Improving translation of animal models of addiction an

Nature Reviews Neuroscience 21, 625-643 DOI: 10.1038/s41583-020-0378-z

Citation Report

#	Article	IF	CITATIONS
1	Learning from lorcaserin: lessons from the negative clinical trial of lorcaserin to treat cocaine use disorder. Neuropsychopharmacology, 2020, 45, 1967-1973.	5.4	19
2	Targeting the Opioid Receptors: A Promising Therapeutic Avenue for Treatment in "Heavy Drinking Smokers― Alcohol and Alcoholism, 2021, 56, 127-138.	1.6	6
3	Circuit selectivity in drug versus natural reward seeking behaviors. Journal of Neurochemistry, 2021, 157, 1450-1472.	3.9	25
7	Neurochemical mechanisms and neurocircuitry underlying the contribution of stress to cocaine seeking. Journal of Neurochemistry, 2021, 157, 1697-1713.	3.9	14
8	Lack of effect of different pain-related manipulations on opioid self-administration, reinstatement of opioid seeking, and opioid choice in rats. Psychopharmacology, 2021, 238, 1885-1897.	3.1	14
9	Pharmacological and behavioral divergence of ketamine enantiomers: implications for abuse liability. Molecular Psychiatry, 2021, 26, 6704-6722.	7.9	139
10	A drug-vs-food "choice―self-administration procedure in rats to investigate pharmacological and environmental mechanisms of substance use disorders. Journal of Neuroscience Methods, 2021, 354, 109110.	2.5	24
11	Neurobiology of alcohol seeking behavior. Journal of Neurochemistry, 2021, 157, 1585-1614.	3.9	29
12	Cocaine-induced projection-specific and cell type-specific adaptations in the nucleus accumbens. Molecular Psychiatry, 2022, 27, 669-686.	7.9	45
13	Potential Value of the Insights and Lived Experiences of Addiction Researchers With Addiction. Journal of Addiction Medicine, 2022, 16, 135-137.	2.6	11
14	Neurobiological Models of Alcohol Use Disorder in Humans. American Journal of Psychiatry, 2021, 178, 483-484.	7.2	3
15	Animal Models of Psychiatric Disorders: A Literature Review. , 2021, 5, 1-7.		0
16	Key transcription factors mediating cocaine-induced plasticity in the nucleus accumbens. Molecular Psychiatry, 2022, 27, 687-709.	7.9	37
17	Choose your path: Divergent basolateral amygdala efferents differentially mediate incentive motivation, flexibility and decision-making. Behavioural Brain Research, 2021, 409, 113306.	2.2	15
18	Animal Models of Drug Relapse and Craving after Voluntary Abstinence: A Review. Pharmacological Reviews, 2021, 73, 1050-1083.	16.0	59
21	Individual differences in addiction-like behaviors and choice between cocaine versus food in Heterogeneous Stock rats. Psychopharmacology, 2021, 238, 3423-3433.	3.1	11
22	A neural substrate of compulsive alcohol use. Science Advances, 2021, 7, .	10.3	46
24	Sex differences in the effect of chronic delivery of the buprenorphine analog BU08028 on heroin relapse and choice in a rat model of opioid maintenance. British Journal of Pharmacology, 2021, , .	5.4	15

