

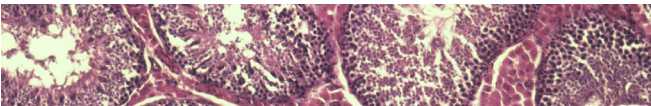


THE DONATION PROCESS:

The NIA tissue bank is trying to expand its collection of tissue samples from both aged and young control non-human primates. Interested researchers and institutions will receive a tissue preservation kit and all shipping costs will be paid by the NIA. Included in the kit are collection instructions, an animal history form, return shipping labels, and prelabeled materials for cryogenic and fixed tissue preservation. Donating institutions need to provide 10% neutral buffered formalin, OCT freezing media, and dry ice for shipping.

The NIA tissue bank accepts complete and partial collections of tissues. Complete collections are preferred, but it is recognized that aged animals are quite valuable. It is often possible to “piggy-back” a partial NIA tissue bank donation with a research tissue collection.

Once a tissue collection has been completed at the donating institution, samples are submitted with the health history and necropsy findings to the Wisconsin National Primate Research Center (WNPRC). At the WNPRC, samples are inventoried and entered into the NIA tissue bank inventory for distribution to researchers. Cryogenically persevered samples are divided between multiple ultra-low freezers to ensure sample safety and fixed tissues are processed and embedded in paraffin.



ADDITIONAL SPECIES NEEDED:

The NIA tissue bank continues to accept donations from the currently available species. However, the NIA tissue bank would like to expand the available species in the bank. Research species currently not represented in the tissue bank include, but are not limited to:

- Cebus sp. / Sapajus sp. (Capuchins)
- Macaca arctoides (Stump-tailed macaque)
- Macaca leonina (N. pig-tailed macaque)
- Macaca nemestrina (S. pig-tailed macaque)
- Pan troglodytes (Common chimpanzee)
- Pan paniscus (Bonobo)
- Saguinus oedipus (Cotton-top tamarin)
- Saimirisciureus (Common squirrel monkey)

TO DONATE TISSUES, CONTACT:

Wisconsin National Primate Research Center

Phone: 608-263-3559

Fax: 608-890-2736

NIATissueBank@primate.wisc.edu

FOR ADDITIONAL INFORMATION ONLINE:

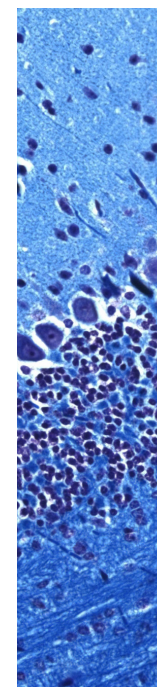
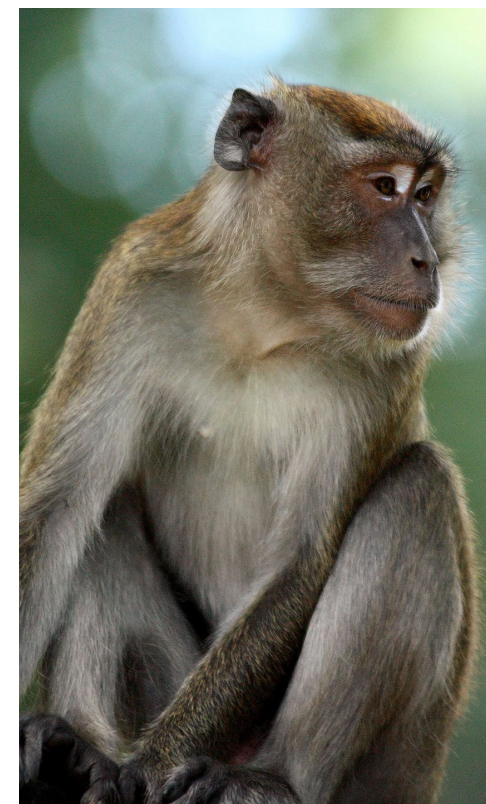


National
Institute
on Aging



Wisconsin National
Primate Research Center
UNIVERSITY OF WISCONSIN-MADISON

NIA Aged Non-Human Primate Tissue Bank

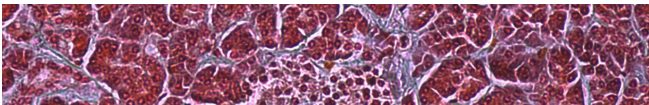




OBJECTIVE:

The National Institute on Aging's Aged Non-Human Primate Tissue Bank's objective is to acquire, archive, and distribute tissues from non-human primates from institutions around the country.

From a genetic, physiological, and behavioral perspective, non-human primates are our closet relatives. Aged non-human primates are very important for understanding chronic disease and diseases of aging. Current programs supported by the NIA that involve animal models of aging include immunology, endocrinology, metabolism, pharmacology, neurobiology, muscle physiology, behavior, cognition, genetics, and nutrition.



RESEARCH SAMPLES:

Research samples are available to investigators at academic and nonprofit research institutions who are engaged in funded research on aging. Samples are preserved for a wide range of molecular and histochemical techniques to facilitate a diverse array of research across many disciplines. Some of the techniques which can be performed include:

- Morphology studies
- RNA isolation and sequencing
- DNA isolation and sequencing
- Immunohistochemistry
- Protein bioseparation
- Protein sequencing
- Peptide mass fingerprinting


Through the NIA tissue bank, non-human primate tissues are available for approved aging research at no cost. Collecting and distributing samples from a central repository reduces the number of animals necessary to conduct vital research by enabling multiple investigators to utilize each animal donated.



TISSUE TYPE AVAILABILITY:


Adipose
Aortic Arch
Bone
Brain
Cecocolic Junction
Colon
Esophagus
Eye
Heart
Jejunum
Kidney
Liver
Lung
Lymph nodes
Mammary tissue
Muscle
Ovary
Pancreas
Placenta
Prostate
Salivary gland
Serum
Skin
Spleen
Stomach
Testes
Thymus
Tongue
Trachea
Uterus

Additional tissues available



SPECIES AVAILABILITY:

Callithrix jacchus (Common marmoset)
Macaca fascicularis (Long-tailed macaque)
Macaca fuscata (Japanese macaque)
Macaca mulatta (Rhesus macaque)
Papio anubis (Olive baboon)
Saguinus mystax (Moustached tamarin)



TO ORDER SAMPLES, CONTACT:

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