Resource Summary Report

Generated by PRECISE-TBI on Sep 8, 2026

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

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

Record Creation Time: 20220129T080225+0000

Record Last Update: 20260905T132522+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 15196 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Sarkar SK, et al. (2026) Inhibition of the NLRP3 Inflammasome With MCC950 Improves Gut Health in Huntington's Disease Mice. Journal of neurochemistry, 170(4), e70419.

Zhang K, et al. (2026) Zinc Finger Protein 143 Promotes Endometriotic Lesion Growth and Fibrosis through the Plasminogen Activator Inhibitor-1 Pathway. The American journal of pathology.

Sinha AK, et al. (2026) Elucidating the Role of Muscarinic Acetylcholine Receptor Signalling in Efferent-Mediated Responses of Mammalian Vestibular Afferents. The European journal of neuroscience, 63(10), e70540.

Ciaurro V, et al. (2026) Menin inhibitor DS-1594b drives differentiation and induces synergistic lethality in combination with venetoclax in acute myeloid leukemia cells with rearranged mixed-lineage leukemia and mutated nucleophosmin-1. Haematologica, 111(5), 1610.

Li Q, et al. (2026) Bifurcate Regulation of Hematopoietic Homeostasis and Bone Osteogenesis by VHL-HIF2?-Controlled Adipocyte Function. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(5), e09255.

Barajas JM, et al. (2026) Tandem Duplications in UBTF Create XPO1-Dependent Nuclear Export Signals that Reveal a Leukemic Therapeutic Dependency. Blood cancer discovery, 7(1), 51.

Griffith BD, et al. (2026) Aryl Hydrocarbon Receptor Ligands Drive Pancreatic Cancer Initiation and Progression through Protumorigenic T-cell Polarization. Cancer discovery, 16(1), 114.

Ngwa C, et al. (2026) Peripheral CD200R signaling: A critical regulator of post-stroke inflammation in aged mice. Brain research bulletin, 234, 111686.

Yuan L, et al. (2026) Human assembloids recapitulate periportal liver tissue in vitro. Nature, 650(8101), 438.

Makdissi N, et al. (2026) Kupffer cells control neonatal hepatic metabolism via Igf1 signaling. Development (Cambridge, England), 153(2).

Huhn A, et al. (2026) Murine T-cell receptor OT-I exhibits imperfect discrimination between foreign and self-antigens. The EMBO journal, 45(2), 394.

Fukumoto K, et al. (2026) Liver Sinusoidal Endothelial Cells Promote Metabolic Dysfunction-associated Steatohepatitis Progression via Interleukin-1R1-mediated Chemokine Production Induced by Macrophage-derived Interleukin-1?. Cellular and molecular gastroenterology and hepatology, 20(4), 101698.

Li Y, et al. (2026) Hippocampal Chandelier Cells Modulate Seizure Susceptibility and Severity. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(4), e01066.

Rusznak M, et al. (2026) Genetic diversity of Collaborative Cross mice implicates FFAR3 as a target for ILC2 anti-inflammatory reprogramming. Nature communications, 17(1), 1053.

Zeng J, et al. (2026) Rapid receptor internalization potentiates CD7-targeted lipid nanoparticles for efficient mRNA delivery to T cells and in vivo CAR T-cell engineering. bioRxiv : the preprint server for biology.

Zhu B, et al. (2026) Spatial Profiling Reveals Distinct Molecular and Immune Evolution of Mouse Lung Adenocarcinoma Precancers with or Without Carcinogen Exposure. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(17), e12597.

Prateek GV, et al. (2026) Longitudinal analysis of body weight reveals homeostatic and adaptive traits linked to lifespan in diversity outbred mice. Nature communications, 17(1), 1689.

Bobkov GO, et al. (2026) Extracellular matrix mediates circulating tumor cell clustering in triple-negative breast cancer metastasis. Nature communications, 17(1), 1352.

Cosgun KN, et al. (2026) Targeting ?-catenin degradation with GSK3? inhibitors induces cell death in acute lymphoblastic leukemia. Nature cancer, 7(1), 150.

Sonner JK, et al. (2026) A GDF-15-GFRAL axis controls autoimmune T cell responses during neuroinflammation. Nature immunology, 27(3), 503.