

ORIP

Concept Clearance: Reissue - PAR-14-280, PAR-17-006, PAR-17-255 (Limited Competition), PAR-18-669 (Limited Competition), RFA-OD-17-001 (Limited Competition)

Animal Models and Animal and Biological Materials Center and Resource Programs

Objective: To support special colonies of laboratory animals, animal-related models, and other resources such as informatics tools, reagents, cultures (cells, tissues, and organs) and genetic stocks that serve the biomedical research community in a variety of research areas on a national basis



Funds Available and Anticipated Number of Awards: Contingent upon NIH appropriations and the submission of meritorious applications

Award Project Period: 4 or 5 years

Council Action: Vote for continued support of the “Animal Models and Animal and Biological Materials Center and Resource Programs”

Current Centers Portfolio


Biological Materials and Informatics, Other

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- National Natural Toxins Research Center
 - Referral Center for Animal Models of Human Genetic Disease
 - Nonhuman Primate Reagent Resource
 - *Drosophila* Genomics Resource Center
 - Center for Neuroanatomy with Neurotropic Viruses
 - *Caenorhabditis* Genetics Center

Primate

- 
- Squirrel Monkey Breeding and Research Resource
 - Vervet Research Colony
 - Specific Pathogen Free Baboon Research Resource
 - Caribbean Primate Research Center

Rodent

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- National Gnotobiotic Rodent Resource
 - Rat Resource and Research Center
 - Special Mouse Strains Resource
 - Resource for Rat Genetic Models of Aerobic Capacity

Amphibian

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- National *Xenopus* Resource Center
 - *Ambystoma* Genetic Stock Center

Fish

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- Zebrafish International Resource Center

Invertebrate

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- Bloomington *Drosophila* Stock Center
 - National Resource for *Aplysia*
 - Resource Center for *Tetrahymena*

Pilot Centers & Other Resources Portfolio

- Specialized centers supporting collaborative research that link current personalized medicine efforts in human subjects with advances in animal genomics and technologies for genetic manipulation and creation of interspecies somatic hybrids
 - The Jackson Laboratory Center for Precision Genetics: From New Models to Novel Therapeutics (JCPG; The Jackson Laboratory, ME)
 - A New Disease Platform Leveraging Complex Drosophila and Mammalian Models (MCPC; The Mount Sinai Hospital, NY)
 - MSKCC Pilot Center for Precision Disease Modeling (MSKCC; Memorial Sloan-Kettering Cancer Center, NY)
- National Swine Resource and Research Center (NSRRC)
- Specific Pathogen-Free (SPF) Macaque Breeding Colonies
- Human Tissue and Organ Research Resource (HTORR)

Concept Clearance



Continue support for the...
**Animal Model and Animal and
Biological Materials Center and
Resource Programs**