

**Laboratory for Advanced Electron and Light Optical Methods (LAELOM)**  
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**Examples of Charges**

Effective 1/1/2009 (Revised 1/13/11)

1. **TEM sample preparation** (fixation and embedment; up to 4 vials of tissue resulting in 16 blocks) **\$43.00**
  
2. **SEM sample preparation** (fixation, critical point drying, and sputter coating) **\$31.00**  
(\$35.00 if tissue is osmicated)
  
3. **Sectioning** of one block (initial semithins plus staining; initial ultrathins plus post-staining) **\$20.00**
  
4. **Miscellaneous services** (chemical preparation, microscopy) **\$20.00/hr**  
(e.g., 4F:1G fixative costs \$6.00/100 ml; sample vials cost \$0.45, unless they are brought back to the LAELOM for processing)
  
5. **Negative stain preparation** **\$35.00**
  
6. **Equipment use**
  - **TEM**
    - beam charge **\$ 32.00/hr**
    - Kodak negative **\$ 2.50 each**
    - Photographic print **\$ 3.70 each**
    - Gatan digital image file **\$ 1.00 each**
  - **SEM**
    - Beam charge **\$ 32.00/hr**
    - Digital prints **\$ 1.70 each**
  - **Vacuum evaporator** **\$ 7.20/run**
  - **Sputter coater** **\$ 7.20/run**
  - **Critical point dryer** **\$ 4.50/run**
  - **Zeiss photomicroscope** **\$ 11.00/hr**
  - **Vanox photomicroscope/Image Pro Plus morphometry program** **\$ 8.00/hr**
  - **Nikon 2000S inverted photomicroscope** **\$ 8.00/hr**
  - **Wild photomakroskop** **\$ 8.00/hr**
  - **AO Cryostat** **\$ 6.00/hr**
  
7. **Miscellaneous supplies will be sold at cost plus 17%**; we do not supply materials in quantity since it is cheaper and easier for each investigator to provide their own.

**Billings** will normally be sent out on the first of every month for the preceding month's work. **No pre-billing or bartering is possible.**