

Resource Summary Report

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Rhesus Monkey Breeding and Research

RRID:SCR_008357

Type: Tool

Proper Citation

Rhesus Monkey Breeding and Research (RRID:SCR_008357)

Resource Information

URL: <http://www.kccmr.org/>

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Description: This colony provides a national resource of rhesus monkeys and their tissues to carry out research benefiting the scientific community. The RMBRR maintains a colony of monkeys that have been derived to be specific pathogen free for members of both the herpes and retrovirus families. Over its history, the RMBRR has developed specialized management techniques, housing facilities and highly trained staff to avail these purposefully bred laboratory models, which are 93% genetically identical to humans, to researchers worldwide. Historically, this animal model has been instrumental in research involving blood classification, polio vaccine development, and drug safety and efficacy while currently they are the preferred model for studying the mechanisms of immunodeficiency diseases. Their susceptibility to Simian Immunodeficiency Virus and their homology to the human major histocompatibility complex (MHC) Class I, II and TCR genes make them valuable in HIV research. They are currently the models of choice for HIV/AIDS vaccine development and study. Other areas of research include atherosclerosis, myocarditis, alcoholism, diabetes, cancer and aging. The overall objectives of this resource are to improve the resources available at the RMBRR and to conduct resource-relevant research that improves both the health of the rhesus colony and its usefulness for studies of human disease. The Resource and Management Core is responsible for providing animal resources, tissues/biological fluids, cell lines, expert advice and research support to NIH extramural and intramural programs, other federal agencies and to private sponsors. The Resource-Related Research Core conducts research to improve the health of the animals maintained with special emphasis on studies that will enhance the usefulness of the rhesus as a model for studies of human disease.

Abbreviations: RMBRR

Synonyms: KCCMR Rhesus Monkey Breeding and Research, KCCMR RMBRR, Keeling Center for Comparative Medicine and Research Rhesus Monkey Breeding and Research

Resource Type: biomaterial supply resource, material resource, tissue bank

Keywords: animal model, tissue, live animal, cell line, bodily fluid, vaccine development, vaccine

Related Condition: Immunodeficiency disease, Human immunodeficiency virus, AIDS, Atherosclerosis, Myocarditis, Alcoholism, Diabetes, Cancer, Aging

Funding:

Availability: Public: available to researchers worldwide

Resource Name: Rhesus Monkey Breeding and Research

Resource ID: SCR_008357

Alternate IDs: nif-0000-25893

Record Creation Time: 20220129T080247+0000

Record Last Update: 20250426T060029+0000

Ratings and Alerts

No rating or validation information has been found for Rhesus Monkey Breeding and Research.

No alerts have been found for Rhesus Monkey Breeding and Research.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.