

13:30 – 14:45 Technology platforms, protein evolution and bioinformatics

Dina Grohmann, Leonhard Jakob
Interrogation of ribonucleoprotein complexes - one molecule at a time

Reinhard Sterner
Using computational methods to characterize primordial enzymes and protein-protein interactions

14:45 Concluding discussions & outlook for potential graduate school application

17:00 Departure

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Photo: Tobias Beck



1st Regensburg – Canberra Symposium on RNP Biology

March 12-13, 2018



Universität Regensburg
**FAKULTÄT FÜR BIOLOGIE
UND VORKLINISCHE MEDIZIN**

PROGRAM

Monday, March 12, H 53

- 9:00 – 9:30 Welcome & Opening remarks**
Thomas Preiss, Gunter Meister
- 9:30 – 11:15 Ribosome biosynthesis and regulation**
Nadine Hein
Ribosome biogenesis in disease
- Joachim Griesenbeck, Philipp Milkereit, Jorge Perez-Fernandez, Sebastián Ferreira-Cerca, Herbert Tschochner
From chromatin to ribosome
- Christoph Engel
Structure of RNA polymerase I
- Wolfgang Seufert
eIF2 and cell cycle entry
- 11:15 – 11:30 Coffee break**
- 11:30 – 13:00 Chromatin and gene regulation**
David Tremethick
- Gernot Längst
Analysing higher order structures of chromatin
- Tamas Fischer
Pervasive transcription, RNA surveillance and genome stability

- 13:00 – 14:00 Lunch break**
Lunch buffet with time for discussion and exploration of potential collaborative projects
- 14:00 – 15:30 Plant RNA biology**
Anthony Millar
Plant miRNAs and RBPs
- Thomas Dresselhaus
Imaging and analysis of cytoplasmic RNPs in Arabidopsis
- Stefanie Sprunck
Small noncoding RNAs and RBPs in plant reproduction
- Klaus Grasser
Transcriptional elongation by RNA polymerase II and mRNA export in Arabidopsis
- 15:30 – 15:45 Coffee break**
- 15:45 – 17:15 Biochemical and biophysical approaches for RNA and protein analysis**
Christine Ziegler
- Patrick Babinger
Physico-biochemical characterization of a novel bacterial nucleic acid binding protein
- Remco Sprangers
How NMR spectroscopy is able to reveal molecular mechanisms in large protein-RNA complexes

17:15 – 19:00 Discussion

19:00 Dinner in Roter Hahn
For PIs of the SFB960 and Canberra

Tuesday, March 13, H 53

- 9:00 – 11:30 RBPs, ncRNAs, disease**
Leoni Quinn
From Servant to Master: the Ribosome's instructive role in hematopoietic cell fate determination
- Markus Kretz
Modes of action of long non-coding RNAs in epidermal tissue homeostasis and disease
- Jan Medenbach
non-coding RNAs and RBPs
- 10:00 Coffee available**
- Gunter Meister
non-coding RNAs and RBPs
- Thomas Preiss
RNA-binding proteomes, epitranscriptomics and translation cycle dynamics
- 11:30 – 12:30 Individual discussion time at the institutes**
- 12:30 – 13:30 Lunch break**