

# Current advances in humanized mouse models

Cellular and Molecular Immunology

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Development of a new humanized mouse model to study acute inflammatory arthritis. <i>Journal of Translational Medicine</i> , 2012, 10, 190.	1.8	34
2	Humanized mice for immune system investigation: progress, promise and challenges. <i>Nature Reviews Immunology</i> , 2012, 12, 786-798.	10.6	851
3	Effective Elicitation of Human Effector CD8+ T Cells in HLA-B*51:01 Transgenic Humanized Mice after Infection with HIV-1. <i>PLoS ONE</i> , 2012, 7, e42776.	1.1	15
4	The future of protein particle characterization and understanding its potential to diminish the immunogenicity of biopharmaceuticals: A shared perspective. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 3580-3585.	1.6	51
5	The Cinderella Effect: Searching for the Best Fit between Mouse Models and Human Diseases. <i>Journal of Investigative Dermatology</i> , 2013, 133, 2509-2513.	0.3	15
6	Humoral Immunity in Humanized Mice: A Work in Progress. <i>Journal of Infectious Diseases</i> , 2013, 208, S155-S159.	1.9	48
7	Accelerating Next-Generation Vaccine Development for Global Disease Prevention. <i>Science</i> , 2013, 340, 1232910.	6.0	236
8	Generation and utility of genetically humanized mouse models. <i>Drug Discovery Today</i> , 2013, 18, 1200-1211.	3.2	36
9	Humanised xenograft models of bone metastasis revisited: novel insights into species-specific mechanisms of cancer cell osteotropism. <i>Cancer and Metastasis Reviews</i> , 2013, 32, 129-145.	2.7	41
10	A germline-competent embryonic stem cell line from NOD.Cg-Prkdc scid Il2rg tm1Wjl /SzJ (NSG) mice. <i>Transgenic Research</i> , 2013, 22, 179-185.	1.3	9
11	Neural progenitor cell survival in mouse brain can be improved by co-transplantation of helper cells expressing bFGF under doxycycline control. <i>Experimental Neurology</i> , 2013, 247, 73-79.	2.0	26
12	The role of tumour-stromal interactions in modifying drug response: challenges and opportunities. <i>Nature Reviews Drug Discovery</i> , 2013, 12, 217-228.	21.5	394
13	Human immune responses and potential for vaccine assessment in humanized mice. <i>Current Opinion in Immunology</i> , 2013, 25, 403-409.	2.4	69
14	Cancer stem cells and their role in metastasis. , 2013, 138, 285-293.		203
15	Toxicologic Pathology in the 21st Century. <i>Toxicologic Pathology</i> , 2013, 41, 689-708.	0.9	18
16	Studies of Lymphocyte Reconstitution in a Humanized Mouse Model Reveal a Requirement of T Cells for Human B Cell Maturation. <i>Journal of Immunology</i> , 2013, 190, 2090-2101.	0.4	99
17	Increasing Hematopoietic Stem Cell Yield to Develop Mice with Human Immune Systems. <i>BioMed Research International</i> , 2013, 2013, 1-11.	0.9	9
18	Effects of Early Chemotherapeutic Treatment on Learning in Adolescent Mice: Implications for Cognitive Impairment and Remediation in Childhood Cancer Survivors. <i>Clinical Cancer Research</i> , 2013, 19, 3008-3018.	3.2	23

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19	Busulfan Administration Flexibility Increases the Applicability of Scid Repopulating Cell Assay in NSG Mouse Model. PLoS ONE, 2013, 8, e74361.	1.1	24
20	Sensitive detection of measles virus infection in the blood and tissues of humanized mouse by one-step quantitative RT-PCR. Frontiers in Microbiology, 2013, 4, 298.	1.5	16
21	Mechanistic Aspects of Cell-Mediated Rejection. , 2014, , 639-649.		0
22	Human Umbilical Cord Mesenchymal Stem Cells and Derived Hepatocyte-Like Cells Exhibit Similar Therapeutic Effects on an Acute Liver Failure Mouse Model. PLoS ONE, 2014, 9, e104392.	1.1	38
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24	Role of Toll-Like Receptor (TLR) Signaling in HIV-1-Induced Adaptive Immune Activation. , 2014, , 275-287.		0
25	Lost in Translation (<scp>LiT</scp>): <scp>IUPHAR</scp> Review 6. British Journal of Pharmacology, 2014, 171, 2269-2290.	2.7	9
26	Generation of improved humanized mouse models for human infectious diseases. Journal of Immunological Methods, 2014, 410, 3-17.	0.6	124
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31	Fit-for purpose use of mouse models to improve predictivity of cancer therapeutics evaluation. , 2014, 142, 351-361.		32
32	Imaging preclinical tumour models: improving translational power. Nature Reviews Cancer, 2014, 14, 481-493.	12.8	153
33	OKT3 prevents xenogeneic GVHD and allows reliable xenograft initiation from unfractionated human hematopoietic tissues. Blood, 2014, 123, e134-e144.	0.6	63
34	TALEN-mediated genetic inactivation of the glucocorticoid receptor in cytomegalovirus-specific T cells. Blood, 2015, 126, 2781-2789.	0.6	53
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38	Modeling human influenza infection in the laboratory. <i>Infection and Drug Resistance</i> , 2015, 8, 311.	1.1	33
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44	Impacts of Humanized Mouse Models on the Investigation of HIV-1 Infection: Illuminating the Roles of Viral Accessory Proteins in Vivo. <i>Viruses</i> , 2015, 7, 1373-1390.	1.5	16
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55	A paradigm shift: Cancer therapy with peptide-based B-cell epitopes and peptide immunotherapeutics targeting multiple solid tumor types: Emerging concepts and validation of combination immunotherapy. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 1368-1386.	1.4	16
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91	Neutrophils: Critical components in experimental animal models of cancer. <i>Seminars in Immunology</i> , 2016, 28, 197-204.	2.7	41
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147	Humanized mouse models: Application to human diseases. <i>Journal of Cellular Physiology</i> , 2018, 233, 3723-3728.	2.0	83
148	The challenge of growing enough reticulocytes for transfusion. <i>ISBT Science Series</i> , 2018, 13, 80-86.	1.1	4
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