



Wednesday, Dec. 04th 2019

from 11:00 *Arrival and Registration*
12:00 *Refreshments*

Session I (Chair: Ralf Ficner)

- 13:20 – 13:30 *Welcome*
- 13:30 – 14:10 **Dagmar Klostermeier (Münster)**
Regulation of translation initiation through modulation of the conformational landscape of the initiation factor 4A
- 14:10 – 14:50 **Karsten Weis (Zürich/Schweiz)**
The life of an mRNA - from birth to death
- 14:50 – 15:30 **Katherine Bohnsack (Göttingen)**
Regulation of a multifunctional RNA helicase by a network of protein cofactors
- 15:30 *Coffee Break*

Session II (Chair: Sarah Adio)

- 16:00 – 16:40 **Stefanie Jonas (Zürich/Schweiz)**
Structural basis for DEAH-helicase activation by G-patch proteins
- 16:40 – 17:20 **Clément Charenton (Cambridge/UK)**
How are pre-mRNAs introduced into the spliceosome active site?
- 17:20 – 18:00 **Vincent Croquette (Paris/Frankreich)**
Kinetic studies of DEAD and DEAH helicases and their cofactors in single molecule assay
- 18:30 *Dinner*
- 20:00 – 21:00 **Reinhard Lührmann (Göttingen)**
Structural insights into the assembly, function and RNA helicase-mediated dynamics of the human spliceosome



Thursday, Dec 05th 2019

Session III (Chair: Heike Krebber)

- 09:00 – 09:40 **Anthony Henras (Toulouse/Frankreich)**
Function of the Npa1 complex and connected RNA helicases in assembly of early pre-ribosomes
- 09:40 – 10:20 **Utz Fischer (Würzburg)**
The role of disease-linked RNA helicases in translation
- 10:20 – 11:00 **Hervé Le Hir (Paris/Frankreich)**
The DEAD-box helicase eIF4A3: from splicing-dependent recruitment to mRNA trafficking
- 11:00 *Coffee Break*

Session IV (Chair: Markus Bohnsack)

- 11:30 – 12:10 **Franziska Boneberg (Zürich/Schweiz)**
Molecular mechanism of the RNA helicase DHX37 and its activation by UTP14A in ribosome biogenesis
- 12:10 – 12:50 **Caroline Kisker (Würzburg)**
The multifaceted control of the TFIIH helicase XPD in nucleotide excision repair and transcription
- 12:50 – 13:30 **Eckhard Jankowsky (Cleveland/USA)**
RNA remodeling by the DEAD-box helicase Ded1p in vitro and in vivo
- 13:30 *Lunch*
- 14:15 *Departure*