

Program

RNA Society of Sweden Meeting 2015

Friday October 2

12.45—13.00 Welcome, the idea behind the RNA Society of Sweden

Session I

- 13.00 **Magnus Lundgren**, Uppsala universitet
"Biology and application of the Type I-E CRISPR-Cas system"
- 13.30 **Chandrasekhar Kanduri**, Göteborgs universitet
"Long noncoding RNAs in development and disease"
- 14.00 **Marianne Farnebo**, Karolinska Institutet
"RNA processing factors: new players in DNA repair "
- 14.30 **Jakub Orzechowski Westholm**, Stockholms universitet/SciLifeLab
"Genome-wide analysis of Drosophila circular RNAs"
- 14.45 **Olof Gidlöf**, Lunds universitet
"A potential role for lncRNA Neat1 in the cardioprotective effect of ischemic preconditioning"
- 15.00 **Coffee**

Session II

- 15.30 **Carlos Rovira**, Lunds universitet
"A regulatory miRNA circuit in Her2-amplified breast cancer"
- 16.00 **Gonçalo Castelo-Branco**, Karolinska Institutet
"Non-coding RNAs and transitions between epigenetic states in stem/progenitor cells"
- 16.30 **Katja Petzold**, Karolinska Institutet
"Motion of regulatory RNA by NMR"
- 17.00 **You Xu**, Karolinska Institutet
"Structural and dynamic influence of modified nucleotides in tRNA"
- 17.15 Reflection: **James Darnell**, Rockefeller University
"My great scientific friend for 5 decades, Lennart Philipson"
- 17.30 **RNA Society of Sweden** business meeting
- 18.30 **Dinner**
- 20.00-22.00 Poster Session I/Pub

Saturday October 3

Session III

- 09.00 **Joakim Lundeberg**, Kungliga Tekniska Högskolan/SciLifeLab
"High Throughput Spatial RNA Sequencing in Tissue "
- 09.30 **Cristian Bellodi**, Lunds universitet
"Post-transcriptional gene expression dynamics in stem and cancer cells"
- 10.00 **Mary O'Connell**, Masaryk University, Brno
"The role of ADAR 1 in innate immunity"
- 10.30 **Mikaela Behm**, Stockholms universitet
"A-to-I editing of miRNAs expressed in the brain"
- 10.45 **Elena Garre**, Göteborgs universitet
"mRNP complexes of stress-responsive mRNAs"
- 11.00 **Coffee**
Keynote speaker
- 11.30-12.30 **Michael Kiebler**, Ludwig Maximilians University, Munich
"The role of RNA-binding proteins in dendritic mRNA localization and synapse function"
- 12.30 **Lunch**

Session IV

- 14.00 **Lars Wieslander**, Stockholms universitet
"Dynamic protein composition of pre-mRNPs and mRNPs during gene expression"
- 14.30 **Göran Akusjärvi**, Uppsala universitet
"Synthesis of a non-canonical capped viral miRNA that is functionally active in human Ad37- infected cells"
- 15.00 **Marc Friedländer**, Stockholms universitet/SciLifeLab
"High-throughput elucidation of miRNA biogenesis and function"
- 15.30 **Andrea Hinas**, Uppsala universitet
"Membrane trafficking, RNAi and RNA transport"
- 16.00 **Warangkana Lohcharoenkal**, Karolinska Institutet
"MiR-203 is suppressed in poorly but not well-differentiated cutaneous squamous cell carcinomas and regulates the expression of MYC oncogene"
- 16.15 **Ankit Srivastava**, Karolinska Institutet
"MiR-146a, a microRNA overexpressed in psoriasis, is a potent regulator of inflammatory responses in keratinocytes"
- 16.30 **Coffee**
Keynote speaker
- 17.00-18.00 **Robert Darnell**, Rockefeller University, New York
- 18.30 **Dinner** Mästarvillan
- 20.00-22.00 **Poster Session II/Pub**

Sunday October 4

Session V

- 09.00 **Claes Gustafsson, Göteborgs universitet**
"Molecular mechanisms of mitochondrial transcription in mammalian cells"
- 09.30 **Neus Visa, Stockholms universitet**
"The nuclear exosome: roles in chromatin regulation and DNA repair"
- 10.00 **Coffee**

Session VI

- 10.30 **Anders Virtanen, Uppsala universitet**
"Poly(A)-specific ribonuclease: Physiological relevance and mechanisms of action"
- 11.00 **Tracy Nissan, Umeå universitet**
"Spatial control of mRNA stability"
- 11.30 **Marie-Line Faucillion, Umeå universitet**
"A potential role for RNA stability in dosage compensation Mammalian sex chromosomes evolved from the degeneration of one homolog of a pair of ancestral autosomes, the proto-Y"
- 12.00 **Lunch and Departure**