

Resource Summary Report

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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

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: 20260801T190243+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 14831 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Popek M, et al. (2026) Astrocytic TCF7L2 Impacts Brain Osmoregulation and Restricts Neuronal Excitability. *Glia*, 74(2), e70103.

Serbanescu M, et al. (2026) Effects of Perioperative Exposure on the Microbiome and Outcomes From an Immune Challenge in C57Bl/6 Adult Mice. *Anesthesia and analgesia*, 142(1), 171.

Ratsimandresy RA, et al. (2026) Combined antagonism of Oncostatin M (OSM) and Interleukin 6 (IL-6) provides both anti-fibrotic and anti-inflammatory benefit in pulmonary fibrosis. *bioRxiv : the preprint server for biology*.

Shen D, et al. (2026) Direct and indirect neurogenesis from radial glial progenitor cell clones in the mouse neocortex. *The EMBO journal*, 45(1), 182.

Bussaka K, et al. (2026) Barrington's Nucleus: A Pontine Defecation Brain Area Exhibiting Prompt and Delayed Defecation Responses. *Cellular and molecular gastroenterology and hepatology*, 20(1), 101635.

Miñano S, et al. (2025) Immunometabolic modulators alleviate vascular dysfunction in mice with systemic lupus erythematosus. *Biochemical pharmacology*, 241, 117154.

Biane JS, et al. (2025) Representations of stimulus features in the ventral hippocampus. *Neuron*.

Kaplan HS, et al. (2025) Sensory input, sex and function shape hypothalamic cell type development. *Nature*.

VandenHeuvel SN, et al. (2025) Decellularized Extracellular Matrix Scaffolds to Engineer the Dormant Landscape of Microscopic Colorectal Cancer Liver Metastasis. *Advanced healthcare materials*, e01791.

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.

Huang J, et al. (2025) p38 γ -eIF6-Nsun2 axis promotes ILC3's rapid response to protect host from intestinal inflammation. *The Journal of experimental medicine*, 222(1).

Wu CY, et al. (2025) ACSL3 is a promising therapeutic target for alleviating anxiety and depression in Alzheimer's disease. *GeroScience*, 47(2), 2383.

Fekete Z, et al. (2025) Synaptic communication within the microcircuits of pyramidal neurons and basket cells in the mouse prefrontal cortex. *The Journal of physiology*, 603(20), 6423.

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.

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.

Yang M, et al. (2025) Separate orexigenic hippocampal ensembles shape dietary choice by enhancing contextual memory and motivation. *Nature metabolism*, 7(2), 276.

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.

Li X, et al. (2025) Cortical HFS-Induced Neo-Hebbian Local Plasticity Enhances Efferent Output Signal and Strengthens Afferent Input Connectivity. *eNeuro*, 12(2).

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

Pferdehirt L, et al. (2025) A synthetic chronogenetic gene circuit for programmed circadian drug delivery. *Nature communications*, 16(1), 1457.