Pharmaceutical Microscopy
Jan 22, 2018 8:00am - Jan 26, 2018 12:00pm
This workshop is designed to introduce the major applications of microscopy in pharmaceutical development: polymorphism, particle size analysis, contaminant identification, and glass corrosion.
Learn more

Materials Ultramicrotomy
Jan 30, 2018 8:00am - Feb 1, 2018 4:30pm
Three days of hands-on training for technicians, researchers, and students who want to apply a faster and cleaner preparation method that provides samples with uniform thickness, no embedded contamination, and is cheaper than a FIB.
Learn more

Automated Rapid Processing
Feb 13, 2018 8:00am - Feb 14, 2018 1:00pm
This class will introduce participants to the use of equipment for processing tissue samples for TEM.
Learn more

Aurion Immuno Gold Silver Staining
Feb 20, 2018 8:00am - Feb 22, 2018 4:30pm
Three days of hands-on training for students, researchers, and microscopists who want to learn the most up to date theory and practice in Immuno Gold labeling.
Learn more

Biological SEM
Mar 6, 2018 8:00am - Mar 8, 2018 4:30pm
This course will introduce participants to methods of sample preparation and SEM parameters and operation needed for accurate analysis.
Learn more

Biological TEM
Mar 20, 2018 8:00am - Mar 22, 2018 4:30pm
Theory and practical preparation of buffers, fixatives, and other solutions required for chemical processing of biological samples for TEM.
Learn more
Materials Ultramicrotomy  
Apr 3, 2018 8:00am - Apr 5, 2018 4:30pm  
Three days of hands-on training for technicians, researchers, and students who want to apply a faster and cleaner preparation method that provides samples with uniform thickness, no embedded contamination, and is cheaper than a FIB.  
Learn more

Cryo SEM  
Apr 10, 2018 8:00am - Apr 12, 2018 4:30pm  
This course will cover the process of rapid freezing, fracturing, coating and imaging of a variety of samples.  
Learn more

Pharmaceutical Chemical Imaging  
Apr 17, 2018 8:30am - Apr 18, 2018 5:00pm  
This workshop is designed as an intensive introduction to chemical imaging in pharmaceutical development.  
Learn more

Introduction to Microscopy Techniques  
May 8, 2018 8:30am - May 10, 2018 5:00pm  
This course will give participants an overview of specimen preparation requirements.  
Learn more

X-Ray Microanalysis  
May 15, 2018 8:00am - May 17, 2018 4:30pm  
This course covers qualitative and semi quantitative analysis beginning with the generation of background and characteristic of x-rays, nomenclature, and peak family ratios.  
Learn more

Cryosectioning/Immunogold  
Jun 4, 2018 8:00am - Jun 8, 2018 4:30pm  
Five days of hands-on training for students, researchers, and microscopists who want to learn the most up to date theory and practice in cryosectioning and immunogold labeling.  
Learn more
2018 EMS Microscopy Academy Schedule of Courses

Cryosectioning/Immunogold
Oct 8, 2018 8:00am - Oct 12, 2018 4:30pm
Five days of hands-on training for students, researchers, and microscopists who want to learn the most up to date theory and practice in cryosectioning and immunogold labeling.
Learn more

Cryo SEM
Oct 23, 2018 8:00am - Oct 25, 2018 4:30pm
This course will cover the process of rapid freezing, fracturing, coating and imaging of a variety of samples.
Learn more

Biological TEM
Nov 6, 2018 8:00am - Nov 8, 2018 4:30pm
Theory and practical preparation of buffers, fixatives, and other solutions required for chemical processing of biological samples for TEM.
Learn more

Biological SEM
Nov 13, 2018 8:00am - Nov 15, 2018 4:30pm
This course will introduce participants to methods of sample preparation and SEM parameters and operation needed for accurate analysis.
Learn more