

Essentials of Neurophysiology: from neurons to circuits to behaviors – 2013 Course Program

	Monday, 23 Sept Seminarrom 3 B1.1017 RH (Rikshospitalet)	Tuesday, 24 Sept GA02 A1.1004 Lille auditorium GA02 A1.1022 Datarom (Domus Odontologica)	Wednesday, 25 Sept GA02 A1.1004 Lille auditorium GA02 A1.1022 Datarom (Domus Odontologica)	Thursday, 26 Sept GA02 A1.1004 Lille auditorium GA02 A1.1022 Datarom (Domus Odontologica)	Friday, 27 Sept GA02 A1.1004 Lille auditorium (Domus Odontologica)
09:00-10:00		Morning Discussion Joel Glover Johan Storm	Morning Discussion Johan Storm Arild Njå Ivar Walaas	Morning Discussion Arild Njå Joel Glover	Morning Discussion Joel Glover Øyvind Hvalby
10:00-10:15	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
10:15-11:05		Current Research Johan Storm	8. Neurotransmitter Receptors and Postsynaptic Effects Arild Njå	11. Synaptic Plasticity 1 Øyvind Hvalby o.c.hvalby@medisin.uio.no	Current Research Joel Glover
11:15-12:05		6. The Synapse Arild Njå arild.nja@medisin.uio.no	BREAK	12. Synaptic Plasticity 2 Øyvind Hvalby	15. Networks for Locomotion and Respiration Joel Glover
12:15	Lunch	Lunch	Lunch	Lunch	Lunch
13:00-13:50	1. Introduction 2. Neuron Shape / Cytoskeleton Joel Glover joel.glover@medisin.uio.no	Current Research Arild Njå	9. Synaptic Integration Joel Glover	Current Research Øyvind Hvalby	16. Networks that Solve Real Problems Joel Glover
14:00-14:50	3. Passive Electrical Properties of Neurons Joel Glover	7. Neurotransmitters and Release Ivar Walaas s.i.walaas@medisin.uio.no	10. Firing Frequency Modulation Joel Glover	13. Rhythmic Firing Joel Glover	Get together / Pizza
15:00-15:50	4. Electrical signaling and ion channels in neurons Johan Storm j.f.storm@medisin.uio.no	Current Research Ivar Walaas	Lab Neuron Software Ushi Kreneisz	14. Neural Network Building Blocks Joel Glover	
16:00-16:50 (lasts later for Neuron demo/labs)	5. The Action Potential Johan Storm	Demo/Lab Neuron Software Ushi Kreneisz orsolya.kreneisz@medisin.uio.no	Lab Neuron Software Ushi Kreneisz	Lab Neuron software Ushi Kreneisz	