



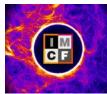
EM - Sample Preparation Series IMCF – BIOCEV

21. Nov 2022 (day 1)

09:00 - 09:15	Get together at IMCF daily room
09:15 - 09:30	Opening of the course (David Liebl)
09:30 - 10:30	Introduction to sample preparation for TEM (Lenka Koptasikova)
10:30 - 10:45	Introduction to sample preparation for SEM (Marketa Dalecka)
10:45 - 11:00	Break
11:00 - 12:30	Practical demonstration (harvesting, fixation, contrasting, dehydration)
12:30 - 13:30	Lunch
13:30 - 15:00	Practical demonstration (resin embedding, block processing)
15:00 - 15:15	Break
15:15 - 16:45	Practical demonstration (drying, mounting and coating for SEM)
16:45 - 17:00	Debreefing

22. Nov 2022 (day 2)

09:00 - 09:15	Get together at IMCF daily room
09:15 - 10:00	Introduction to ultramicrotomy (Lenka Koptasikova)
10:00 - 11:00	Practical demonstration (grids preparation and coating, glass knives making)
11:00 - 11:15	Break
11:15 - 12:30	Practical demonstration (ultramicrotome – functions and operation)
12:30 - 13:30	Lunch
13:30 - 15:00	Practical demonstration (block-trimming and semi-thin section staining)
15:00 - 15:15	Break
15:15 – 16:45	Practical demonstration (ultra-thin sectionning and section contrasting)
16:45 – 17:00	Debreefing





23. Nov 2022 (day 3)

09:00 - 09:15	Get together at IMCF daily room
9:15 - 10:45	Practical hands-on training (Chemical processing and ultramicrotomy) session 1
10:45 - 11:00	Break
11:00 - 12:30	Practical hands-on training (Chemical processing and ultramicrotomy) session 2
12:30 - 13:30	Lunch
13:30 - 15:00	Practical hands-on training (Chemical processing and ultramicrotomy) session 3
15:00 - 15:15	Break
15:15 – 16:45	Sample screening by TEM/SEM
16:45 - 17:00	Debreefing

24. Nov 2022 (day 4)

09:00 - 09:15	Get together at IMCF daily room
9:15 - 10:45	Practical hands-on training (Chemical processing and ultramicrotomy) session 4
10:45 - 11:00	Break
11:00 - 12:30	Practical hands-on training (Chemical processing and ultramicrotomy) session 5
12:30 - 13:30	Lunch
13:30 - 15:00	Practical hands-on training (Chemical processing and ultramicrotomy) session 6
15:00 - 15:15	Break
15:15 - 16:45	Sample screening by TEM/SEM
16:45 - 17:00	Debreefing and end

LOCATIONS (all at BIOCEV building)

Lectures: U1.032 Sample processing: M 1.011 Ultramicrotomy: M1.020 and M1.015 TEM screening: M1.019 SEM screening: M1.013 Lunch: BIOCEV canteen Breaks: M1.004