

Resource Summary Report

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Vervet Research Colony

RRID:SCR_012849

Type: Tool

Proper Citation

Vervet Research Colony (RRID:SCR_012849)

Resource Information

URL: <https://school.wakehealth.edu/departments/pathology/comparative-medicine/vervet-research-colony>

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Description: Center emphasizes development of the vervet as an alternative to the rhesus monkey for biomedical research applications. Its objectives are to provide SPF animals, husbandry information, access to the pedigreed and genotyped colony for research manipulations, and access to the repository for hypothesis testing and pilot data generation.

Synonyms: Vervet

Resource Type: organism supplier, biomaterial supply resource, material resource

Keywords: endocrine, experiment, genetic, analysis, anatomy, animal, application, assessment, behavior, biomedical, clinical, colony, development, diabetes, dietary, genotype, genotyped, husbandry, insulin, lifespan, monkey, neurobiological, obesity, osteoarthritis, osteoporosis, pathology, phenotypic, pregnancy, psychopathology, research, resistance, rhesus, social, trait, vervet

Funding: NIH Office of the Director P40 OD010965

Resource Name: Vervet Research Colony

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Alternate URLs: <https://orip.nih.gov/comparative-medicine/programs/vertebrate-models>, <http://www.wfubmc.edu/wfupc>

Record Creation Time: 20220129T080312+0000

Record Last Update: 20260903T235156+0000

Ratings and Alerts

No rating or validation information has been found for Vervet Research Colony.

No alerts have been found for Vervet Research Colony.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 114 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Kavanagh K, et al. (2023) Early time-restricted feeding improves high-density lipoprotein amount and function in nonhuman primates, without effects on body composition. Obesity (Silver Spring, Md.), 31 Suppl 1(Suppl 1), 75.

Caspers S, et al. (2022) Additional fiber orientations in the sagittal stratum-noise or anatomical fine structure? Brain structure & function, 227(4), 1331.

Asangba AE, et al. (2022) Large Comparative Analyses of Primate Body Site Microbiomes Indicate that the Oral Microbiome Is Unique among All Body Sites and Conserved among Nonhuman Primates. Microbiology spectrum, 10(3), e0164321.

Frye BM, et al. (2022) Early Alzheimer's disease-like reductions in gray matter and cognitive function with aging in nonhuman primates. Alzheimer's & dementia (New York, N. Y.), 8(1), e12284.

Vemuri R, et al. (2022) Hypertension promotes microbial translocation and dysbiotic shifts in the fecal microbiome of nonhuman primates. American journal of physiology. Heart and circulatory physiology, 322(3), H474.

Crofts KF, et al. (2022) Analysis of R848 as an Adjuvant to Improve Inactivated Influenza Vaccine Immunogenicity in Elderly Nonhuman Primates. Vaccines, 10(4).

Petrullo L, et al. (2022) The early life microbiota mediates maternal effects on offspring growth in a nonhuman primate. iScience, 25(3), 103948.

Garside JC, et al. (2022) Xenon-enhanced computed tomography assessment of brown adipose tissue distribution and perfusion in lean, obese, and diabetic primates. Obesity (Silver Spring, Md.), 30(9), 1831.

Clemens EA, et al. (2022) TLR agonists induce sustained IgG to hemagglutinin stem and modulate T cells following newborn vaccination. NPJ vaccines, 7(1), 102.

Balamayooran G, et al. (2022) Epizootic Yersinia enterocolitica in captive African green monkeys (Chlorocebus aethiops sabaeus). Frontiers in veterinary science, 9, 922961.

Zhou X, et al. (2022) Circulating S-Glutathionylated cMyBP-C as a Biomarker for Cardiac Diastolic Dysfunction. *Journal of the American Heart Association*, 11(11), e025295.

Menzel M, et al. (2022) Automated computation of nerve fibre inclinations from 3D polarised light imaging measurements of brain tissue. *Scientific reports*, 12(1), 4328.

Ruggiero AD, et al. (2022) Macrophage Phenotypes and Gene Expression Patterns Are Unique in Naturally Occurring Metabolically Healthy Obesity. *International journal of molecular sciences*, 23(20).

Jasinska AJ, et al. (2022) Epigenetic clock and methylation studies in vervet monkeys. *GeroScience*, 44(2), 699.

Clemens EA, et al. (2021) An R848-Conjugated Influenza Virus Vaccine Elicits Robust Immunoglobulin G to Hemagglutinin Stem in a Newborn Nonhuman Primate Model. *The Journal of infectious diseases*, 224(2), 351.

Roy Chowdhury U, et al. (2021) Pharmacological Profile and Ocular Hypotensive Effects of Cromakalim Prodrug 1, a Novel ATP-Sensitive Potassium Channel Opener, in Normotensive Dogs and Nonhuman Primates. *Journal of ocular pharmacology and therapeutics : the official journal of the Association for Ocular Pharmacology and Therapeutics*, 37(5), 251.

Vemuri R, et al. (2021) Age-Related Colonic Mucosal Microbiome Community Shifts in Monkeys. *The journals of gerontology. Series A, Biological sciences and medical sciences*, 76(11), 1906.

Shively CA, et al. (2021) Nonhuman primates at the intersection of aging biology, chronic disease, and health: An introduction to the *American Journal of Primatology* Special Issue on aging, cognitive decline, and neuropathology in nonhuman primates. *American journal of primatology*, 83(11), e23309.

Alberto GE, et al. (2021) MEG source imaging detects optogenetically-induced activity in cortical and subcortical networks. *Nature communications*, 12(1), 5259.

Chan J, et al. (2021) Efficiency of whole-exome sequencing in old world and new world primates using human capture reagents. *Journal of medical primatology*, 50(3), 176.