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An assessment of anxiolytic drug screening tests: hormetic dose responses predominate

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110	Modulation of the epileptic seizure threshold: implications of biphasic dose responses. <i>Critical Reviews in Toxicology</i> , 2008 , 38, 543-56	5.7	43
109	Hormesis: a conversation with a critic. 2009 , 117, 1339-43		18
108	Hormesis, non-linearity, and risk communication. 2009 , 28, 5-6		3
107	Adenosine antagonists reverse the cataleptic effects of haloperidol: implications for the treatment of Parkinson® disease. 2009 , 92, 521-7		34
106	Getting the dose-response wrong: why hormesis became marginalized and the threshold model accepted. 2009 , 83, 227-47		100
105	Anxiolytic-like effects induced by blockade of transient receptor potential vanilloid type 1 (TRPV1) channels in the medial prefrontal cortex of rats. 2009 , 205, 217-25		75
104	5-HT1A receptors are involved in the cannabidiol-induced attenuation of behavioural and cardiovascular responses to acute restraint stress in rats. 2009 , 156, 181-8		171
103	Anxiolytic-like effect of noradrenaline microinjection into the dorsal periaqueductal gray of rats. 2009 , 20, 252-9		12
102	Cellular stress responses, the hormesis paradigm, and vitagenes: novel targets for therapeutic intervention in neurodegenerative disorders. 2010 , 13, 1763-811		434
101	Hormesis is central to toxicology, pharmacology and risk assessment. 2010 , 29, 249-61		182
100	Biphasic effect of a primary tumor on the growth of secondary tumor implants. 2010 , 136, 1605-15		9
99	Hormesis: Calabrese Responds. 2010 , 118,		1
98	Hormesis and Cancer Risks: Issues and Resolution. 2010 , 191-206		
97	Hyperactivity and enhanced curiosity of mice expressing PKB/SGK-resistant glycogen synthase kinase-3 (GSK-3). 2010 , 25, 775-86		50
96	Lead in drinking water as a public health challenge. 2010 , 118, A154-5		16
95	Hormesis: a brief reply to an advocate. 2010 , 118, A153; author reply A153-4		3

(2012-2010)

94	A comparison between chronic exercise training and desipramine as treatments for the depression-like behavior of early-life maternal deprivation rats. 2010 , 480, 201-5	9
93	The effects of gestational and postpartum environmental enrichment on the mother rat: A preliminary investigation. 2010 , 208, 213-23	26
92	Central nervous system activity of the proanthocyanidin-rich fraction obtained from Croton celtidifolius in rats. 2010 , 62, 1061-8	22
91	Anxiolytic and sedative effects of dehydroeffusol from Juncus effusus in mice. 2011 , 77, 416-20	34
90	The GABAergic system contributes to the anxiolytic-like effect of essential oil from Cymbopogon citratus (lemongrass). 2011 , 137, 828-36	69
89	Pharmacological analysis of zebrafish (Danio rerio) scototaxis. 2011 , 35, 624-31	156
88	Neurobehavioral, reflexological and physical development of Wistar rat offspring exposed to ayahuasca during pregnancy and lactation. 2011 , 21, 1065-1076	8
87	Impaired cognitive function and altered hippocampal synapse morphology in mice lacking Lrrtm1, a gene associated with schizophrenia. 2011 , 6, e22716	32
86	Hormesis provides a generalized quantitative estimate of biological plasticity. 2011 , 5, 25-38	152
85	Homeopathic Doses of Gelsemium sempervirens Improve the Behavior of Mice in Response to Novel Environments. 2011 , 2011, 362517	23
84	Exercise offers anxiolytic potential: a role for stress and brain noradrenergic-galaninergic mechanisms. 2012 , 36, 1965-84	85
83	Plant-derived extracts in the neuroscience of anxiety on animal models: biases and comments. 2012 , 122, 177-88	10
82	Behavioral effects of pulp exposure in mice lacking cannabinoid receptor 2. 2012 , 38, 86-90	13
81	Dendritic morphology changes in neurons from the prefrontal cortex, hippocampus and nucleus accumbens in rats after lesion of the thalamic reticular nucleus. 2012 , 223, 429-38	32
80	Molecular, Clinical and Environmental Toxicology. 2012,	62
79	Electroencephalographic activity in neonatal ventral hippocampus lesion in adult rats. 2012, 66, 738-46	22
78	A new synthetic varacin analogue, 8-(trifluoromethyl)-1,2,3,4,5-benzopentathiepin-6-amine hydrochloride (TC-2153), decreased hereditary catalepsy and increased the BDNF gene expression in the hippocampus in mice. 2012 , 221, 469-78	19
77	Hormesis: why it is important to biogerontologists. 2012 , 13, 215-35	76

