

Bilateral Retreat

Institute of Bioorganic Chemistry Polish Academy of Sciences
&
Berlin Institute for Medical Systems Biology at the Max Delbrück Centre for Molecular
Medicine

Date: 12.10.2016

Venue: Jeanne-Mammen-Hall in the Gatehouse

schedule:

- 10:00 Welcome and Introduction Nikolaus Rajewsky (BIMSB Scientific Head)
- 10:10 Introduction by Marek Figlerowicz (Director of the IBCH)
- 10:20 Agnieszka Fiszer *Interactions of miRNAs and siRNAs with simple repeat sequences - implications for pathogenesis and therapy of repeat expansion diseases*
- 10:30 Sascha Sauer *Single Cell Genomics*
- 10:40 Anna Kurzynska-Kokorniak *Revealing a new activity of the human Dicer DUF283 domain*
- 10:50 Robert Zinzen *Genomic analysis of a developing embryo with cell-type resolution*
- 11:00 Krzysztof Sobczak *Impact of MBNL proteins on transcriptome quality*
- 11:10 – 11:30 extended discussion**
- 11:30 Katarzyna Rolle *ncRNAs in brain tumors*
- 11:40 Nikolaus Rajewsky *Regulatory RNAs*
- 11:50 Katarzyna Purzycka *Deciphering structure-function relationships of RNAs*
- 12:00 Irmtraud Meyer *RNA structure detection and their role in regulating splicing*
- 12:10 Marta Szachniuk *RNApolis for RNA bioinformatics*
- 12:20 Bastian Spanjaard (Junker lab) *Massively parallel clonal analysis using CRISPR/Cas9 induced genetic scars*
- 12:30 – 12.50 extended discussion**
- 12:50 – 13:30 Lunch buffet**
- 13:30 Rafal Ciosk *Ribonuclease-mediated control of body fat*
- 13:40 Stefan Kempa *Metabolic Regulation of c-myc*
- 13:50 Mikolaj Olejniczak *Hfq protein assists small RNAs in binding to mRNA coding sequence*

- 14:00 Matthias Selbach *Proteome dynamics*
- 14:10 Maciej Figiel *iPSC and mouse models of neurodegenerative polyQ disorders*
- 14:20 Marina Chekulaeva *Dissecting RNA Localization in Neurons*

14:30 – 14:50 extended discussion

- 14:50 Elzbieta Kierzek *Influenza virus - functional importance of RNA secondary structure*
- 15:00 Markus Landthaler *Regulatory protein-mRNA interactions*
- 15:10 Dorota Raczynska *Different mechanisms of regulation of gene expression by FUS/TLS in human cells*
- 15:20 Michal Szczesniak (Ohler lab) *Insights into human lncRNAs: identification, conservation and in silico functional study*
- 15:30 Anna Pasternak *Modified oligonucleotides towards bioengineering*
- 15:40 Baris Tursun *Role of Histone Chaperones in safeguarding cell fates*

15:50 – 16:10 extended discussion

16:10 – 17:00 discussion of collaborative potential and grant contribution

closing remarks

17:00 bus transfer to the BIMS construction site

18:30 dinner in town

Ganymed Brasserie
Schiffbauerdamm 5
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