

# CITATION REPORT

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Improving toxicity screening and drug development by using genetically defined strains

DOI: 10.1007/978-1-60761-058-8\_1  
Methods in Molecular Biology, 2010, 602, 1-21.

**Source:** <https://exaly.com/paper-pdf/49715158/citation-report.pdf>

**Version:** 2024-04-27

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#	Paper	IF	Citations
19	Inbred strains should replace outbred stocks in toxicology, safety testing, and drug development. <i>Toxicologic Pathology</i> , <b>2010</b> , 38, 681-90	2.1	94
18	New tools to assess toxicity, bioaccessibility and uptake of chemical contaminants in meat and seafood. <i>Food Research International</i> , <b>2011</b> , 44, 510-522	7	39
17	Optimised and rapid pre-clinical screening in the SOD1(G93A) transgenic mouse model of amyotrophic lateral sclerosis (ALS). <i>PLoS ONE</i> , <b>2011</b> , 6, e23244	3.7	64
16	Designing phenotyping studies for genetically engineered mice. <i>Veterinary Pathology</i> , <b>2012</b> , 49, 24-31	2.8	26
15	Investigative safety science as a competitive advantage for Pharma. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2012</b> , 8, 1071-82	5.5	21
14	Genetically engineered humanized mouse models for preclinical antibody studies. <i>BioDrugs</i> , <b>2014</b> , 28, 171-80	7.9	12
13	FTD and ALS--translating mouse studies into clinical trials. <i>Nature Reviews Neurology</i> , <b>2015</b> , 11, 360-6	15	55
12	Mouse Population-Based Toxicology for Personalized Medicine and Improved Safety Prediction. <b>2016</b> , 314-329		3
11	Study Design. <i>Methods and Principles in Medicinal Chemistry</i> , <b>2016</b> , 27-40	0.4	1
10	Innate Mucosal Immune System Response of BALB/c vs C57BL/6 Mice to Injury in the Setting of Enteral and Parenteral Feeding. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2016</b> , 40, 256-63	4.2	8
9	Test systems in drug discovery for hazard identification and risk assessment of human drug-induced liver injury. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2017</b> , 13, 767-782	5.5	24
8	Strain specific effects of low level lead exposure on associative learning and memory in rats. <i>NeuroToxicology</i> , <b>2017</b> , 62, 186-191	4.4	12
7	New Rodent Population Models May Inform Human Health Risk Assessment and Identification of Genetic Susceptibility to Environmental Exposures. <i>Environmental Health Perspectives</i> , <b>2017</b> , 125, 086002	8.4	27
6	Genome-wide circulating microRNA expression profiling reveals potential biomarkers for amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , <b>2018</b> , 64, 123-138	5.6	32
5	The Genetics of Pain: Implications for Therapeutics. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2018</b> , 58, 123-142	17.9	31
4	Drug Development and the Use of Induced Pluripotent Stem Cell-Derived Cardiomyocytes for Disease Modeling and Drug Toxicity Screening. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	8
3	Resilience to fear: The role of individual factors in amygdala response to stressors. <i>Molecular and Cellular Neurosciences</i> , <b>2021</b> , 110, 103582	4.8	1

2	The Combination of Cell Cultured Technology and In Silico Model to Inform the Drug Development. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	5
1	How Does the Selection of Laboratory Mice Affect the Results of Physiological Distribution of Radiopharmaceuticals?. <i>Current Radiopharmaceuticals</i> , <b>2021</b> ,	1.8	