

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>

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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: 20260725T190552+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 [kravitz2](#) .

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.

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.

Yamagata S, et al. (2025) Dorsal raphe nucleus MC4R-GABAergic neurons regulate feeding and anxiety. *Molecular metabolism*, 99, 102199.

Wang Q, et al. (2025) AR+TREM2+ macrophage induced pathogenic immunosuppression promotes prostate cancer progression. *Nature communications*, 16(1), 6964.

Loo TM, et al. (2025) Senescence-associated lysosomal dysfunction impairs cystine deprivation-induced lipid peroxidation and ferroptosis. *Nature communications*, 16(1), 6617.

Lu MX, et al. (2025) Paraventricular Glutamatergic Neurons Coordinate Cardiovascular Homeostasis and Locomotion in Mice. *Advanced science* (Weinheim, Baden-Württemberg, Germany), e17353.

Niizuma K, et al. (2025) Donor-Targeted Anti-HLA-A2 Antibody Shows Nanogram-Level Efficacy in a Novel GVHD Mouse Model. *bioRxiv : the preprint server for biology*.

Koff L, et al. (2025) Early Life Exposure to Deltamethrin Impairs Synaptic Function by Altering the Brain-Derived Extracellular Vesicle Proteome. *Molecular & cellular proteomics : MCP*, 24(2), 100902.

Yang WX, et al. (2025) Renal Tubule-Specific Angiotensinogen Deletion Attenuates SGLT2 Expression and Ameliorates Diabetic Kidney Disease in Murine Models of Type 1 Diabetes. *Diabetes*, 74(4), 554.

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

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

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