76	N,NRdicyclohexylsulfamide and N,NRdiphenethylsulfamide are anticonvulsant sulfamides with affinity for the benzodiazepine binding site of the GABA(A) receptor and anxiolytic activity in mice. 2012 , 83, 253-9	14
75	Citrus aurantium L. essential oil exhibits anxiolytic-like activity mediated by 5-HT(1A)-receptors and reduces cholesterol after repeated oral treatment. 2013 , 13, 42	63
74	Hormesis: its impact on medicine and health. 2013 , 32, 120-52	85
73	Role of TRPV1 receptors on panic-like behaviors mediated by the dorsolateral periaqueductal gray in rats. 2013 , 105, 166-72	22
72	Novelty-induced conditioned place preference, sucrose preference, and elevated plus maze behavior in adult rats after repeated exposure to methylphenidate during the preweanling period. 2013 , 246, 29-35	12
71	Rearrangement of the dendritic morphology in limbic regions and altered exploratory behavior in a rat model of autism spectrum disorder. 2013 , 241, 170-87	63
70	Participation of estrogen receptors in the antidepressant-like effect of prolame on the forced swimming test. 2013 , 103, 659-65	10
69	Inhalation of the essential oil of Piper guineense from Cameroon shows sedative and anxiolytic-like effects in mice. 2013 , 36, 1608-14	31
68	Traumatic brain injury - modeling neuropsychiatric symptoms in rodents. 2013 , 4, 157	52
67	Osteoporosis and alzheimer pathology: Role of cellular stress response and hormetic redox signaling in aging and bone remodeling. 2014 , 5, 120	43
66	Acute effects of lithium on excitability of human motor cortex. 2014 , 125, 2240-2246	3
65	Seeking potential anticonvulsant agents that target GABAA receptors using experimental and theoretical procedures. 2014 , 28, 1217-32	5
64	Emblica officinalis outcome on noise stress induced behavioural changes in Wistar albino rats. 2014 , 4, 219-224	8
63	Capacity of novelty-induced locomotor activity and the hole-board test to predict sensitivity to the conditioned rewarding effects of cocaine. 2014 , 133, 152-60	34
62	Brief History of Hormesis and Its Terminology. 2014 , 1-10	
61	Heat shock proteins and hormesis in the diagnosis and treatment of neurodegenerative diseases. 2015 , 12, 20	79
60	The novelty-seeking phenotype modulates the long-lasting effects of adolescent MDMA exposure. 2015 , 141, 190-8	11
59	Anxiolytic effects of orcinol glucoside and orcinol monohydrate in mice. 2015 , 53, 876-81	8

(2018-2015)

