

Veterinary Pathobiology 8452 “Cell and Molecular Electron Microscopy”

Class of 2017

Group A
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Group B
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Schedule

02-06-2017 SEM sample preparation (critical point drying, sputter coating)
10:45-11:15 Group A
11:15-11:45 Group B
02-13-2017 SEM demo (Hitachi S-4700 & Quanta 600 FEG)
10:45-11:15 Group B
11:15-11:45 Group A
02-20-2017 TEM sample preparation (Traditional biological TEM sample prep)
10:45-11:15 Group A
11:15-11:45 Group B
03-06-2017 Ultramicrotomy (2 μ m thick and 75 nm thin sectioning)
10:45-11:15 Group B
11:15-11:45 Group A
03-13-2017 Negative staining, high pressure and plunge freezing vitrification
10:45-11:15 Group A
11:15-11:45 Group B
03-20-2017 TEM demo (JEOL JEM & and FEI F30 Twin)
10:45-11:15 Group B
11:15-11:45 Group A

Deadlines

03/03/2017	Project discussions with EMC staff completed
04/07/2017	Sample preparation with EMC staff completed
04/21/2017	Imaging with EMC staff completed