#	Article	IF	CITATIONS
25	Factors modulating the incubation of drug and non-drug craving and their clinical implications. Neuroscience and Biobehavioral Reviews, 2021, 131, 847-864.	6.1	27
26	Astrocyte-neuron interaction in the dorsal striatum-pallidal circuits and alcohol-seeking behaviors. Neuropharmacology, 2021, 198, 108759.	4.1	9
27	Confronting the challenge of failed translation in medications development for substance use disorders. Pharmacology Biochemistry and Behavior, 2021, 210, 173264.	2.9	12
28	Ventral pallidum cellular and pathway specificity in drug seeking. Neuroscience and Biobehavioral Reviews, 2021, 131, 373-386.	6.1	19
29	Orbitofrontal cortex and dorsal striatum functional connectivity predicts incubation of opioid craving after voluntary abstinence. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	13
30	The impact of social variables in preclinical models of cocaine abuse. Faculty Reviews, 2021, 10, 76.	3.9	1
31	A systematic review and meta-analysis of animal models of binge eating - Part 1: Definitions and food/drink intake outcomes. Neuroscience and Biobehavioral Reviews, 2022, 132, 1137-1156.	6.1	2
32	Is addiction a brain disease? A plea for agnosticism and heterogeneity. Psychopharmacology, 2022, 239, 993-1007.	3.1	11
33	Dopamine Circuit Mechanisms of Addiction-Like Behaviors. Frontiers in Neural Circuits, 2021, 15, 752420.	2.8	31
34	Waving Through the Window: A Model of Volitional Social Interaction in Female Mice. Biological Psychiatry, 2022, 91, 988-997.	1.3	21
35	Deconstructing and reconstructing behaviour relevant to mental health disorders: The benefits of a psychological approach, with a focus on addiction. Neuroscience and Biobehavioral Reviews, 2022, 133, 104514.	6.1	6
36	Lack of effect of the nociceptin opioid peptide agonist Ro 64-6198 on pain-depressed behavior and heroin choice in rats. Drug and Alcohol Dependence, 2022, 231, 109255.	3.2	3
37	Mechanisms of ketamine and its metabolites as antidepressants. Biochemical Pharmacology, 2022, 197, 114892.	4.4	66
38	Sex Differences in Opioid and Psychostimulant Craving and Relapse: A Critical Review. Pharmacological Reviews, 2022, 74, 119-140.	16.0	72
39	Increased heroin intake and relapse vulnerability in intermittent relative to continuous selfâ€administration: Sex differences in rats. British Journal of Pharmacology, 2023, 180, 910-926.	5.4	16
40	Effects of acute and repeated administration of the selective M ₄ PAM VU0152099 on cocaine versus food choice in male rats. Addiction Biology, 2022, 27, e13145.	2.6	5
42	Friend of the Devil: Negative Social Influences Driving Substance Use Disorders. Frontiers in Behavioral Neuroscience, 2022, 16, 836996.	2.0	4
43	Environmental influence on the preclinical evaluation of substance use disorder therapeutics. Advances in Pharmacology, 2022, 93, 219-242.	2.0	0

#	Article	IF	Citations
44	Drug versus nonâ€drug behaviors: A dualâ€reward model of sex differences and neurobiological mechanisms in rats. Journal of the Experimental Analysis of Behavior, 2022, 117, 457-471.	1.1	0
45	A Brief Introduction to Human Behavioral Pharmacology: Methods, Design Considerations and Ethics. Perspectives on Behavior Science, 2022, 45, 361-381.	1.9	2
46	Functional Connectivity of the Brain Across Rodents and Humans. Frontiers in Neuroscience, 2022, 16, 816331.	2.8	22
47	The interaction between Environmental Enrichment and fluoxetine in inhibiting sucrose-seeking renewal in mice depend on socialÂliving condition. Psychopharmacology, 2022, 239, 2351-2361.	3.1	1
49	Characterization of operant social interaction in rats: effects of access duration, effort, peer familiarity, housing conditions, and choice between social interaction vs. food or remifentanil. Psychopharmacology, 2022, 239, 2093-2108.	3.1	17
50	Logical fallacies and misinterpretations that hinder progress in translational addiction neuroscience. Journal of the Experimental Analysis of Behavior, 2022, 117, 384-403.	1.1	8
51	Network-Based Discovery of Opioid Use Vulnerability in Rats Using the Bayesian Stochastic Block Model. Frontiers in Psychiatry, 2021, 12, 745468.	2.6	4
52	An Overview of Appetite-Regulatory Peptides in Addiction Processes; From Bench to Bed Side. Frontiers in Neuroscience, 2021, 15, 774050.	2.8	14
54	The effect of the NLRP1 inflammasome on methamphetamine-induced cognitive impairment in rats. Drug and Alcohol Dependence, 2022, 237, 109537.	3.2	6
55	Ventral pallidum GABA neurons bidirectionally control opioid relapse across rat behavioral models. Addiction Neuroscience, 2022, 3, 100026.	1.3	6
57	A short burst of reward curbs the addictiveness of ketamine. Nature, 2022, 608, 271-272.	27.8	1
59	Mice in translational neuroscience: What R we doing?. Progress in Neurobiology, 2022, 217, 102330.	5.7	15
60	Interaction of stress and alcohol on discriminating fear from safety and reward in male and female rats. Psychopharmacology, 2023, 240, 609-621.	3.1	3
61	Dynamic modulation of inhibition ability following repeated exposures to morphine in macaque monkey. Journal of Psychopharmacology, 2022, 36, 1151-1160.	4.0	2
62	Effects of environmental manipulations on cocaine-vs-social choice in male and female rats. Pharmacology Biochemistry and Behavior, 2022, 220, 173462.	2.9	3
63	Lateral septum inputs to nucleus accumbens mediates stress induced suppression of natural reward seeking. Pharmacological Research, 2022, 184, 106463.	7.1	8
64	Side Effects of Central Analgesic Drugs. , 2022, , 1-24.		0
65	A mechanistic overview of approaches for the treatment of psychostimulant dependence. Frontiers in Pharmacology, 0, 13, .	3.5	2