58	Involvement of the monoamine system in antidepressant-like properties of 4-(1-phenyl-1h-pyrazol-4-ylmethyl)-piperazine-1-carboxylic acid ethyl ester. 2015 , 143, 187-93	9
57	What is hormesis and its relevance to healthy aging and longevity?. 2015 , 16, 693-707	93
56	Higher sensitivity to the conditioned rewarding effects of cocaine and MDMA in High-Novelty-Seekers mice exposed to a cocaine binge during adolescence. 2015 , 232, 101-13	20
55	Influence of the Novelty-Seeking Endophenotype on the Rewarding Effects of Psychostimulant Drugs in Animal Models. 2016 , 14, 87-100	20
54	The Behavioral Consequence of Phenylketonuria in Mice Depends on the Genetic Background. 2016 , 10, 233	15
53	Bone-brain crosstalk and potential associated diseases. 2016 , 28, 69-83	8
52	Hormesis, cellular stress response, and redox homeostasis in autism spectrum disorders. 2016 , 94, 1488-1498	30
51	Hormesis, cellular stress response and neuroinflammation in schizophrenia: Early onset versus late onset state. 2017 , 95, 1182-1193	30
50	Neuroanatomical pathways underlying the effects of hypothalamo-hypophysial-adrenal hormones on exploratory activity. 2017 , 28, 617-648	1
49	How does hormesis impact biology, toxicology, and medicine?. 2017 , 3, 13	220
48	Prenatal noise stress impairs HPA axis and cognitive performance in mice. <i>Scientific Reports</i> , 2017 , 7, 10560	38
48		38
	7, 10560 The Adverse Effects of Auditory Stress on Mouse Uterus Receptivity and Behaviour. <i>Scientific</i>	
47	7, 10560 The Adverse Effects of Auditory Stress on Mouse Uterus Receptivity and Behaviour. <i>Scientific Reports</i> , 2017 , 7, 4720 Critical neuropsychobiological analysis of panic attack- and anticipatory anxiety-like behaviors in rodents confronted with snakes in polygonal arenas and complex labyrinths: a comparison to the	16
47	The Adverse Effects of Auditory Stress on Mouse Uterus Receptivity and Behaviour. <i>Scientific Reports</i> , 2017 , 7, 4720 Critical neuropsychobiological analysis of panic attack- and anticipatory anxiety-like behaviors in rodents confronted with snakes in polygonal arenas and complex labyrinths: a comparison to the elevated plus- and T-maze behavioral tests. 2017 , 39, 72-83	16
47 46 45	The Adverse Effects of Auditory Stress on Mouse Uterus Receptivity and Behaviour. <i>Scientific Reports</i> , 2017 , 7, 4720 Critical neuropsychobiological analysis of panic attack- and anticipatory anxiety-like behaviors in rodents confronted with snakes in polygonal arenas and complex labyrinths: a comparison to the elevated plus- and T-maze behavioral tests. 2017 , 39, 72-83 Anxiolytic effects of ascorbic acid and ketamine in mice. 2018 , 100, 16-23 A new piperazine derivative: 1-(4-(3,5-di-tert-butyl-4-hydroxybenzyl)	16 25 34
47 46 45 44	The Adverse Effects of Auditory Stress on Mouse Uterus Receptivity and Behaviour. <i>Scientific Reports</i> , 2017 , 7, 4720 Critical neuropsychobiological analysis of panic attack- and anticipatory anxiety-like behaviors in rodents confronted with snakes in polygonal arenas and complex labyrinths: a comparison to the elevated plus- and T-maze behavioral tests. 2017 , 39, 72-83 Anxiolytic effects of ascorbic acid and ketamine in mice. 2018 , 100, 16-23 A new piperazine derivative: 1-(4-(3,5-di-tert-butyl-4-hydroxybenzyl) piperazin-1-yl)-2-methoxyethan-1-one with antioxidant and central activity. 2018 , 391, 255-269 Total Saikosaponins of Bupleurum yinchowense reduces depressive, anxiety-like behavior and	16 25 34 5

40	Hormesis as a mechanistic approach to understanding herbal treatments in traditional Chinese medicine. 2018 , 184, 42-50	55
39	Hormesis: Path and Progression to Significance. 2018 , 19,	78
38	Extrapyramidal and purgative effects of fluphenazine in turkeys. 2018, 12, 341-345	
37	Chronic traffic noise stress accelerates brain impairment and cognitive decline in mice. 2018, 308, 1-12	40
36	Effects of combined pre- and post-natal enrichment on anxiety-like, social, and cognitive behaviours in juvenile and adult rat offspring. 2018 , 353, 40-50	21
35	Effects of gut-derived endotoxin on anxiety-like and repetitive behaviors in male and female mice. 2018 , 9, 7	18
34	Cytotoxicity models of Huntingtonß disease and relevance of hormetic mechanisms: A critical assessment of experimental approaches and strategies. 2019 , 150, 104371	8
33	Involvement of the dopamine D receptor system in the anxiolytic effect of cedrol in the elevated plus maze and light-dark box tests. 2020 , 142, 26-33	3
32	The Rat in Neuroscience Research. 2020 , 1003-1022	
31	Deciphering the Pharmacological Properties of Methanol Extract of Leaves by In Vivo, In Vitro and In Silico Approaches. 2020 , 13,	28
30	Psychoactive properties of BNN27, a novel neurosteroid derivate, in male and female rats. 2020 , 237, 2435-2449	6
29	Effect of 5-HT receptor agonist and antagonist on chronic unpredictable stress (CUS) - Mediated anxiety and depression in adolescent Wistar albino rat: Implicating serotonin and mitochondrial ETC-I function in serotonergic neurotransmission. 2020 , 393, 112780	3
28	Social withdrawal: An initially adaptive behavior that becomes maladaptive when expressed excessively. 2020 , 116, 251-267	3
27	"Olfactory Three-Needle" Enhances Spatial Learning and Memory Ability in SAMP8 Mice. 2020 , 2020, 2893289	2
26	Hormesis Mediates Acquired Resilience: Using Plant-Derived Chemicals to Enhance Health. 2021 , 12, 355-381	9
25	Solving the Problem of Assessing Synergy and Antagonism for Non-Traditional Dosing Curve Compounds Using the DE/ZI Method: Application to Nrf2 Activators. 2021 , 12, 686201	1
24	Dose-Dependent Effect of Nerve Growth Factor Mimetic GK-2 in a Wistar Rat Diabetes Model. 2021 , 55, 323	1
23	Hormesis: Transforming disciplines that rely on the dose response. 2021 ,	10

