Resource Summary Report

Generated by dkNET on Apr 16, 2025

Jackson Laboratory

RRID:SCR_004633
Type: Tool

Proper Citation

Jackson Laboratory (RRID:SCR_004633)

Resource Information

URL: http://www.jax.org/index.html

Proper Citation: Jackson Laboratory (RRID:SCR_004633)

Description: An independent, nonprofit organization focused on mammalian genetics research to advance human health. Their mission is to discover the genetic basis for preventing, treating, and curing human disease, and to enable research for the global biomedical community. Jackson Laboratory breeds and manages colonies of mice as resources for other research institutions and laboratories, along with providing software and techniques. Jackson Lab also conducts genetic research and provides educational material for various educational levels.

Abbreviations: JAX

Synonyms: JAX Lab, Jackson Lab

Resource Type: institution

Keywords: genomic, disease, mouse model, human disease, biomaterial manufacture

Related Condition: Types 1 diabetes, Type 2 diabetes, Diabetes, Cardiovascular diseases, Metabolic disease, Cancer, Rare disease, Alzheimer's disease, Demantia

Funding:

Availability: Available to the research community, Available to the educational community

Resource Name: Jackson Laboratory

Resource ID: SCR_004633

Alternate IDs: nlx_63162, ISNI: 0000 0004 0374 0039, grid.249880.f, Crossref funder ID: 100005946

Alternate URLs: https://ror.org/021sy4w91

Record Creation Time: 20220129T080225+0000

Record Last Update: 20250410T065202+0000

Ratings and Alerts

No rating or validation information has been found for Jackson Laboratory.

No alerts have been found for Jackson Laboratory.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 14275 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Minhajuddin M, et al. (2025) Lysosomal acid lipase A modulates leukemia stem cell response to venetoclax/tyrosine kinase inhibitor combination therapy in blast phase chronic myeloid leukemia. Haematologica, 110(1), 103.

Ma W, et al. (2025) Notch-Driven Cholangiocarcinogenesis Involves the Hippo Pathway Effector TAZ via METTL3-m6A-YTHDF1. Cellular and molecular gastroenterology and hepatology, 19(1), 101417.

Solomon A, et al. (2025) Early and delayed STAT1-dependent responses drive local trained immunity of macrophages in the spleen. eLife, 13.

Zhai Y, et al. (2025) Differential bone and vessel type formation at superior and dura periosteum during cranial bone defect repair. Bone research, 13(1), 8.

Wæver SL, et al. (2025) Differentially localizing isoforms of the migraine component calcitonin gene-related peptide (CGRP), in the mouse trigeminal ganglion: ?CGRP is translated but, unlike ?CGRP, not sorted into axons. The journal of headache and pain, 26(1), 11.

Carter JL, et al. (2025) ONC213: a novel strategy to resensitize resistant AML cells to venetoclax through induction of mitochondrial stress. Journal of experimental & clinical cancer research : CR, 44(1), 10.

Hou Y, et al. (2025) Enforced E-selectin ligand installation enhances homing and efficacy of adoptively transferred T cells. bioRxiv : the preprint server for biology.

Gloriani M, et al. (2025) Sarcoglycans are enriched at the neuromuscular junction in a nerve-dependent manner. Cell death & disease, 16(1), 37.

Faizan MI, et al. (2025) Genetic diversity leads to differential inflammatory responses to cigarette smoke in mice. Physiological reports, 13(2), e70199.

Kizhatil K, et al. (2025) FYN regulates aqueous humor outflow and IOP through the phosphorylation of VE-CADHERIN. Nature communications, 16(1), 51.

Huschet LA, et al. (2025) FrozONE: quick cell nucleus enrichment for comprehensive proteomics analysis of frozen tissues. Life science alliance, 8(3).

Bridi MCD, et al. (2025) Daily oscillation of the excitation/inhibition ratio is disrupted in two mouse models of autism. iScience, 28(1), 111494.

Kaiser S, et al. (2025) Severity of Repetitive Mild Traumatic Brain Injury Depends on Microglial Heme Oxygenase-1 and Carbon Monoxide. The European journal of neuroscience, 61(2), e16666.

Zhu B, et al. (2025) A multi-omics spatial framework for host-microbiome dissection within the intestinal tissue microenvironment. Nature communications, 16(1), 1230.

Lau VWC, et al. (2025) Remodelling of the immune landscape by IFN? counteracts IFN?-dependent tumour escape in mouse tumour models. Nature communications, 16(1), 2.

Rüttiger AS, et al. (2025) The global RNA-binding protein RbpB is a regulator of polysaccharide utilization in Bacteroides thetaiotaomicron. Nature communications, 16(1), 208.

Williams KR, et al. (2025) Maternal high-fat diet programs offspring airway hyperinnervation and hyperresponsiveness. JCI insight, 10(1).

Nakisli S, et al. (2025) CNS resident macrophages exhibit region-specific states and immunogenic responses during Rbpj-deficient brain arteriovenous malformation. Scientific reports, 15(1), 3932.

Marchand V, et al. (2025) Monocytes generated by interleukin-6-treated human hematopoietic stem and progenitor cells secrete calprotectin that inhibits erythropoiesis. iScience, 28(1), 111522.

Kowash RR, et al. (2025) Novel and potent MICA/B antibody is therapeutically effective in KRAS LKB1 mutant lung cancer models. Journal for immunotherapy of cancer, 13(1).