

Electron Microscopy Lab

Equipment / Technology:

Established in 1985, the RCMC EM Core facility provides complete scanning and transmission services, from specimen fixation/dehydration/critical point drying/embedding/polymerization/block trimming/sectioning/slide-making/formvar-coating, to examination and documentation of prepared samples utilizing JEOL 820 scanning and JEOL 1200EX transmission electron microscopes.

Service Charges:

\$150 per sample preparation; \$300 for off-campus users \$2.50 per TEM negative

This includes:

- a) Complete preparation of samples (i.e. fixation, dehydration, critical point drying, sputter coating, embedding, polymerization, knife-making, trimming, H/E slide-preparation, sectioning, formvar-coated grid preparation and subsequent grid-staining).
- b) Examination and documentation of prepared specimens utilizing Transmission and/or Scanning Electron Microscope.
- c) EM negatives developed and scanned onto CD for investigator.

There is a \$35.00/hr charge for microscope- only access; \$70/hr for off-campus users.



RCMI
Research Centers in
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MOREHOUSE SCHOOL OF MEDICINE



Morehouse School of Medicine
Medical Education Building C
Research Core Facility
720 Westview Dr. SW
Atlanta, GA 30310
404.752.1500
www.msm.edu

Contact Information:

Dr. Woo-Kuen Lo
Electron Microscopy Core Leader
wlo@msm.edu
404.752.1558

Lawrence Brako
Lab Technician
lbrako@msm.edu
404.752.1688

