

## Electron microscopy in Biomedical Research

Mondays 9:15 am to 11 am; and Wednesdays 1:15 pm to 3 pm (Central European time)

- Mon 8.2. Structure and function of transmission electron microscope (TEM). Markus Peurla, Institute of Biomedicine, University of Turku  
Zoom: <https://utu.zoom.us/j/64696546684>
- Wed 10.2. Structure and function of Scanning electron microscope (SEM). Ermei Mäkilä, Department of Physics, University of Turku  
Zoom: <https://utu.zoom.us/j/68491285925>
- Mon 22.2. Preparation of biological specimens for TEM and SEM. Eeva-Liisa Eskelinen, Institute of Biomedicine, University of Turku  
Zoom: <https://utu.zoom.us/j/64651432786>
- Wed 24.2. Analysis of elemental composition with electron microscopy. Ermei Mäkilä  
Zoom: <https://utu.zoom.us/j/68491285925>
- Mon 1.3. Localization of molecules in biological specimens. Eeva-Liisa Eskelinen  
Zoom: <https://utu.zoom.us/j/67894977838>
- Wed 3.3. Correlative light-electron microscopy and occupational safety in EM laboratory. Eeva-Liisa Eskelinen  
Zoom: <https://utu.zoom.us/j/67275290995>
- Mon 8.3. Electron tomography. Markus Peurla and Eeva-Liisa Eskelinen  
Zoom: <https://utu.zoom.us/j/68669476176>
- Wed 10.3. Image interpretation and image presentation. Eeva-Liisa Eskelinen  
Zoom: <https://utu.zoom.us/j/66566574825>
- Mon 15.3. Particle imaging: applications Markus Peurla  
Zoom: <https://utu.zoom.us/j/68055701578>
- Wed 17.3. Cryo electron microscopy Juha Huiskonen, Institute of Biotechnology, University of Helsinki  
Zoom: <https://utu.zoom.us/j/68520730183>

Additional lectures by international experts will be announced later.

## Registration

Send e-mail to [eeva-liisa.eskelinen@utu.fi](mailto:eeva-liisa.eskelinen@utu.fi) before February 5, 2021.