

**Essentials of Neurophysiology: from neurons to circuits to behaviors** - Course program (Week 37, 13-17<sup>th</sup> September, 2010)

	<b>Monday, 13th Sep</b>		<b>Tuesday, 14th Sep</b>		<b>Wednesday, 15th Sep</b>		<b>Thursday, 16<sup>th</sup> Sep</b>	<b>Friday, 17th Sep</b>
	<b>Room GA01 2031 Lille Auditorium (Domus Medica)</b>		<b>GA02 A1.1004 seminarrom GA02 A1.1022 datarom (Domus Odontologica)</b>		<b>GA02 A1.1004 (Domus Odontologica)</b>		<b>GA02 A1.1004 seminarrom GA02 A1.1022 datarom (Domus Odontologica)</b>	<b>GA02 A1.1004 (Domus Odontologica)</b>
		09:00-10:00	Morning Discussion	09:00-10:00	Morning Discussion	09:00-10:00	Morning Discussion	Morning Discussion
09:30-10:00	1. Introduction		<b>Joel Glover Morten Raastad Marie-Claude Perreault</b>		<b>Morten Raastad Arild Njå Ivar Walaas</b>		<b>Arild Njå Øyvind Hvalby Marie-Claude Perreault</b>	<b>Joel Glover</b>
10:00-10:15	Coffee break	10:00-10:15	Coffee break	10:00-10:15	Coffee break	10:00-10:15	Coffee break	Coffee break
10:15-10:45	<i>Current Research</i> <b>Joel Glover</b> <a href="mailto:joel.glover@medisin.uio.no">joel.glover@medisin.uio.no</a>	10:15-11:15	5. The Action Potential  <b>Morten Raastad</b>	10:15-11:15	8. Neurotransmitter Receptors and Postsynaptic Effects  <b>Arild Njå</b>	10:15-11:15	11. Firing Frequency Modulation  <b>Joel Glover</b>	14. Networks that Solve Real Problems  <b>Joel Glover</b>
10:45-11:45	2. Neuron Shape and Cytoskeleton  <b>Joel Glover</b>	11:15-11:45	<i>Current Research</i>  <b>Arild Njå</b> <a href="mailto:arild.nja@medisin.uio.no">arild.nja@medisin.uio.no</a>	11:15-11:45	<i>Current Research</i>  <b>Øyvind Hvalby</b> <a href="mailto:o.c.hvalby@medisin.uio.no">o.c.hvalby@medisin.uio.no</a>	11:15-12:00	12. Rhythmic Firing  <b>Joel Glover</b>	15. Networks that Produce Rhythmic Movements  <b>Marie-Claude Perreault</b>
12:00	Lunch		Lunch		Lunch		Lunch	12:30 kl Get together (Pizza)
13:00-13:30	<i>Current Research</i> <b>Morten Raastad</b> <a href="mailto:morten.raastad@medisin.uio.no">morten.raastad@medisin.uio.no</a>	13:00-14:00	6. The Synapse  <b>Arild Njå</b>	13:00-14:00	10. Synaptic Plasticity  <b>Øyvind Hvalby</b>	13:00-14:00	13. Biological Neural Networks  <b>Marie-Claude Perreault</b>	
13:30-14:30	3. Ion Channels  <b>Morten Raastad</b>	14:00-14:30	<i>Current Research</i>  <b>Ivar Walaas</b> <a href="mailto:s.i.walaas@medisin.uio.no">s.i.walaas@medisin.uio.no</a>	14:00-15:00	9. Synaptic Integration  <b>Marie-Claude Perreault</b>	14:00-	Demo Neuron software  <b>Morten Raastad</b>	
14:30-15:00	<i>Current Research</i> <b>Marie-Claude Perreault</b> <a href="mailto:m.c.perreault@medisin.uio.no">m.c.perreault@medisin.uio.no</a>	14:30-15:30	7. Neurotransmitters and Release  <b>Ivar Walaas</b>					
15:00-16:00	4. Passive Electrical Properties of Neurons  <b>Marie-Claude Perreault</b>	15:30-	Demo Neuron Software  <b>Morten Raastad</b>					