

ABOUT THE NTP

Established in 1978, the National Toxicology Program (NTP) is a focal point within the federal government for evaluating chemical and physical substances we encounter in our daily lives and our environment.

The NTP is charged with:

- Coordinating toxicology research and testing activities.
- Developing approaches and generating data that strengthens and broadens scientific knowledge about substances in our environment.
- Providing information about potentially toxic substances to regulatory and research agencies, medical and scientific communities, and the public.

The NTP strives to obtain the best scientific data using the best research strategies and technologies. The program is committed to impartiality and rigorous scientific peer review and maintains its activities open to public scrutiny and input.

The NTP also convenes conferences, workshops, and panel meetings on important public health topics to bring interested parties together to openly exchange ideas and debate issues.

To learn more about NTP, visit <http://ntp.niehs.nih.gov/>.

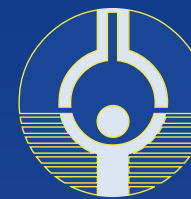


National Toxicology Program
Department of Health and Human Services

For information about and descriptions of NTP studies, go to: <http://ntp.niehs.nih.gov/> and select "Testing Information."



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National Toxicology Program
Department of Health and Human Services



REQUESTING ACCESS TO THE ARCHIVES

The Archives is available to scientists from many groups and research organizations including government, academia, private industry and consultants.

Researchers can obtain access to the NTP Archives and use of its archival resources by submitting a request to:

Ron Herbert, DVM, Ph.D.

E mail: herbert1@niehs.nih.gov

Phone: (919) 541 4613

Mailing Address:

NTP ARCHIVES

PO Box 13566

Research Triangle Park, NC 27709



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
National Institutes of Health

THE NTP ARCHIVES

The world's premiere resource
for toxicology research

National Institute of Environmental Health Sciences
Research Triangle Park, NC 27709

ABOUT THE NTP ARCHIVES

Established in 1984, the National Toxicology Program (NTP) Archives is a state of the art facility, providing the primary public resource for toxicology research. The Archives houses an unmatched collection of research specimens and supporting data from over 2,000 NTP studies. The facility consists of repositories for storage of histologic slides, paraffin blocks, formalin fixed wet tissues, frozen tissues, and printed, microfiched, and electronic study records. Frozen samples include normal tissue, non neoplastic lesions, tumor specimens, DNA, RNA, blood serum, BAL supernatant, urine and sperm suspensions from treated and control rats and mice.

Facilities for photomicroscopy permit acquisition of high quality digital images of histopathologic lesions from glass slides using conventional optical photomicroscopy or high resolution, digital whole slide scanning equipment.

Current resources include samples obtained from over 600,000 laboratory rodents from NTP toxicology and carcinogenicity studies :

- 7.5 million histological slides
- 4.6 million paraffin embedded tissue blocks
- 242,000 bags of formalin preserved tissues
- 74,000 frozen specimens
- Study data including:
 - 3.5 million pages of paper data
 - 10.8 million pages of data on microfiche
 - 1.5 million pages of digital or electronic records on CDs or DVDs
- Histopathology images including:
 - Over 52,000, 2x2 kodachrome slides
 - Over 18,000 digital images
- Pathology and laboratory animal training materials and study sets

EDUCATIONAL RESOURCES

The NTP is recognized as a world leader in toxicologic pathology. The Archives maintains world class collections of educational and training materials on rodent pathology (some of which are on CDs), available to anyone upon request.

State of the art equipment for photomicroscopy permit acquisition of high quality digital images of histopathologic lesions from glass slides using conventional optical photomicroscopy or high resolution whole slide scanning equipment. Histopathologic slides and kodachromes are available for viewing at the Archives. Digital images and collateral data sets and documents are maintained in a Web based database accessible both at the Archives and via the Internet.

NTP staff and affiliated pathologists have authored two authoritative texts on rodent pathology: Pathology of the Fisher Rat (1990) and Pathology of the Mouse (1999) utilizing archival materials.

The following educational materials are currently available on CD:

- Lesions of Genetically Altered Mice
- Mouse Liver Lesions
- Rat Liver Lesions
- Heart Trimming Protocol of the Laboratory Rat
- How to Collect RNA
- An Exercise in Peer Review: the Pathology Working Group
- Rodent Central Nervous System Protocol



ASSISTING SCIENTISTS & ADVANCING SCIENCE

Archival materials are a unique resource for research in toxicologic pathology. The Archives knowledgeable staff can discuss with you archived materials of potential importance to your research.

The Archives provides researchers a rare opportunity to:

- Characterize and compare diverse disease or disease processes that occur spontaneously or are chemically induced.
- Examine collections of rare and unusual lesions.
- Explore observed pathologic responses at the cellular or molecular level to determine mechanisms of disease.
- Explore using chemically induced lesions in rodents as animal models of human disease.

