

RNA Club 2009 Final Program

8:00-9:00 Registration

9:00 – 9:15 Official Opening

Structure and function of noncoding RNAs

9:15-9:35 Jiří Šponer

Structure, dynamics, function of evolution of non-coding RNAs. Computational methods as useful complements of experiments.

9:35-9:55 Sam Linsen

Possibilities and limitations of small RNA digital gene expression profiling

PLENARY LECTURE I

10:00-10:40 Gernot Längst

Chromatin interacting RNAs (ciRNA) maintain higher order structures of chromatin accessible

10:40-11:00 Coffee break

RNA and development and disease

11:00-11:20 Franz Kratochvill

Qualitative and temporal control of mRNA decay during inflammatory response depends on tristetraprolin and p38 MAP kinase

11:20-11:40 Martin Dienstbier

Egalitarian recruitment of mRNAs for microtubule-based motors.

11:40-12:00 Matyáš Flemr

Conversion of p-bodies into storage RNA granules in mouse oocytes

12:00-14:00 Lunch and poster sessions

12:30-13:10 Posters – odd numbers

13:10-13:50 Posters – even numbers

RNA-protein interactions and networks

PLENARY LECTURE II

14 :00-14 :40 André P. Gerber

Global Aspects of the RNA-Protein Interaction Network

14:40-15:00 To be specified

15:00-15:20 Hassan Hashimi
Mitochondrial RNA binding complex

15:20-15:40 Huranová M
Spliceosome Assembly in the Cell Nucleus

15:40-16:00 Coffee break

Transcription, pre-mRNA splicing and translation

16:00-16:20 Alžběta Švenková
The delta subunit of RNA polymerase from *Bacillus subtilis*

16:20-16:40 Sergiy Kyrylenko
Structure and function of human SIRT2 promoter

16:40-17:00 Jarmila Hnilicová
HDAC1 activity modulates alternative splicing

17:00-17:20 Martina Janošková
The load and release mechanism of eIF1 mediated by the N-terminal domain of the eIF3c subunits plays a critical role in stringent AUG selection

17:20-17:40 Vanda Munzarová
Mutational analysis of the interaction between the N-terminal domain of eIF3a and the 5' enhancer of uORF1 from the GCN4 mRNA leader that is critically required for efficient reinitiation

17:40-17:50 Closing remarks

19:00 Dinner at the Starobrno Brewery