

2nd MICROSYMPOSIUM on SMALL RNAs

IMBA, Vienna, May 21st - 23rd 2007



MICROSYMPOSIUM_{on} SMALL RNAs Program

Monday 21st

12.00-13.30 Lunch at IMP-IMBA cafeteria for speakers and company representatives
13.30-14.00 General setup and short introduction to the meeting

14.00-15.00 *KEYNOTE LECTURE*

Alberto Kornblihtt: "Coupling pol II transcription with alternative pre-mRNA splicing"

15.00-16.00 *MECHANISMS I*

Markus Landthaler: "Proteomics of the human microRNA machinery"

Sven Diederichs: "Novel Insights into microRNA biogenesis and post-transcriptional regulation"

16.00-16.30 *Coffee break*

16.30-19.00 *FUNCTION I*

Helge Grosshans: "let-7 microRNA: biogenesis, function, targets"

Actigenics: Vera Atzorn: "microRNA – capricious gene expression regulators"

Febit: Peter Roberts:

Javier Palatnik: "Specific regulation of gene expression by microRNA family members in plants"

Qiagen: Constanze Kindler: "Efficient and specific quantification of mammalian microRNAs using a novel real-time PCR approach"

Sebastien Pfeffer: "In vitro and in vivo functions of viral microRNAs"



Tuesday 22nd

8.30-9.50 FUNCTION II

Julius Brennecke: "Transposon silencing in the Drosophila germline: piRNAs dance flamenco"

Exiqon: Søren Morgenthaler Echwald: "miRCURY LNA products for microRNA-research"

Gerhard Schratt: "microRNAs in synapse development"

9.50-10.20 Coffee break

10.20-11.40 miRNAs AND CANCER

Reuven Agami: YIP Lecture: "Role of miRNAs in cancer"

Eric Miska: "MicroRNAs in C elegans development and human cancer"

Artemis: Jost Siebler: "Reversible gene knockdown in mice using a tight, inducible shRNA expression system".

11.40-12.30 Lunch

12.30-16.00 Guided tour to Schloss Schönbrunn for speakers and company representatives.

16.30-18.00 BIOINFORMATICS

Anton Enright: "Computational and experimental analysis of microRNA function"

Ivo Hofacker: "Prediction of RNA-RNA Interactions"

Nikolaus Rajewsky: "MicroRNA targets"

18.00-18.15 Mini-break

18.15-20.15 MECHANISMS II

Javier Caceres: "hnRNP A1 is required for the processing of an oncogenic miRNA cluster"

Applied Biosystems: Susan Magdaleno: "Using siRNAs to Elucidate Gene Function – New Tools and Techniques"

BioRad: Javier Alba: "Technological advantages of the 27-mer Dicer-substrate siRNAs in RNAi research".

Javier Martinez: "To allow or to impair RNA silencing?"

Clontech: Laurence H Lamarcq: "New Advanced Tet-inducible System for Tight Control of Gene Silencing"

Dinner at IMBA



Wednesday 23rd

8.30 -10.00 TECHNOLOGY

Michi Hannus: "Identification of novel non-essential host factors required for liver-stage Plasmodium infection, using HT-RNAi screening in human hepatoma cells."

Anastasia Khvorova: "MicroRNA expression profiling, inhibition, and high content screens"

Norbert Polacek: "Subtractive hybridization identifies novel differentially expressed ncRNA species in EBV infected human B cells"

10.00-10.30 Coffee break

10.30-13.00 Workshop for PhD students:

Stefan Ameres, from Renée Schroeder's Lab

Angelique Girard, from Greg Hannon's Lab

Jana Hertel, from Ivo Hofacker's Lab

Claudia Kutter, from Fred Meins' Lab

Nic Lehrbach, from Eric Miska's Lab

Lasse Peters, from Gunter Meister's Lab

Gabriele Siegel, from Gerhard Schratt's Lab

13.00-14.00 Lunch

14.00-15.40 MECHANISMS III

Gunter Meister: "Proteomic analysis of human Argonaute complexes"

ThermoFisher-Dharmacon: Samina Ansari: "Optimization of siRNA: understanding and improving specificity"

Kazufumi Mochizuki: "Small RNA directed DNA elimination in Tetrahymena is regulated by the putative RNA helicase Ema1p"

Sigma-Aldrich: Heike Lehrmann: to be announced.

15.40-16.20 Coffee break

16.20-17.50 FUNCTION III

René Ketting: "Small RNAs in the zebrafish germline"

Eric Lai: "Drosophila microRNAs: from genes to functions"

Petr Svoboda: "Roles of RNA silencing in mammalian cells"

Eugene Berezikov: "Discovery and expression profiling of miRNAs by deep sequencing"

18.00 Award PhD students and closing of the meeting

Dinner at IMBA

