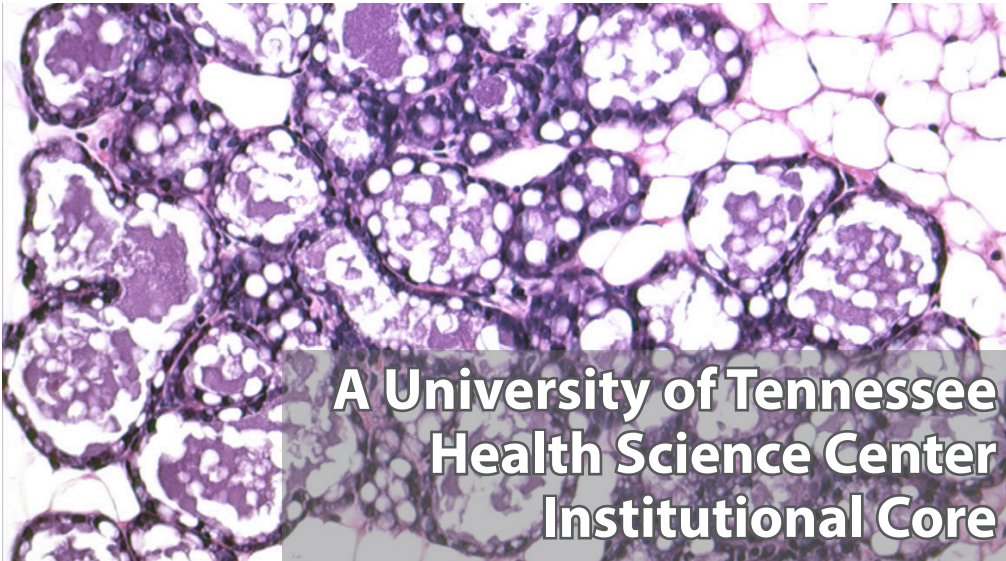


Research Histology Core (RHC)



The Research Histology Core's mission is to provide efficient and high-quality histology services with fast turnaround time to the UTHSC campuses to support basic and translational research, with expert consultation services offered by board-certified pathologists.

Introduction & Services

The Research Histology Core (RHC) was created in 2017 as a partnership between the Department of Pathology and the Office of Research to provide the UTHSC campuses and the Memphis research community with access to high-quality histology services at competitive prices for research specimens. The RHC offers processing, paraffin embedding, sectioning and staining of research specimens, including H&E-staining, and a wide variety of special stains. Sectioning and staining of pre-embedded frozen sections is also available by appointment. The standard turnaround time is five business days. Priority processing (3 business days) is also available for a surcharge. Consultation regarding experimental design, including how to gross tissues prior to fixation, how to submit samples for processing and the recommended stains for sectioned materials is available at no cost from board-certified pathologists. Expert histopathology consultation services are also offered for an hourly fee by the Scientific Director, who is board-certified in anatomic pathology and is an experienced basic science and translational researcher.

Equipment

The core maintains the following equipment:

- 1 Thermo Excelsior Tissue Processor
- 2 Sakura VIP Tissue Processors
- 1 Sakura DRS2000 Autostainer
- 3 Leica microtomes

Core Capabilities

The RHC provides researchers with access to high-quality histology services and to expert consultation on histopathology to support basic and translational research. The RHC supports processing tissue specimens for research purposes, primarily tissues

derived from rodent models or human specimens xenografted into mice. The RHC is managed by an anatomic and clinical pathology board-certified Medical Director with translational research experience, and is staffed by a team of experienced, clinical pathology histotechnologists.

Sample Submission

Samples may be submitted, along with a paper copy of the completed request form, between 9am-4pm, Monday-Friday.

UTHSC Research Cores and Shared Resources

UTHSC Institutional Cores are dedicated to the success of your project. We serve the UTHSC research community by providing access to state-of-the-art equipment and to expert consultation services.
uthsc.edu/research/institutional-cores/index.php

CORE INFORMATION



Scientific Director:
Louisa Balazs, MD, PhD
Email: lbalazs@uthsc.edu

930 Madison Avenue,
Suite 516
901.448.6300



Medical Director:
Abdallah Azouz, MD, PhD
EMAIL: aazouz@uthsc.edu
901.448.6300

Core Location:
930 Madison Ave, Room 545A
901.866.8013
histologycore@uthsc.edu



THE UNIVERSITY OF
TENNESSEE
HEALTH SCIENCE CENTER