22	Social status modulates the behavioral and physiological consequences of a chemical pollutant in animal groups. 2021 , 31, e02454		2
21	Modulation of Effects of Alcohol, Cannabinoids, and Psychostimulants by Novelty-Seeking Trait. 2022 , 85-127		
20	Hormesis: Once Marginalized, Evidence Now Supports Hormesis as the Most Fundamental Dose Response. 2010 , 15-56		5
19	Hormesis: improving predictions in the low-dose zone. 2012 , 101, 551-64		11
18	Hormesis: A potential strategic approach to the treatment of neurodegenerative disease. 2020 , 155, 271-301		17
17	Loop diuretics have anxiolytic effects in rat models of conditioned anxiety. 2012 , 7, e35417		19
16	The novelty-seeking phenotype modulates the long-lasting effects of intermittent ethanol administration during adolescence. 2014 , 9, e92576		32
15	The role of hormesis in the functional performance and protection of neural systems. 2017 , 3, 1-13		25
14	The Hormetic Pharmacy: The Future of Natural Products and Man-Made Drugs in Disease Prevention and Treatment. 2010 , 177-198		1
13	Neurobehavioral testing for developmental toxicity. 2011 , 346-387		
13	Neurobehavioral testing for developmental toxicity. 2011 , 346-387 Tests for Anxiolytic Activity. 2017 , 1-173		
			3
12	Tests for Anxiolytic Activity. 2017 , 1-173	3.5	3 0
12	Tests for Anxiolytic Activity. 2017 , 1-173 Dose-Response Revolution: How Hormesis Became Significant. 2019 , 519-519 Human wildtype tau expression in cholinergic pedunculopontine tegmental neurons is sufficient to produce PSP-like behavioural deficits and neuropathology. <i>European Journal of Neuroscience</i> , 2021 ,	3.5	
12 11 10	Tests for Anxiolytic Activity. 2017, 1-173 Dose-Response Revolution: How Hormesis Became Significant. 2019, 519-519 Human wildtype tau expression in cholinergic pedunculopontine tegmental neurons is sufficient to produce PSP-like behavioural deficits and neuropathology. European Journal of Neuroscience, 2021, 54, 7688-7709 Long-term Effects of Maternal Separation on Anxiety-Like Behavior and Neuroendocrine		0
12 11 10	Tests for Anxiolytic Activity. 2017, 1-173 Dose-Response Revolution: How Hormesis Became Significant. 2019, 519-519 Human wildtype tau expression in cholinergic pedunculopontine tegmental neurons is sufficient to produce PSP-like behavioural deficits and neuropathology. European Journal of Neuroscience, 2021, 54, 7688-7709 Long-term Effects of Maternal Separation on Anxiety-Like Behavior and Neuroendocrine Parameters in Adult Balb/c Mice Chronic Stress, 2021, 5, 24705470211067181	3	0
12 11 10 9 8	Tests for Anxiolytic Activity. 2017, 1-173 Dose-Response Revolution: How Hormesis Became Significant. 2019, 519-519 Human wildtype tau expression in cholinergic pedunculopontine tegmental neurons is sufficient to produce PSP-like behavioural deficits and neuropathology. European Journal of Neuroscience, 2021, 54, 7688-7709 Long-term Effects of Maternal Separation on Anxiety-Like Behavior and Neuroendocrine Parameters in Adult Balb/c Mice Chronic Stress, 2021, 5, 24705470211067181 Exogenous polyserine and polyleucine are toxic to recipient cells Scientific Reports, 2022, 12, 1685 Uptake, depuration, and behavioural effects of oxazepam on activity and foraging in a tropical snail	3 4.9	0

4	Anxiolytic Activity of Ethanolic Extract of Three Species of Indonesian Lempuyang (Zingiber zerumbet, Zingiber aromaticum, and Zingiber americans). <i>Open Access Macedonian Journal of Medical Sciences</i> , 2022 , 10, 695-701		
3	BrainImmune interaction mechanisms: Implications for cognitive dysfunction in psychiatric disorders. <i>Cell Proliferation</i> ,	.9	O
2	Hormetic response to B-type procyanidin ingestion involves stress-related neuromodulation via the gut-brain axis: Preclinical and clinical observations. 9,		0
1	S-adenosyl-l-methionine antidepressant-like effects involve activation of 5-HT1A receptors. 2022 , 105442		0