

Wednesday, March 14, 2012

13:00 - 17:00

Registration in Audimax Foyer
Reception

Thursday, March 15, 2012

09:00 - 09:10 **Opening remarks**

Session 1: Posttranscriptional control by small RNAs (Chair: Alexander Nolze)

09:10 - 10:00 **Role of cytoplasmic deadenylase complexes in miRNA-mediated gene-silencing**
Elisa Izaurralde
Tübingen

10:00 -10:25 **miR-TRAP, a new high throughput method to identify regulatory microRNAs**
Juliane Braun
Halle

10:25 - 11:00 **Coffee**

11:00 - 11:50 **MicroRNAs, EMT and cancer stem cells**
Thomas Brabletz
Freiburg

11:50 - 12:15 **IGF2BP1 stabilizes ZEB1 mRNA and thereby prevents miR-200/-203-targeting in aggressive ATCs**
Alexander Mensch
Halle

12:15 - 13:30 **Lunch break**
Audimax Foyer

Session 2: Posttranscriptional control by small RNAs (Chair: Juliane Braun)

13:30 - 14:20 **Mechanisms and patterns of eukaryotic post-transcriptional gene control**
Thomas Preiss
Sydney

14:20 - 14:45 **The non-coding Y3-RNA promotes histone-mRNA 3'-processing**
Marcel Köhn
Halle

14:45 - 15:35 **MicroRNA-based mechanisms in cardiac disease: opportunities for novel therapeutic approaches**
Thomas Thum
Hannover

15:35 - 16:15 **Coffee**

Session 3: Posttranscriptional control in pathogenesis (Chair: Claudia Weißbach)

- 16:15 - 17:05 **Spliced to LTRs – how endogenous retroviruses hijack tumor suppressor genes**
Matthias Dobbstein
Göttingen
- 17:05 - 17:30 **Hepatitis C virus replication induces expression of vascular endothelial growth factor and accelerates vascularization of human hepatoma**
Eileen Winkler
Halle
- 17:30 - 17:55 **Identification of DDX6 as a cellular modulator of VEGF expression under hypoxia**
Sebastian de Vries
Aachen
- 18:00 - 20:00 **Get-together with Brezel, Soup and Beer**
- 18:00 - 21:00 **Poster Session**
Audimax Foyer
- 21:00 - 23:59 **Guided pubtour**

Friday, March 16, 2012

Session 4: Posttranscriptional control by RNA-binding proteins (Chair: Michael Götze)

- 09:00 - 09:50 **RNA regulation in X- chromosome dosage compensation**
Fatima Gebauer
Barcelona
- 09:50 - 10:15 **Activation of posttranscriptional control mechanisms by the pro-inflammatory cytokine interleukin-1**
Sonam Dhamija
Hannover
- 10:15 - 10:45 **Coffee**
- 10:45 - 11:35 **Following single mRNAs from birth to death**
Robert H. Singer
New York
- 11:35 - 12:00 **Regulation of cytoplasmic polyadenylation complexes in early female meiotic germ cells**
Ryuji Minasaki
Dresden
- 12:00 - 13:30 **Lunch break**

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Session 5: Posttranscriptional control by RNA-binding proteins (Chair: Anne Zirkel)

- 13:30 - 14:20 **Regulatory RNA-binding proteins: from mechanistic reductionism to complete mRNA interactomes**
Matthias Hentze
Heidelberg
- 14:20 - 14:45 **Characterization of the protein-mRNA interactome of a human cell line**
Markus Landthaler
Berlin
- 14:45 - 15:15 **Coffee**

Session 6: Control of RNA fate (Chair: Mario Fiedler)

- 15:15 - 16:05 **mRNA regulation by deadenylation and small non-coding RNAs in *Drosophila* development**
Martine Simonelig
Montpellier
- 16:05 - 16:30 **Identification of human and *Drosophila* 5'-nucleotidases degrading 7-methyl-guanosine-monophosphate**
Juliane Buschmann
Halle
- 16:30 - 17:00 **Coffee**
- 17:00 - 17:50 **A new function for CPEB1 coordinates alternative 3' UTR processing with translational regulation in cell cycle and cancer**
Raúl Méndez
Barcelona
- 17:50 - 18:15 **Role of the mammalian poly(A)-specific ribonuclease (PARN) in histone mRNA metabolism**
Claudia Weißbach
Halle
- 18:15 - 19:30 **Guided city tour**
- 19:30 - 23:59 **Banquet**
Moritzburg

Saturday, March 17, 2012

Session 7: Hosts and Pathogens (Chair: Anika Penzel)

- 09:00 - 09:50 **Masking of the hepatitis C viral genome by miR-122**
Peter Sarnow
Stanford
- 09:50 - 10:15 **The DEAD-box helicase DDX3 supports the assembly of functional 80S ribosomes**
René Geissler
Halle
- 10:15 - 10:45 **Coffee**

Session 8: Hosts and Pathogens (Chair: Cornelius Schmidtke)

- 10:45 - 11:35 **cis-acting RNA structures promoting translation reinitiation in caliciviruses**
Gregor Meyers
Greifswald
- 11:35 - 12:00 **RNA-binding proteins involved in the virulence of the plant pathogen *Xanthomonas***
Juliane Kuhfuß
Halle
- 12:00 - 12:50 **Hfq binding to transcribed 3' regions expands functional output of bacterial mRNA genes**
Jörg Vogel
Würzburg
- 12:50 - 13:00 **Concluding remarks**
- 13:00 - 14:00 **Snack**