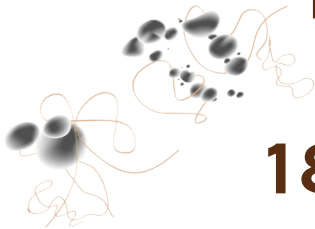


ANNUAL RNA RETREAT

SFB RNA REG
&
DK RNA BIOLOGY



18-20 APRIL 2013

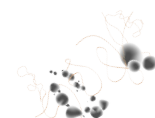


ARTIS Hotel Schloss Krumbach

Schloss 1, A-2851 Krumbach

Tel.: +43 2647 42209

http://www.artis-hotels.at/artis_hotel_schloss_krumbach/home/index.html



Thursday, 18th April:

Departure from Vienna at 08:50 a.m. (punctually!!!)

The bus will be waiting on the corner of Dr.-Bohr-Gasse and Viehmarktgasse as of 08:35 a.m.

11:00 Arrival: **Artis Hotel Schloss Krumbach**
 Check-In

11:00 – 14:00 Poster Session & Lunch

Chair: Andrea Barta

14:00 – 14:15 Introduction
14:15 – 14:45 Krzysztof Chylinski (Schroeder): Molecular scissors of the type II CRISPR-Cas immune system
14:45 – 15:15 Stefan Badelt (Hofacker): Design and Analysis of polymerizing RNA
15:15 – 15:45 Guest speaker: Walter ROSSMANITH:
 “Playing RNase P evolution”

15:35 – 16:05 Coffee break

Chair: Denise Barlow

16:05 – 16:15 Introduction
16:15 – 16:35 Daniela Mayer (Barlow): Control of *Igf2r* imprinted silencing in embryonic stem cell differentiation
16:35 – 16:55 Quanah Hudson (Barlow): Silencing of neighbouring genes by long non-coding RNAs
16:55 – 17:15 Philipp Günzl (Barlow): Hallmarks of macro lncRNAs analyzed by RNAseq

17:15 – 19:00 Poster Session & intergroup interaction time

19:00 Dinner

Time for posters, discussions

Friday, 19th April

Chair: Javier Martinez

- 09:00 – 09:10 Introduction
- 09:10 – 09:30 Foong yee Ang (Kiebler): Functional dissection of neuronal Ribonucleoprotein particles
- 09:30 – 09:50 Sanja Antic (Dorner): mRNA degradation on the ribosome in *Drosophila* cells
- 09:50 – 10:20 Guest Speaker: Luisa COCHELLA
“Spatio-temporal specificity of miRNA function during development”

10:20 – 11:00 Coffee Break

Chair: Renée Schroeder

- 11:00 – 11:10 Introduction
- 11:10 – 11:30 Meghan Lybecker (Schroeder): A transcriptome-wide search for functional cis-antisense RNAs in *E. coli*.
- 11:30 – 11:50 Ivana Bilusic (Schroeder): Comprehensive identification of RNA 5' ends in *E. coli*
- 11:50 – 12:20 Guest speaker: Javier CACERES:
“Regulation of microRNA biogenesis and function”

12:30 Lunch

Time for posters, discussions, intergroup interactions, ...

15:00 Coffee and snacks

16:00 Presentations continue

Chair: Michael Jantsch

- 16:00 – 16:10 Introduction
- 16:10 – 16:40 Guest speaker: Stepanka VANACOVA
“RNA quality control: from yeast nucleus to mammalian cytoplasm”
- 16:40 – 17:10 Nicola Cavallari (Barta): Evolution of the circadian clock in extreme environment
- 17:10 – 17:40 Guest Speaker: Kristin TESSMAR
“Towards the molecular basis of circalunar clocks”

18:30 Dinner

20:00 – 21:30 Faculty Meeting

Saturday, 20th April

Chair: Kazufumi Mochizuki

- 09:00 – 09:20 Mamta Jain (Jantsch): Consequences of Filamin A editing
09:20 – 09:40 Hakim Tafer (SFB): Current work: Characterization of Alpha-satellites and Polymerase Binding Elements.
09:40 – 10:10 Guest speaker: Richard STEFL:
“Recruitment of processing factors to the site of transcription”
10:10 – 10:30 Hannes Temmel (Moll): Ribosome Repair: A Function for the novel RNA Ligase RtcB in *E. coli*?

