Effect of sildenafil on the anticonvulsant action of classical and second-generation antiepileptic drugs in maximal electroshock-induced seizures in mice

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#	Paper	IF	Citations
29	Treatment with sildenafil prevents impairment of learning in rats born to pre-eclamptic mothers. *Neuroscience*, **2010**, 171, 506-12	3.9	20
28	A role for opioid system in the proconvulsant effects of sildenafil on the pentylenetetrazole-induced clonic seizure in mice. *Seizure: the Journal of the British Epilepsy Association*, **2011**, 20, 409-13	3.2	18
27	Sildenafil, a phosphodiesterase type 5 inhibitor, reduces antidepressant-like activity of paroxetine in the forced swim test in mice. *Pharmacological Reports*, **2012**, 64, 1259-66	3.9	11
26	Influence of sildenafil on the antidepressant activity of bupropion and venlafaxine in the forced swim test in mice. *Pharmacology Biochemistry and Behavior*, **2012**, 103, 273-8	3.9	13
25	Sildenafil influences the anticonvulsant activity of vigabatrin and gabapentin in the timed pentylenetetrazole infusion test in mice. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2012**, 39, 129-35	5.5	9
24	Influence of the phosphodiesterase type 5 inhibitor, sildenafil, on antidepressant-like activity of magnesium in the forced swim test in mice. *Pharmacological Reports*, **2012**, 64, 205-11	3.9	9
23	Sildenafil, a phosphodiesterase type 5 inhibitor, enhances the antidepressant activity of amitriptyline but not desipramine, in the forced swim test in mice. *Journal of Neural Transmission*, **2012**, 119, 645-52	4.3	15
22	Influence of sildenafil on the anticonvulsant action of selected antiepileptic drugs against pentylenetetrazole-induced clonic seizures in mice. *Journal of Neural Transmission*, **2012**, 119, 923-31	4.3	15
21	PDEI-5 for erectile dysfunction: a potential role in seizure susceptibility. *Journal of Sexual Medicine*, **2012**, 9, 2111-21	1.1	12
20	Clavulanic acid does not affect convulsions in acute seizure tests in mice. *Journal of Neural Transmission*, **2012**, 119, 1-6	4.3	13
19	Effect of 1-methyl-1,2,3,4-tetrahydroisoquinoline on the protective action of various antiepileptic drugs in the maximal electroshock-induced seizure model: a type II isobolographic analysis. *Journal of Neural Transmission*, **2013**, 120, 1651-63	4.3	3
18	Effect of sildenafil, a selective phosphodiesterase 5 inhibitor, on the anticonvulsant action of some antiepileptic drugs in the mouse 6-Hz psychomotor seizure model. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2013**, 47, 104-10	5.5	18
17	The mu-opioid receptor-selective peptide antagonists, antanal-1 and antanal-2, produce anticonvulsant effects in mice. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2013**, 40, 126-31	5.5	6
16	Can pentylenetetrazole and maximal electroshock rodent seizure models quantitatively predict antiepileptic efficacy in humans?. *Seizure: the Journal of the British Epilepsy Association*, **2015**, 24, 21-7	3.2	31
15	Acute anticonvulsant effects of capric acid in seizure tests in mice. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2015**, 57, 110-6	5.5	48
14	The maintenance ability and Ca availability of skeletal muscle are enhanced by sildenafil. *Experimental and Molecular Medicine*, **2016**, 48, e278	12.8	4
13	Neuropharmacological characterization of the oneirogenic Mexican plant Calea zacatechichi aqueous extract in mice. *Metabolic Brain Disease*, **2016**, 31, 631-41	3.9	7

12	Effects of arachidonyl-2-chloroethylamide (ACEA) on the protective action of various antiepileptic drugs in the 6-Hz corneal stimulation model in mice. *PLoS ONE*, **2017**, 12, e0183873	3.7	8
11	Effect of Tadalafil on Seizure Threshold and Activity of Antiepileptic Drugs in Three Acute Seizure Tests in Mice. *Neurotoxicity Research*, **2018**, 34, 333-346	4.3	8
10	Evaluation of the role of different neurotransmission systems in the anticonvulsant action of sildenafil in the 6 Hz-induced psychomotor seizure threshold test in mice. *Biomedicine and Pharmacotherapy*, **2018**, 107, 1674-1681	7.5	1
9	Neuroprotective mechanisms of sildenafil and selenium in PTZ-kindling model: Implications in epilepsy. *European Journal of Pharmacology*, **2018**, 833, 131-144	5.3	17
8	Proconvulsant effects of sildenafil citrate on pilocarpine-induced seizures: Involvement of cholinergic, nitrergic and pro-oxidant mechanisms. *Brain Research Bulletin*, **2019**, 149, 60-74	3.9	4
7	Effect of Pterostilbene, a Natural Analog of Resveratrol, on the Activity of some Antiepileptic Drugs in the Acute Seizure Tests in Mice. *Neurotoxicity Research*, **2019**, 36, 859-869	4.3	5
6	Mechanisms underlie the proconvulsant effects of sildenafil. *Biomedicine and Pharmacotherapy*, **2021**, 134, 111142	7.5	
5	Effects of classic antiseizure drugs on seizure activity and anxiety-like behavior in adult zebrafish. *Toxicology and Applied Pharmacology*, **2021**, 415, 115429	4.6	4
4	Interactions among Lacosamide and Second-Generation Antiepileptic Drugs in the Tonic-Clonic Seizure Model in Mice. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
3	Effects of new antiseizure drugs on seizure activity and anxiety-like behavior in adult zebrafish. *Toxicology and Applied Pharmacology*, **2021**, 427, 115655	4.6	1
2	Systematic elucidation of the pharmacological mechanisms of Rhynchophylline for treating epilepsy via network pharmacology. *BMC Complementary Medicine and Therapies*, **2021**, 21, 9	2.9	5
1	Preliminary Screening of a Classical Ayurvedic Formulation for Anticonvulsant Activity. *Ancient Science of Life: Journal of International Institute of Ayurveda*, **2016**, 36, 28-34	0	8