



**HISTOLOGY
PATHOLOGY
ARCHIVES**

Our Philosophy:

**Quality service, competitive pricing, secure storage and
a fast turn around on every project.**

It's that simple.



HSRL provides the highest quality histopathology and specimen storage services in an environment compliant with Good Laboratory Practices (GLPs).



We take the time to understand our client's needs and focus our attention on meeting their goals. Below, you'll find the 7 key services on which we've built our business...and our reputation:

Necropsy

Our trained group of prosectors will travel to your facility to perform either small or large animal necropsies

- On-site necropsy prosectors and supervision by a board-certified pathologist

Histology

HSRL's trained histology technicians have been extensively trained in all areas of the histology laboratory. We routinely prepare over 4,000 slides each week from a variety of species including: hamsters, mice, rats, ferrets, guinea pigs, rabbits, dogs, pigs, sheep and non-human primates.

Histology Services Offered:

- Highest quality paraffin processing for GLP and non-GLP studies of all sizes
- Over 100 special stains available
- Routine and non-routine preparation of tissues



Immunohistochemistry

We provide a broad range of routine and advanced immunohistochemical stains on formalin-fixed, paraffin-embedded tissues using the Biocare™ platform. **We offer both brightfield and fluorescence.**

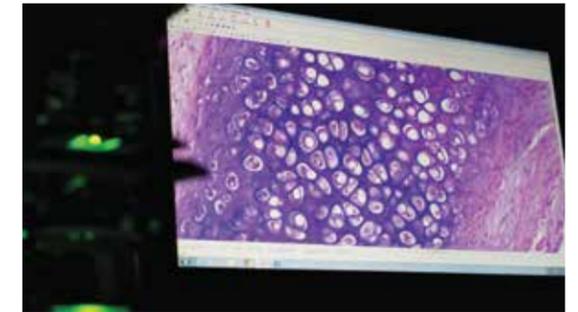
Morphometry/Image Analysis

Successful image analysis begins with the ability to produce high quality images.

Using ImagePro Media Cybernetics software, we can extract quantifiable data by capturing the image, segmenting, classifying and measuring the area of interest.

Slide Scanning

We can provide whole slide image files with multiple magnifications including 2x, 4x 10x, 20x and 40x. Brightfield and fluorescence scanning capabilities are available.



Pathology

HSRL HAS BEEN SERVING THE PHARMACEUTICAL, BIOTECHNOLOGY, AND DRUG DISCOVERY INDUSTRIES SINCE 1999.

The HSRL team prides itself on the scientific quality of our pathology reports, responsiveness to clients, and dedication to honoring deadlines. Using the OECD/FDA-approved and validated Xybion pathology software, HSRL will ensure GLP and Part 11 compliance with on-time delivery. Our pathologists are proficient in all other systems, and can seamlessly enter data using your company's report format.

Pathology Services Offered:

- Toxicologic Pathology
- Reproductive Pathology
- Carcinogenicity: conventional and genetically modified animals
- Animal models of disease
- Protocol design for necropsy, histology, and pathology
- Pathology Peer Review
- Gross Photography
- Illustrated Pathology Glossary and Scoring
- Low and High Magnification Digital Images

Pathology Report Content Menu:

- Verbal Report
- Executive Summary
- Narrative
- Individual Animal Data Tables
- Summary Data Tables

HSRL HAS OVER 60,000 SQUARE FEET OF SPACE AVAILABLE FOR AMBIENT STORAGE.

HSRL's archiving staff has over 50 years experience in GLP archiving. We routinely work with CROs, government agencies, biotechnology, pharmaceutical, medical device and agricultural companies.

Material Services

- Wet Tissue
- Blocks
- Microscope Slides
- Information Data – Paper, Digital Media, X-ray, etc.
- Test Articles/Retained Samples
- Serum/Plasma
- Refrigerated and Frozen Material: 4, -20, and -80 degrees Celsius

Facility And Security That Are State-Of-The-Art

The archives locations were designed for the express purpose of housing GLP compliant research material for the long term. The security, environmental controls/monitoring, and FM-200 fire suppression systems are designed to provide optimal storage conditions for research material.

Additional Services

- Worldwide Courier Services
- Temperature Controlled Shipping
- Certified Witnessed Incineration

GLP Quality Assurance Department

Our Quality Assurance Unit (QAU) ensures compliance with all applicable FDA, EPA, and OECD regulations. HSRL strictly adheres to our Standard Operating Procedures (SOPs) and Good Laboratory Practices

(GLPs) on all regulated studies. All Good Laboratory Practice Standards comply with the United States Environmental Protection Agency (EPA), 40 CFR Part 160; 40 CFR Part 792; and/or the DHHS/Food and Drug Administration (FDA), 21 CFR Part 58.



Contact Information

Locations

HSRL, Inc

5930 Main Street
Mount Jackson, VA
22842

HSRL Archives

140 Orkney Drive
Mount Jackson, VA
22842

Histology/Immuno/Morphometry/ Slide Scanning Projects

Tom Galati
Laboratory Director
tomgalati@hsrl.org
540.477.4440
Fax: 540.477.4448

Pathology Projects

Carrie Harris
VP of Pathology Services
charris@hsrl.org
540.477.4440
Fax: 540.477.4448

Archiving Coordination

Ed Galati
VP of Archiving Operations
edgalati@hsrl.org
540.477.4441
Fax: 540.477.4492

Quality Assurance

Vicky Cook, RQAP-GLP
Director of Quality Assurance
vcook@hsrl.org
540.477.4440
Fax: 540.477.4448