#	Article	IF	CITATIONS
66	From concepts to treatment: a dialog between a preclinical researcher and a clinician in addiction medicine. Translational Psychiatry, 2022, 12, .	4.8	1
67	Hierarchical cue control of cocaine seeking in the face of cost. Psychopharmacology, 0, , .	3.1	1
68	Can we enhance the clinical efficacy of cognitive and psychological approaches to treat substance use disorders through understanding their neurobiological mechanisms?. Neuroscience and Biobehavioral Reviews, 2022, 142, 104899.	6.1	1
69	Corticotropin releasing factor and drug seeking in substance use disorders: Preclinical evidence and translational limitations. Addiction Neuroscience, 2022, 4, 100038.	1.3	2
70	Withinâ€person decline in pregnancy smoking is observable prior to pregnancy awareness: Evidence across two independent observational cohorts. Addiction Biology, 2022, 27, .	2.6	1
71	Biomedical Research on Substances of Abuse: The Italian Case Study. ATLA Alternatives To Laboratory Animals, 2022, 50, 423-436.	1.0	3
74	The gut microbiota alone and in combination with a social stimulus regulates cocaine reward in the mouse. Brain, Behavior, and Immunity, 2023, 107, 286-291.	4.1	9
75	Animal Models of Addiction: A Review. The Neuroscience Journal of Shefaye Khatam, 2022, 10, 92-103.	0.4	0
76	Operant social seeking to a novel peer after social isolation is associated with activation of nucleus accumbens shell in rats. Psychopharmacology, 0, , .	3.1	3
77	A neuromarker for drug and food craving distinguishes drug users from non-users. Nature Neuroscience, 2023, 26, 316-325.	14.8	34
78	Cycles of addiction and loneliness. Neuron, 2022, 110, 4035-4037.	8.1	1
79	Editorial introduction: animal models relevant to mental health disorders. Emerging Topics in Life Sciences, 2022, 6, 441-443.	2.6	0
80	3,4-Methylenedioxypyrovalerone High-Responder Phenotype as a Tool to Evaluate Candidate Medications for Stimulant Use Disorder. Journal of Pharmacology and Experimental Therapeutics, 2023, 384, 353-362.	2.5	1
81			
	The Protective Effect of Social Reward on Opioid and Psychostimulant Reward and Relapse: Behavior, Pharmacology, and Brain Regions. Journal of Neuroscience, 2022, 42, 9298-9314.	3.6	8
82		3.6 3.1	8
82 83	Pharmacology, and Brain Regions. Journal of Neuroscience, 2022, 42, 9298-9314.		
	Pharmacology, and Brain Regions. Journal of Neuroscience, 2022, 42, 9298-9314. Place conditioning in humans: opportunities for translational research. Psychopharmacology, 0, , . Ventral pallidal regulation of motivated behaviors and reinforcement. Frontiers in Neural Circuits, 0,	3.1	2

