



User Agreement and Policy

1. Facility

The Integrated Electron Microscopy Core (IEMC) facility is dedicated to give training and services to all user in Electron Microscopy to best of our capabilities and resources. The IEMC is established to be user friendly and user driven for its future growth. We provide equal attention and respect to all projects and investigators without any preference and discrimination.

IEMC is located at two different locations in Emory University. Cherry L. Emerson Hall site provides services and training that include traditional transmission electron microscopy and cryo-electron tomography (Cryo-ET). The newly established Biochemistry Connector site provides services and training in single particle cryo electron microscopy (Cryo-EM).

2. Instrument responsibility

All users are welcome to use the instruments with proper instrument training, reservation and logging to log book each time when they use instruments. Instruments are provided in the good working conditions, in case of any mistakes by users and instrument problem in general, please don't try to troubleshoot or fix the problems, contact the lab manager and responsible person (Contacts below). No individual can use microscopes independently without proper training and approval. First time users will be completely assisted and trained in using the microscopes. Training is based on individual basis, users are charged for the instrument time.

3. Usage and Time distribution.

We used online PPMS system to reserve the microscopes. In case of cancellation please do it 24 hours (one day) in advance so other user can benefit from this time. A minimum of half time will be charged as of reserved time if instrument is not used after reservation. If microscope is free, update the booking and keep using the microscopes.

[Emory Integrated Core Facilities](#)

100 Woodruff Circle, Suite 459

Atlanta, Georgia 30322



To maximize the usage and benefits, equal time slots will be provided to each investigator/group, so all have access to instruments. In general, 2 hours maximal for any given group will be reserved for each group per day in case the microscopes are overbooked (except during data collection on microscopes).

Certain microscope time are reserved for the development, testing and setting up the procedure and pipeline by the core management.

4. General lab and Biosafety

Please review and sign the general Lab and Biosafety Guidelines before you start to work in the IEMC core facility.

5. Training

Please contact in advance for proper training for use of Microscopes, auxiliary instruments at the core, specimen preparation with Core Director. All users will be equally trained in all techniques.

6. Rate Policy

Instruments are charged on per hour basis, please follow the rate packages provided. 1-30 minutes count as 0.5 hour, and more than 30 min constitutes an hour.

7. Acknowledgment and co-authorships.

It's good to recognize the efforts of the core members and its encouraged to consider their name in publication if significant effort is involved in the project.

If you used services provided by the Robert P. Apkarian Integrated Electron Microscopy Core, please include the following acknowledgements in your publications. Please submit the PDF of your publication for our records.

Please use the following text on all publications:

[Emory Integrated Core Facilities](#)

100 Woodruff Circle, Suite 459

Atlanta, Georgia 30322



EMORY
UNIVERSITY

Robert P. Apkarian Integrated Electron Microscopy Core Emory Integrated Core Facilities

"This study was supported in Emory Integrate core facility; Robert P. Apkarian Integrated Electron Microscopy Core (RPAIEMC), at Emory University which is subsidized by School of Medicine and Emory college of Arts and science. Additional support was provided by the Georgia Clinical & Translational Science Alliance of the National Institutes of Health under award number UL1TR000454. The content is solely the responsibility of the authors and does not necessarily reflect the official views of the National Institutes of Health.

Please include the additional text shown below if your research used one of the specific instruments listed:

The data described here was gathered on the TALOS L 120 C TEM.

The data described here was gathered on the TALOS Arctica 200kV TEM.

The data described here was gathered on the JEOL JEM-1400 120kV TEM supported by a National Institutes of Health Grant S10 RR025679.

The data described here was gathered on the JEOL JEM-2200FS 200kV TEM supported by a National Science Foundation Major Research Instrumentation Grant 0923395.

The data described here was gathered on the Hitachi HT7700 120kV TEM supported by the Georgia Clinical and Translational Science Alliance under award number UL1TR002378.

8. Data responsibility

Users are responsible for their data. EM data collected will be kept in our storage server for maximum of 3 weeks. Please bring a hard drive to make yourself a copy, or safely transfer your data to your own server or storage location.

We have cluster with CPU and GPU nodes for data processing, please contact in advance for the availability.

[Emory Integrated Core Facilities](#)

100 Woodruff Circle, Suite 459

Atlanta, Georgia 30322



**Robert P. Apkarian Integrated
Electron Microscopy Core**
Emory Integrated Core Facilities

9. Access to facility during non-working hour

Unsupervised use of microscope is avoided, only specific users allowed by Core Director are allowed to use the microscopes or work in IEMC lab in non-working hours.

[Emory Integrated Core Facilities](#)

100 Woodruff Circle, Suite 459

Atlanta, Georgia 30322