013**, 12, 3719-31	7.6	37
14	Perinatal complications and schizophrenia: involvement of the immune system. *Frontiers in Neuroscience*, **2013**, 7, 110	5.1	18
13	Fluvoxamine alleviates seizure activity and downregulates hippocampal GAP-43 expression in pentylenetetrazole-kindled mice: role of 5-HT3 receptors. *Behavioural Pharmacology*, **2015**, 26, 369-82	2.4	26
12	Crosstalk between endoplasmic reticulum stress and oxidative stress in schizophrenia: The dawn of new therapeutic approaches. *Neuroscience and Biobehavioral Reviews*, **2017**, 83, 589-603	9	22
11	The Cingulate Cortex. **2021**, 111-129		1
10	Temporal Cortex. **2021**, 63-81		0
9	Effect of Haloperidol and Risperidone on Serum Melatonin and GAP-43 in Patients with Schizophrenia: A Prospective Cohort Study. *Clinical Psychopharmacology and Neuroscience*, **2021**, 19, 125-134	3.4	2
8	Resequencing and association analysis of GAP43 with autism spectrum disorder and schizophrenia in a Japanese population. *Research in Autism Spectrum Disorders*, **2021**, 82, 101729	3	0
7	Parietal and Occipital Lobes. **2021**, 131-140		
6	GAP-43 in Neural Development and Plasticity. **2006**, 315-329		3
5	Reduced myelin basic protein and actin-related gene expression in visual cortex in schizophrenia. *PLoS ONE*, **2012**, 7, e38211	3.7	45
4	Neonatal disconnection of the rat hippocampus: a neurodevelopmental model of schizophrenia. *Dialogues in Clinical Neuroscience*, **2002**, 4, 361-7	5.7	4
3	Indications of Abnormal Connectivity in Neuropsychiatric Disorders in Postmortem Studies. *Neurobiological Foundation of Aberrant Behaviors*, **2002**, 75-91		
2	Schizophrenia: Biological Mechanisms. 1		
1	Animal Models of Schizophrenia. 462-481		