

Resource Summary Report

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WaNPRC Pathology and Tissue Program

RRID:SCR_005589

Type: Tool

Proper Citation

WaNPRC Pathology and Tissue Program (RRID:SCR_005589)

Resource Information

URL: <http://www.wanprc.org/primate-resources/pathology-tissue-program/>

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Description: A comparative pathology unit offering pathology support, training programs, and a Tissue Distribution Program (TDP). The TDP provides a wide variety of nonhuman primate tissues to investigative groups within and outside the Washington National Primate Research Center (WaNPRC). Tissue and pathology services (ACVP board certified Veterinary Pathologists), full histology services (including immunohistochemistry and frozen sectioning), and protocol development consultation are available. The Pathology and Tissue Program is an integration of comparative pathology activities occurring at the Washington National Primate Research Center and those occurring within the University of Washington Department of Comparative Medicine ((DCM). Using this model, Washington National Primate Research Center pathologists provide routine pathology support for Washington National Primate Research Center animals, with ancillary support, expertise, and guidance provided by DCM pathologists and mission-dedicated technicians and laboratories. This integrated comparative pathology unit also provides an excellent training opportunity for students such as those enrolled in the Department of Comparative Medicine post-doctoral training program, which offers training in laboratory animal medicine and comparative pathology. A particularly important function of this comparative pathology unit is support of the Tissue Distribution Program. The TDP provides a wide variety of nonhuman primate tissues to investigative groups within and outside the WaNPRC. This program is an extremely valuable method of conserving the nonhuman primate resource. NHP tissues and biological materials are collected in preparation for RNA/DNA isolation, cell culture, immunohistochemistry/histology, anatomic dissection, and cell sorting. Capabilities of the TDP include, but are not limited to flash frozen preservation, sterile preparation, perfusion, technical surgical dissections, and OCT embedding. In conjunction with the Histology and Imaging core of the University of Washington DCM, research capabilities post-collection include in situ hybridization, confocal and fluorescent microscopy, live cell imaging (DeltaVision), and whole slide scanning with image analysis (Visiopharm, Nikon Elements, and Image Pro). Centralized coordination of nonhuman primate tissue requests with animal availability allows support

for a large number of biomedical programs with significantly decreased impact on the animal resource.

Abbreviations: WaNPRC Pathology & Tissue Program

Synonyms: WaNPRC Pathology and TDP, Washington National Primate Research Center Pathology and Tissue Program, Washington National Primate Research Center Pathology & Tissue Program, Washington National Primate Research Center Pathology Tissue Program, WaNPRC Pathology and Tissue Distribution Program

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

Keywords: tissue, biological material, rna, dna, cell, cell culture, immunohistochemistry, histology, flash frozen, frozen, sterile preparation, perfusion, technical surgical dissection, oct embedded, frozen section, macaca nemestrina, baboon, long-tailed macaque, rhesus monkey, monkey, in situ hybridization, confocal microscopy, fluorescent microscopy, image analysis, material service resource, training service resource, pathology

Funding: NCRR

Availability: Public: The Tissue Distribution Program provides a wide variety of nonhuman primate tissues to investigative groups within and outside the Washington National Primate Research Center.

Resource Name: WaNPRC Pathology and Tissue Program

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Alternate IDs: nlx_146215

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Ratings and Alerts

No rating or validation information has been found for WaNPRC Pathology and Tissue Program.

No alerts have been found for WaNPRC Pathology and Tissue Program.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.