

Preliminary program

RNA Society of Sweden Meeting 2015

October 2-4, 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 Hot topic

14.45 Hot topic

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 **Lars Wieslander**, Stockholms universitet
"Dynamic protein composition of pre-mRNPs and mRNPs during gene expression"

17.00 Hot topic

17.15 Hot topic

18.30 **Dinner**

20.00—22.00 Poster Session I/Pub

Saturday October 3

Session III

- 09.00 **Joakim Lundberg**, 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 Hot topic
- 10.45 Hot topic
- 11.00 **Coffee**
- Keynote speaker*
- 11.30—12.30 **Michael Kiebler**, Ludwig Maximilians University, Munich
- 12.30 **Lunch**

Session IV

- 14.00 **Katja Petzold**, Karolinska Institutet
"Motion of regulatory RNA by NMR"
- 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
"High-throughput elucidation of miRNA biogenesis and function"
- 15.30 **Andrea Hinas**, Uppsala universitet
"Membrane trafficking, RNAi and RNA transport"
- 16.00 Hot topic
- 16.15 Hot topic
- 16.30 **Coffee**
- Keynote speaker*
- 17.00—18.00 **Robert Darnell**, Rockefeller University, New York
- 18.30 **Dinner**
- 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 Hot topic
- 11.45 Hot topic
- 12.00 **Lunch and Departure**