

Essentials of Neurophysiology: from neurons to circuits to behaviors - Preliminary course program

	Monday, 1 Oct	Tuesday, 2 Oct	Wednesday, 3 Oct	Thursday, 4 Oct	Friday, 5 Oct
09:00-09:30	1. Introduction	Morning Discussion	Morning Discussion	Morning Discussion	Morning Discussion
09:30-10:00	Current Research Joel Glover joel.glover@medisin.uio.no	Joel Glover Johan Storm	Johan Storm Arild Njå Ivar Walaas	Arild Njå Joel Glover	Joel Glover Øyvind Hvalby
10:00-10:15	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
10:15-11:15	2. Neuron Shape and Cytoskeleton Joel Glover	5. The Action Potential Johan Storm	8. Neurotransmitter Receptors and Postsynaptic Effects Arild Njå	11. Synaptic Plasticity 1 Øyvind Hvalby	15. Networks for locomotion and respiration Joel Glover
11:15-12:15	3. Passive Electrical Properties of Neurons Joel Glover	Current Research Arild Njå arild.nja@medisin.uio.no	Current Research Øyvind Hvalby o.c.hvalby@medisin.uio.no	12. Synaptic Plasticity 1 Øyvind Hvalby	16. Networks that Solve Real Problems Joel Glover
12:15	Lunch	Lunch	Lunch	Lunch	12:30 kl Get together / Pizza
13:00-14:00	Break	6. The Synapse Arild Njå	Break	13. Rhythmic Firing Joel Glover	
14:00-14:30	Current Research Johan Storm j.f.storm@medisin.uio.no	Current Research Ivar Walaas s.i.walaas@medisin.uio.no	9. Synaptic integration Joel Glover	14. Biological Neural Networks Joel Glover	
15:00-16:00	4. Ion Channels Johan Storm	7. Neurotransmitters and Release Ivar Walaas	10. Firing Frequency Modulation Joel Glover	Demo Neuron software Ushi Kreneisz	
16:00		Demo Neuron Software Ushi Kreneisz	Demo Neuron Software Ushi Kreneisz	Demo Neuron software Ushi Kreneisz	