

Electron Microscopy Training Form

Please select the following electron microscope desired for your training:

Basic training

Tecnai Biotwin Tecnai T12

Advanced training (must complete one of the above)

Tecnai TF20 Tomography Tecnai F20 Cryo EM

To be filled out by User/PI and returned to the EM facility

Please ask your business office or PI to verify the COA numbers. The following COA # will be used for charges pertaining to the training.

COA #

PI /Business Office Signature Date

User Name User E-mail

PI Name Department

If use multiple COA numbers:

COA # 1: %

COA # 2: %

COA # 3: %

EM TRAINING POLICIES

Use of electron microscopes in CCMi EM facility requires successful completion of individualized training programs. One-on-one training is provided by the EM facility staff. Due to demand, training should be requested and scheduled with staff members at least 2 weeks in advance. Training will be performed on one of the transmission microscopes: FEI Tecnai T12, Biotwin (basic), F20 Cryo EM or TF20 tomography (advanced) depending on individual needs, skills and applicable EM studies.

The training fee of \$1,000.00 is charged after the first training session is completed. This fee includes the hands-on training and 6 hours of prepaid practice beam time. Training is scheduled in 2-hour sessions. Three to five sessions are normally given depending on the trainee's skill level. Trainees will be required to pass a practical test during the final training session. Upon successful completion of training users will be granted access to the microscope and ability to schedule future EM sessions using the online scheduler. Access to the microscope after hours is allowed only after the user has demonstrated the ability to independently use the scope in an appropriate manner. Decisions on this rest with the Director of the EM facility. Training on high-resolution FEG (Field Emission Gun) equipped electron microscopes (F20 CryoEM and TF20 Tomography) is offered based on specific imaging needs, users must demonstrate abilities to independently operate Biotwin or T12 in the EM facility and have at least 20-hour usage on those microscopes prior to this training.

Training should be completed within 8-10 weeks after the initial training session. The prepaid hours of EM time allow users to improve and maintain their skills after training is completed. Any unused prepaid hours expire 3 months after successful completion of the training.

Comments:

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Lab Phone: (203) 785-5390