Resource Summary Report

Generated by NIF on Apr 25, 2025

Squirrel Monkey Breeding and Research Resource

RRID:SCR_006291
Type: Tool

Proper Citation

Squirrel Monkey Breeding and Research Resource (RRID:SCR_006291)

Resource Information

URL: https://www.mdanderson.org/research/departments-labs-institutes/programs-centers/michale-e-keeling-center-for-comparative-medicine-and-research/national-research-resources-program.html

Proper Citation: Squirrel Monkey Breeding and Research Resource (RRID:SCR_006291)

Description: SMBRR maintains the only self-sustaining national research resource of laboratory-born squirrel monkeys, their tissues and other biological materials, as well as the expertise to carry out research on this animal. Scientists with NIH grants utilize squirrel monkeys to study many diseases that threaten human health including Alzheimer's disease and other disorders of the central nervous system, drug addiction, malaria, and viral diseases. Center that carries out research on squirrel monkey biology and its research uses. It meets the needs of the biomedical research community in three ways: providing national resource for laboratory-born squirrel monkeys, having active research component that continues to add new information about the biology of the squirrel monkey with a particular emphasis on reproduction and colony management, and acts as a source of expertise for squirrel monkey biology, management and husbandry.

Abbreviations: SMBRR

Synonyms: Keeling Center for Comparative Medicine and Research Squirrel Monkey Breeding and Research Resource, KCCMR SMBRR, KCCMR Squirrel Monkey Breeding and Research Resource

Resource Type: biomaterial supply resource, data or information resource, portal, project portal, material resource, tissue bank

Keywords: ORIP, Office of Research Infrastructure Programs, reproductive biology, behavior, reproduction, disease, colony management, tissue, live animal, bodily fluid

Funding: NIH Office of the Director P40 OD010938

Availability: Public

Resource Name: Squirrel Monkey Breeding and Research Resource

Resource ID: SCR_006291

Alternate IDs: nlx_151947

Alternate URLs: https://reporter.nih.gov/search/oopkAZDMqkCSLpwC7X2hHg/project-details/10558468, https://orip.nih.gov/comparative-medicine/programs/vertebrate-models, http://www.kccmr.org/

Record Creation Time: 20220129T080235+0000

Record Last Update: 20250425T055520+0000

Ratings and Alerts

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

No alerts have been found for Squirrel Monkey Breeding and Research Resource.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Hanley KA, et al. (2023) Immunologically mediated trade-offs shaping transmission of sylvatic dengue and Zika viruses in native and novel non-human primate hosts. bioRxiv : the preprint server for biology.

Bremer PT, et al. (2023) Investigation of monoclonal antibody CSX-1004 for fentanyl overdose. Nature communications, 14(1), 7700.

Vale GL, et al. (2022) Female squirrel monkeys' (Saimiri boliviensis) responses to inequity in

a group context; testing a link between cooperation and inequity responses. Animal behaviour, 193, 51.

Nehete PN, et al. (2021) Effects of relocation on immunological and physiological measures in female squirrel monkeys (Saimiri boliviensis boliviensis). PloS one, 16(2), e0240705.

Nehete PN, et al. (2021) Short-Term Relocation Stress-Induced Hematological and Immunological Changes in Saimiri boliviensis boliviensis. Journal of immunology research, 2021, 5318590.

Patel AG, et al. (2021) Innate immunity stimulation via CpG oligodeoxynucleotides ameliorates Alzheimer's disease pathology in aged squirrel monkeys. Brain : a journal of neurology, 144(7), 2146.

Rogers DL, et al. (2020) Epidemiological and molecular characterization of a novel adenovirus of squirrel monkeys after fatal infection during immunosuppression. Microbial genomics, 6(9).

Paddock K, et al. (2020) Comparative dental anatomy in newborn primates: Cusp mineralization. Anatomical record (Hoboken, N.J. : 2007), 303(9), 2415.

Mulholland MM, et al. (2020) Neonatal activity and state control differences among three squirrel monkey subspecies (Saimiri sciureus sciureus, S. boliviensis boliviensis, and S. boliviensis peruviensis). American journal of primatology, 82(11), e23048.

Nehete PN, et al. (2020) Class C CpG Oligodeoxynucleotide Immunomodulatory Response in Aged Squirrel Monkey (Saimiri Boliviensis Boliviensis). Frontiers in aging neuroscience, 12, 36.

Mulholland MM, et al. (2020) Rearing condition may alter neonatal development of captive Bolivian squirrel monkeys (Saimiri boliviensis boliviensis). Developmental psychobiology, 62(7), 909.

Koch LG, et al. (2019) Rat Models of Exercise for the Study of Complex Disease. Methods in molecular biology (Clifton, N.J.), 2018, 309.

Vale GL, et al. (2019) Responses to Economic Games of Cooperation and Conflict in Squirrel Monkeys (Saimiri boliviensis). Animal behavior and cognition, 6(1), 32.

Hopper LM, et al. (2019) Testing the weekend effect hypothesis: Time of day and lunar phase better predict the timing of births in laboratory-housed primates than day of week. American journal of primatology, 81(7), e23026.

Vanchiere JA, et al. (2018) Experimental Zika Virus Infection of Neotropical Primates. The American journal of tropical medicine and hygiene, 98(1), 173.

Nehete PN, et al. (2018) Cellular immune responses in peripheral blood lymphocytes of Giardia infected squirrel monkey (Saimiri boliviensis boliviensis) treated with Fenbendazole. PloS one, 13(11), e0198497.

Chen Z, et al. (2018) Complete Genome Sequences of Three Novel Saimiri sciureus Papillomavirus Types Isolated from the Cervicovaginal Region of Squirrel Monkeys. Genome announcements, 6(1).

Milich KM, et al. (2018) Methods for detecting Zika virus in feces: A case study in captive squirrel monkeys (Saimiri boliviensis boliviensis). PloS one, 13(12), e0209391.

Thomas GWC, et al. (2018) Reproductive Longevity Predicts Mutation Rates in Primates. Current biology : CB, 28(19), 3193.

Williams LE, et al. (2017) Socialization of adult owl monkeys (Aotus sp.) in Captivity. American journal of primatology, 79(1), 1.