Core Pathology Lab

Services

Tissue Blocks: the Core Pathology Laboratory staff are able to make tissue blocks and sections in:

- Paraffin
- Frozen
- Plastic (bone, metal, polymer)

Lab staff can also analyze chemical stains, for example:

- Hematoxylin and Eosin; H.E_____(Histopathological diagnosis)
- Masson’s Trichrome; M.T ______(tissue fibrous)
- Movat Pentchrome; M.P ________(elastic fiber, collagen, mucins)
- Verhoeff-Van Gieson; VVG/EVG _____(elastic fiber, collagen)
- Alcian Blue ______(mucin)
- Von Kossa ______(calcification)
- Congo Red ______(amyloid)
- Oil red O _________(native lipid)
- Periodic Acid Schiff; PAS _____(glycogen, glycoproteins, glycolipids, mucins)
- Picro Sirius Red; PSR ______(collagen)
- Herovici’s Collagen Stain ______(mature and younger collagen)
- Toluidine Blue _____________(Mast cells)
- Silver stain _________(neuron)

Diagnosis and Analysis: Lab staff are able to complete histopathology diagnosis, experimental analysis, and can perform Immunohistochemistry (IHC), Immunofluorescence (IF) and double IHC or IF stains in:

- Culture cells,
- Paraffin-section
- Frozen-section

User Fees

A modest user fee will be charged to Core Pathology Lab users based on usage with an alternative payment plan available for frequent users.

Hourly Payment Plan

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Hourly Charge</th>
<th>Hourly Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>(primary members of the Libin Institute)</td>
<td>(associate or non-members of the Libin Institute)</td>
<td></td>
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<tr>
<td>Equipment Description</td>
<td>Rate 1</td>
<td>Rate 2</td>
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<td>---------------------------------------------------</td>
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<tr>
<td>Tissue Processor Leica ASP300 S</td>
<td>$20 / hr</td>
<td>$40 / hr</td>
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<tr>
<td>Heated Paraffin Embedding Module Leica EG1150 H</td>
<td>$15 / hr</td>
<td>$30 / hr</td>
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<tr>
<td>Cold Plate for Modular Tissue Embedding System Leica EG1150 C</td>
<td>$15 / hr</td>
<td>$30 / hr</td>
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<tr>
<td>Fully Automated Rotary Microtome Leica RM2255</td>
<td>$15 / hr</td>
<td>$30 / hr</td>
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<tr>
<td>Research Cryostat Leica CM3050 S</td>
<td>$15 / hr</td>
<td>$30 / hr</td>
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<tr>
<td>Olympus SZ61 Zoom Stereo Microscopy</td>
<td>$15 / hr</td>
<td>$30 / hr</td>
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<tr>
<td>Olympus BX53 Fluorescence Microscopy</td>
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<tr>
<td>Olympus BX60 Microscopy</td>
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<td>$30 / hr</td>
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</table>

*Billing will occur on a quarterly basis:*
*April to June, July to September, October to December, January to March*

**Alternative Payment Plan**

<table>
<thead>
<tr>
<th>Payment Plan Description</th>
<th>Fee 1</th>
<th>Fee 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Unlimited Use Contribution</td>
<td>$1,500.00 / yr (primary members of the Libin Institute)</td>
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<tr>
<td></td>
<td>$3,000.00/yr (associate or non-members of the Libin Institute)</td>
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</table>

*Billing will occur on an annual basis; April 1 to March 31.*
*Please note: For PIs who contribute later than April 30th, this usage fee will be pro-rated ($125/month)*
User Agreement
All users must fill out a User Agreement (also available directly from the Core Pathology Lab) prior to submitting samples.

Contact
For more information, please contact:

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