

Preliminary Program

Thursday 16th September 2010

8:30 – 9:00 *Registration and coffee/exhibition*

Session 1: Transcription 1

9:00 – 9:10	Jussi Taipale, Karolinska Inst., Sweden	Opening and welcome
9:10 – 9:55	Timothy Hughes, U. Toronto, Canada	Mapping the protein-nucleic acid interactome
9:55 – 10:40	Sarah Teichmann, MRC, UK	Genomic analysis of transcriptional regulation in mammals
10:40 – 10:55	<i>Coffee break/exhibition</i>	
10:55 – 11:40	Mitchell Lazar, U. Pennsylvania, USA	Epigenomic regulation of metabolism by nuclear receptors
11:40 – 12:10	Vendor Presentation	TBA
12:10 – 13:10	<i>Lunch break/exhibition</i>	

Session 2: Systems Biology and Synthetic Biology

13:10 – 13:55	Frederic de Sauvage, Genentech, USA	Development of hedgehog pathway inhibitors: from bench to clinic
13:55 – 14:40	Thomas Helleday, Stockholm Univ., Sweden	Homologous recombination: from basic mechanisms to cancer treatments
14:40 – 15:25	Lawrence Lum, U. Texas Southwestern, USA	Wnt signaling: a chemical genomics-based perspective
15:25 – 15:40	<i>Coffee break/exhibition</i>	

Session 3: Proteomics

15:40 – 16:25	Mathias Uhlén, KTH, Sweden	The Human Proteome Project - annotation of the protein encoded genes of the human genome
16:25 – 17:10	Patrick Lemaire, U. Marseilles, France	From genome sequence to the control of cell shapes and morphogenesis in the ascidian <i>Ciona intestinalis</i>
17:10 – 17:20	James Thompson, Karolinska Inst. Sweden	Official opening of Karolinska High Throughput Center (KHTC)
17:20 – 19:30	<i>KHTC visit, poster session, exhibition and get-together</i>	
20:00-	<i>Dinner for the speakers</i>	

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Session 4: Cancer genomics

9:00 – 9:45	Olli Kallioniemi, FIMM, U. Helsinki, Finland	Canceromics
9:45 – 10:30	Rene Bernards, Netherlands Cancer Inst., Holland	Finding mechanisms and biomarkers of drug resistance in cancer
10:30 – 10:45	<i>Coffee break/exhibition</i>	

Session 5: Systems and synthetic biology

10:45 – 11:30 Jussi Taipale, Karolinska Inst., Sweden Systems biology of cancer

11:30 – 12:15 Sanjay Vashee, J. Craig Venter Institute, USA Creating a synthetic cell

12:15 – 13:15 *Lunch break/exhibition*

Session 6: Functional genomics

13:15 – 14:00 Mikael Bjorklund, U. Dundee, UK Cell growth in *Drosophila*—a systems biology perspective

14:00 – 14:45 Brenda Andrews, U. Toronto, Canada Deciphering cellular networks and pathways in budding yeast

14:45 – 15:30 Thijn Brummelkamp, Whitehead Inst., USA Haploid genetic screens in human cells: identification of disease-relevant genes through large-scale gene disruption

15:30 – 15:45 *Coffee break/exhibition*

Session 7: Functional genomics/Transcription 2

15:45 – 16:30 Michael Boutros, DKFZ, Germany Systematic approaches to dissect signaling networks

16:30 – 17:15 Alexander Stark, IMP, Austria ChIP-Seq in six *Drosophila* species reveals a highly similar binding landscape for the developmental transcription factor Twist

17:15 – 18:00 Henk Stunnenberg, NCMLS, Holland A systems biology approach to uncover global transcription factor networks

18:00-til late *KFC/BioNut Autumn pub/party night*