# **Resource Summary Report**

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# **Institute for Laboratory Animal Research**

RRID:SCR\_006872

Type: Tool

## **Proper Citation**

Institute for Laboratory Animal Research (RRID:SCR\_006872)

#### **Resource Information**

URL: http://dels.nas.edu/ilar

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**Description:** The mission of ILAR is to evaluate and disseminate information on issues related to the scientific, technological, and ethical use of animals and related biological resources in research, testing, and education. Using the principles of refinement, reduction, and replacement (3Rs) as a foundation, ILAR promotes high-quality science through the humane care and use of animals and the implementation of alternatives. Through the reports of expert committees, the ILAR Journal, web-based resources, and other means of communication, ILAR functions as a component of the National Academies to provide independent, objective advice to the federal government, the international biomedical research community, and the public. ILAR supports the responsible use of animals in research, testing, and education as a key component to advancing the health and quality of life of humans and animals. It promotes high-quality science and humane care and use of research animals based upon the principles of refinement, replacement, and reduction (the 3Rs) and high ethical standards. It fosters best practices that enhance human and animal welfare by organizing and disseminating information and by facilitating dialogue among interested parties. It has developed a unique Search Engine to search for animal models and strains. This search engine surveys all the websites of vendors and repositories of laboratory animals and biological material on our Links page. The ILAR develops guidelines on laboratory animal care and use and conducts conferences, symposia, and workshops on important laboratory animal problems. ILAR publishes the ILAR Journal on a quarterly basis, as well as conference proceedings and special reports prepared by committees of experts. A list of ILAR publications on issues related to laboratory animal research is available on the Web site. As part of the Animal Models and Genetic Stocks Information Exchange Program, ILAR staff members answer direct telephone and mail inquiries and maintain a Web page containing a database on animal models and genetic stock. The Web site also offers a comprehensive search engine that enables users to find information on the existence and

location of special animal models, correct nomenclature to identify animals, and related topics such as diseases of animals and relevant publications. Sponsors: ILAR receives funding from the following sponsors: -Abbott Laboratories -Abbott Fund -American College of Laboratory Animal Medicine (ACLAM) -American Society of Laboratory Animal Practitioners (ASLAP) -Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC) -Bristol-Myers Squibb Co. -Charles River -Charles River Laboratories Foundation -Covance -Federation of American Societies for Experimental Biology (FASEB) -GlaxoSmithKline -Merck & Co., Inc. -National Science Foundation (NSF) -Pfizer -Scientists Center for Animal Welfare (SCAW) -U.S. Department of Agriculture (USDA) -U.S. Department of the Army -U.S. Department of Health and Human Services (DHHS) :\*National Institutes of Health (NIH) :\*Office of Research Integrity (ORI) -U.S. Department of the Navy -U.S. Department of Veterans Affairs -Wellcome Trust -Wyeth Pharmaceuticals

Synonyms: ILAR

Resource Type: standard specification, data or information resource, narrative resource

**Keywords:** education, ethical, animal, biological, biomedical, health, human, laboratory, life, quality, research, scientific, technological, test

**Funding:** 

Resource Name: Institute for Laboratory Animal Research

Resource ID: SCR\_006872

**Alternate IDs:** nif-0000-24355

**Record Creation Time:** 20220129T080238+0000

**Record Last Update:** 20250517T055758+0000

### Ratings and Alerts

No rating or validation information has been found for Institute for Laboratory Animal Research.

No alerts have been found for Institute for Laboratory Animal Research.

#### Data and Source Information

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 14 mentions in open access literature.

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

Kaiser-Graf D, et al. (2023) Tissue lipidomic profiling supports a mechanistic role of the prostaglandin E2 pathway for albuminuria development in glomerular hyperfiltration. Frontiers in network physiology, 3, 1271042.

Schulz A, et al. (2019) Analysis of the genomic architecture of a complex trait locus in hypertensive rat models links Tmem63c to kidney damage. eLife, 8.

Failor SW, et al. (2018) Monocular enucleation alters retinal waves in the surviving eye. Neural development, 13(1), 4.

Webster AF, et al. (2015) Impact of Genomics Platform and Statistical Filtering on Transcriptional Benchmark Doses (BMD) and Multiple Approaches for Selection of Chemical Point of Departure (PoD). PloS one, 10(8), e0136764.

Gil-Ortega M, et al. (2015) Genetic predisposition to albuminuria is associated with increased arterial stiffness: role of elastin. British journal of pharmacology, 172(17), 4406.

Webster AF, et al. (2015) Mining the Archives: A Cross-Platform Analysis of Gene Expression Profiles in Archival Formalin-Fixed Paraffin-Embedded Tissues. Toxicological sciences: an official journal of the Society of Toxicology, 148(2), 460.

Karpinka JB, et al. (2015) Xenbase, the Xenopus model organism database; new virtualized system, data types and genomes. Nucleic acids research, 43(Database issue), D756.

Webster AF, et al. (2014) Bromodeoxyuridine (BrdU) treatment to measure hepatocellular proliferation does not mask furan-induced gene expression changes in mouse liver. Toxicology, 323, 26.

Webster AF, et al. (2014) Gene expression analysis of livers from female B6C3F1 mice exposed to carcinogenic and non-carcinogenic doses of furan, with or without bromodeoxyuridine (BrdU) treatment. Genomics data, 2, 117.

Baiula M, et al. (2011) Eosinophil as a cellular target of the ocular anti-allergic action of mapracorat, a novel selective glucocorticoid receptor agonist. Molecular vision, 17, 3208.

Murga-Zamalloa CA, et al. (2010) Interaction of ciliary disease protein retinitis pigmentosa GTPase regulator with nephronophthisis-associated proteins in mammalian retinas. Molecular vision, 16, 1373.

Chee KN, et al. (2010) Expression of the sodium potassium chloride cotransporter (NKCC1) and sodium chloride cotransporter (NCC) and their effects on rat lens transparency. Molecular vision, 16, 800.

Gesslein B, et al. (2010) Mitogen-activated protein kinases in the porcine retinal arteries and neuroretina following retinal ischemia-reperfusion. Molecular vision, 16, 392.

Liu J, et al. (2008) Different tropism of adenoviruses and adeno-associated viruses to

corneal cells: implications for corneal gene therapy. Molecular vision, 14, 2087.