10:30 – 11:00 Coffee Break

(Check out of room if not done already.)

Chair: Silke Dörner

- 11:00 – 11:20 Konstantin Byrgazov (Moll): Structural analysis of the interaction surface between ribosomal proteins S1 and S2
11:20 – 11:40 Hermann Hämmerle (Bläsi): Studies on *Bacillus subtilis* Hfq
11:40 – 12:00 Elisabeth Sonnleitner (Bläsi): Pseudomonas catabolite repression revisited: Hfq is the translational repressor sequestered by the sRNA CrcZ
12:00 – 12:20 Sophie Soyka (Mochizuki): The role of the novel gene *COI12* in the assembly of a functional small RNA effector complex in Tetrahymen

12:30 – 13:30 Lunch

13:30 *Departure back to Vienna*

Please don't forget to **check-out** – latest by 11 a.m.!

POSTERS:

- 1 Philipp BAMMER: Differences in imprinted silencing by macro lncRNAs in embryonic and extra-embryonic lineages
- 2 Philipp GÜNZL: Hallmarks of macro lncRNAs analyzed by RNAseq
- 3 Quanah HUDSON: Silencing of neighbouring genes by long non-coding RNAs
- 4 Aleksandra KORNIENKO: Long ncRNAs in human primary granulocytes: Splicing efficiency and robustness
- 5 Daniela MAYER: How many imprinted genes are there in one tissue?
- 6 Adam WEISS: In search of *cis*-acting RNA attenuators of Pol II
- 7 Martina SAUERT: Spotlights on the Modulation of the Rnome: The MazF-mediated Stress Response in *E. coli*
- 8 Birgit MÄRTENS: Back to translation: Removal of aIF2 from the 5'triphosphate end of RNA in *Sulfolobus solfataricus*
- 9 Muralidhar TATA: Differentially abundant sRNAs and genes in *Pseudomonas aeruginosa* PA14 anoxic biofilms grown in synthetic cystic fibrosis sputum medium.
- 10 Michael WILDAUER: Structural organization of the human telomerase
- 11 Armin FUCHS: RS31, a plant-specific SER/ARG-rich splicing factor, is involved in the regulation of DNA repair and stress response
- 12 Jan Henrik SUHREN: The HP1-like protein Coi6 is involved in RNAi-mediated DNA elimination in *Tetrahymena thermophile*
- 13 Ana KROLO: Evolution of gene gating
- 14 Eleonora TURCO: Ubiquitin and gene expression
- 15 Florian EGGENHOFER: CMCompare webserver: Comparing RNA families via Covariance Models
- 16 Joerg FALLMANN: RNA - Protein interactions in RNA decay
- 17 Stefan HAMMER: Design of RNA sequences with predefined conformational and kinetic properties
- 18 Peter KERPEDJIEV: A Stem-Centered Model of Tertiary RNA Structure
- 19 Jacki HERAUD-FARLOW: Identification and analysis of Staufen2 target RNAs from rat brain
- 20 Silpi BANERJEE: Nuclear import by an ADAR1 double-stranded RNA binding domain
- 21 Mansoureh TAJADDOD: Impact of inverted SINE on gene expression
- 22 Maja STULIC: Impact of RNA editing on Filamin A function
- 23 Cornelia VESELY: Impact of ADARs on abundance and sequence of miRNAs in mouse embryos and adult brain
- 24 Ursula SCHÖBERL: Regulation of noncoding RNA transcription involved in DNA elimination in *Tetrahymena*