

399673 Measurement techniques for bioinformatics, Imaging module Organizer: Molecular Imaging Unit (MIU), Biomedicum Helsinki

	We 16.4	Fr 18.4	We 23.4	Fr 25.4
8-9		L: Image analysis (VR)		S: works 4-7
9-10		L: Publication criteria (VR)		P: H: 8, I: 8, J: 9; K: 9
10-11		P: A: 1, B: 2, C:3		P: H: 9, I: 9, J: 8, K: 8
11-12		P: A: 2, B: 3, C: 1		S: works 8-9
12-13	L: Light microscopy (AV)		P: A: 3, B: 1, C: 2	
13-14	L: Advanced microscopy (AV)		S: works 1-3	
14-14.30	L: Image acquisition (ML)		P: D: 4, E: 5, F: 6; G: 7	
14.30-15	L: Image acquisition (ML)		P: D: 5, E: 6, F: 7, G: 4	
15-15.30	L: Image processing (ML)		P: D: 6, E: 7, F: 4, G: 5	
15.30-16	L: Image processing (ML)		P: D: 7, E: 4, F: 5, G: 6	

All lectures and practical work in Biomedicum Helsinki

We 16.4: All lectures in Meeting room 10, P-floor

Fr 18.4: Lectures in Meeting room 11, P-floor; Practical work: 5.floor

We 24.4: Practical work: 5. floor, Summary session: Meeting room 2, P-floor

Fr 25.4: Practical work: 5. floor, Summary sessions: Physiology meeting room, 1. floor

Fr 18.4 and We 23.4. 8-9: three groups (A, B, C)

We 23.4 12-16: four groups (D, E, F, G)

Fr 25.4: four groups (H, I, J, K)

L: lecture	P: practical work	S: summary
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AV: Anne Vaahtokari

ML: Mikko Liljeström

VR: Ville Rantanen

MM: Mia Mönkkönen

HS: Henna Syrjäkari

Practical work (No)	Title	Instructor	Duration	Instrument and location
1	Fluorescence microscopy	VR	1 h	Axioplan 2 (Microscopy room B501b)
2	Transmitted light microscopy	AV	1 h	Axiocvert (Microscopy room B501b)
3	Confocal live cell microscopy	ML	1 h	Duo (Confocal room A503b)
4	High-content screening (HCS)	MM	30 min	ArrayScan (Microscopy room B501b)
5	Image processing	HS	30 min	IW III (MIU office)
6	Deconvolution	ML	30 min	IW 1 (MIU lobby)
7	Cell tracking	VR	30 min	IW II (MIU lobby)
8	HCS analysis	MM+VR	1 h	IW II ArrayScan (MIU lobby; B501b)
9	Image analysis	ML+HS	1 h	IW I IW III (lobby; MIU office)