

Ph.D. School 2010: MBV9100BTS: Molecular Biology Research Course

All lectures will take place in Room 10, Forskningsparken, except second session on Friday (room 7).

Week 44:			
Date	1. Session 09:00 – 10:45	2. Session 11:00 – 12:45	3. Session 14:00 – 15:45
Mon Nov. 1st	Topic: Yeast as a model system and the cell cycle Jorrit Enserink	Topic: Hyperglycemia and cellular dysfunction Line M Grønning Wang	Topic: Transgenic Mice Mikael Vestberg
Tue Nov 2nd	Topic: Structural Biology Ute Kregel	Topic: Chromatin IP to study transcriptional control Ian Mills	Topic: Drosophila melanogaster as a model system for cell signaling and disease Tor Erik Rusten
Wed Nov 3rd	Topic: Fighting disease by selective autophagy of aggregate-prone proteins Anne Simonsen	Topic: Genome biology of cancer Rolf I Skotheim	Topic: Role of amino acid transporters in synaptic transmission and metabolism Farrukh Chaudhry
Thur Nov 4th	Topic: Proteomics and cell death Bernd Thiede	Topic: <i>C. elegans</i> as a model system of DNA repair Hilde Nilsen	Topic: Phospho-flow/multi-color flow cytometry June Myklebust
Fri Nov 5th	Topic: Epigenetic programming of stem cells Philippe Collas	Topic: The model system <i>Arabidopsis thaliana</i> Reidunn Aalen NOTE: room 7	Student presentations NOTE: room 7

Week 45			
Date	1. Session 09:00 – 10:45	2. Session 11:00 – 12:45	3. Session 14:00 – 15:45
Mon Nov 8th	Topic: Heritability of epigenetic variation Dag Undlien	Topic: RNAi in functional genomics and therapeutics Mohammed Amarzguioui	Topic: Optical in vivo imaging of gene expression Harald Carlsen
Tue Nov 9th	Topic: Molecular characterization of breast cancer. Research tool and clinical diagnostics Terese Sørлие	Topic: Tools for high-throughput genomic research: mesenchymal biology in health and disease. Leonardo A. Meza-Zepeda	Topic: Two-photon imaging of glial cell function in the living brain: roles of aquaporins Erlend A. Nagelhus
Wed Nov 10th	Topic: Cellular imaging Oddmund Bakke	Topic: PKC in vivo analysis by transgenic mouse models Michael Leitges	Topic: ROS signalling and mitochondrial homeostasis Lars Eide
Thur Nov 11th	Student presentations		
Fri Nov 12th	Writing day		