#	Article	IF	CITATIONS
86	Leveraging circuits to understand addiction. , 2023, , 1-44.		1
87	Modulation of smoking cue reactivity by social context—Implications for exposure therapy in virtual reality. Frontiers in Virtual Reality, 0, 4, .	3.7	0
88	Role of Piriform Cortex and Its Afferent Projections in Relapse to Fentanyl Seeking after Food Choice-Induced Voluntary Abstinence. Journal of Neuroscience, 2023, 43, 2597-2614.	3.6	2
89	An operant social self-administration and choice model in mice. Nature Protocols, 2023, 18, 1669-1686.	12.0	7
90	Advances in the characterization of negative affect caused by acute and protracted opioid withdrawal using animal models. Neuropharmacology, 2023, 232, 109524.	4.1	3
91	Intrusive thinking: Circuit and synaptic mechanisms of a transdiagnostic psychiatric symptom. Neuroscience and Biobehavioral Reviews, 2023, 150, 105196.	6.1	0
92	Transcriptional signatures of heroin intake and relapse throughout the brain reward circuitry in male mice. Science Advances, 2023, 9, .	10.3	11
93	Intermittent-access operant alcohol self-administration promotes binge-like drinking and drinking despite negative consequences in male and female heterogeneous stock rats. Neuropharmacology, 2023, 235, 109564.	4.1	2
94	Socially Integrated Polysubstance (SIP) system: An open-source solution for continuous monitoring of polysubstance fluid intake in group housed mice. Addiction Neuroscience, 2023, 7, 100101.	1.3	3
95	A multivariate regressor of patterned dopamine release predicts relapse to cocaine. Cell Reports, 2023, 42, 112553.	6.4	1
97	Calcitonin receptor signal: a potential target for opioid use disorder?. Neuropsychopharmacology, 2023, 48, 1835-1836.	5.4	0
98	Service Robots—An Innovative Sustainability in Rural Banking. Journal of Service Science and Management, 2023, 16, 477-500.	0.5	0
99	Improving Translational Relevance in Preclinical Psychopharmacology (iTRIPP). Journal of Psychopharmacology, 0, , .	4.0	0
101	Addictions Neuroclinical Assessment. , 2023, , 215-234.		0
102	The importance of choice and agency in animal models of addiction. Journal of Neural Transmission, 0,	2.8	0
103	Cue- versus reward-encoding basolateral amygdala projections to nucleus accumbens. ELife, 0, 12, .	6.0	Ο
104	Listening to the Data: Computational Approaches to Addiction and Learning. Journal of Neuroscience, 2023, 43, 7547-7553.	3.6	0
105	Knowledge gaps in psychedelic medicalisation: Preclinical and neuroimaging mechanisms. , 2023, , 103929.		Ο

#	Article	IF	CITATIONS
106	Chronic Morphine Leaves a Durable Fingerprint on Whole-Brain Functional Connectivity. Biological Psychiatry, 2023, , .	1.3	0
107	Social odor choice buffers drug craving. Neuropsychopharmacology, 2024, 49, 731-739.	5.4	0
108	Medicine-engineering interdisciplinary researches for addiction: Opportunities and challenges. , 2023, 1, 100024.		0
109	Epigenetics and substance use disorders: translational aspects. , 2024, , 353-378.		0
110	Validity of mental and physical stress models. Neuroscience and Biobehavioral Reviews, 2024, 158, 105566.	6.1	0
111	An automated group-housed oral fentanyl self-administration method in mice. Psychopharmacology, 0, , .	3.1	0
112	Inactivation of phosphodiesterase-4B gene in rat nucleus accumbens shell by CRISPR/Cas9 or positive allosteric modulation of the protein affects the motivation to chronically self-administer nicotine. Scientific Reports, 2024, 14, .	3.3	0
113	Opening new vistas on obsessive-compulsive disorder with the observing response task. Cognitive, Affective and Behavioral Neuroscience, 2024, 24, 249-265.	2.0	1
114	Different Effects of Peer Sex on Operant Responding for Social Interaction and Striatal Dopamine Activity. Journal of Neuroscience, 2024, 44, e1887232024.	3.6	0
115	FARESHARE: An open-source apparatus for assessing drinking microstructure in socially housed rats. , 2024, 2, .		0
116	Neuroscience and addiction research: current advances and perspectives. Journal of Neural Transmission, 2024, 131, 405-408.	2.8	0
117	Relapse after electric barrier-induced voluntary abstinence: A review. Current Opinion in Neurobiology, 2024, 86, 102856.	4.2	0