

RIGeL



Regensburg International
Graduate School of Life Sciences



6th
CBB
Summer
Academy



Welcome to the 6th Summer Academy of the Graduate Research Academy RNA Biology and the RIGeL sections CBB (Cellular Biochemistry and Biophysics) and MEE (Molecular Ecology and Evolution). We are going to meet at “Schloss Hirschberg”, a beautiful baroque castle, for a scientific get-together from the 29th of June until the 1st of July. In this comfortable environment you will get the opportunity, to discuss your data and ideas, participate in group activities and establish new connections on a scientific or personal level.

You can get in touch with the groups representing the CBB and MEE section, the methods they are using and thereby build foundations for collaborations.

Furthermore you can take the opportunity to practice the underestimated skill to ask questions. And as a motivation for you we introduce a third category of prizes: The Questioner

Have fun,

your Organizing Team

Schloss Hirschberg

June 29 - July 1, 2015

PROGRAM

Monday

8:15	Departure from Regensburg
9:45	Arrival and registration in Hirschberg
10:00 - 14:00	Team Building Event Geocaching
14:00	Rooms check-in
14:30 - 15:30	Coffee and Pretzels
15:45	Welcome and opening remarks



Talk Session No. 1

Chair: Maria Enghart

16:00 - 16:20	Stefan Dexl The role of the archaeal TFB B-reader domain in transcription initiation
16:25 - 16:45	Wolfgang Kaiser Functional characterizatin of the TrpD2 protein family
16:50 - 17:10	Johannes Danner Regulation of the microRNA biogenesis pathway in human herpes, papilloma and polypma viruses
18:00	Dinner
19:30	Get Together - night walk with ice cream

Tuesday

from 8:00 Breakfast

9:00 - 9:30 RIGeL groups

Talk Session No. 2

Chair: Xuan-Hung Ho

9:30 - 9:50 Patrick Löffler
Combining Computational Protein Design with
Molecular Dynamics: A flexible approach to improve
design accuracy

9:55 - 10:15 Maria Englhart
Sperm meets egg: How do egg-cell-secreted EC1 proteins
mediate sperm activation in *Arabidopsis thaliana*



Coffee break

10:45 - 11:05 Andreas Fuchs
Interactions of CGI55 with CHD3 and CHD4

11:10 - 11:20 Nina Weber
The catalytic domain of Cdc14 phosphatase is
dispensable

12:00 Lunch

Talk Session No. 3

Chair: Maria Enghart

13:30 - 14:00 NuGEN
Technologies for Efficient Generation of Transcriptome
Data by Next Generation Sequencing

14:00 - 14:30 GE Healthcare
CRISPR-Cas9 Gene Editing with synthetic RNA



Coffee break

15:00 - 15:20 Sandra Bertrand
RBP1, a putative translational repressor in plants

15:25 - 15:45 Xuan-Hung Ho
Non-coding RNAs in colon cancer metastasis and
therapy escape

15:50 - 16:10 Robert Fischer
Artilysin Art-175: Effective killing of persistent and
multidrug-resistant strains persists of *Pseudomonas*
aeruginosa combined with a low risk of resistance

16:15 - 17:00 CBB Elections
of PhD representatives

18:00 Dinner

19:30 - 20:30 Evening lecture - Sonja Lorenz
Weak interactions with strong functions: Mechanism of
Lys11-linked ubiquitin chain formation

Wednesday

from 8:00 Breakfast

Talk Session No. 4

Chair: Johannes Danner

9:00 - 10:00 Morning lecture - Philipp Benz
Rationalizing fungal bioengineering by a systems analysis
of plant biomass perception

10:05 - 10:25 Pia Wiegmann
The mechanosensitive channel of small conductance
(MscS) of *Nanoarchaeum equitans*

10:30 - 10:50 Wojciech Antosz
Chromatin-mediated regulation of gene expression by
TFIIS



Coffee break

11:00 - 12:00 **Poster Session**

12:00 Lunch

Talk Session No. 5

Chair: Xuan-Hung Ho

13:30 - 13:50	Adnan Shahdadi Phylogenetic reconstruction and taxonomic revision of the genera <i>Parasesarma</i> & <i>Perisesarma</i>
13:55 - 14:15	Christian Ziegler Exploring the role of EDCInc1 during epidermal homeostasis
14:20 - 14:45	concluding remarks
15:00	Departure
aprox. 16:30	Arrival in Regensburg

PRIZES

Best Poster

75 € Regensburg Arcaden gift card

Best Talk

75 € Regensburg Arcaden gift card

Best Questioners

5 x 10 € Regensburg Arcaden gift card

sponsored by



Organisation	CBB Organising Team Johannes Danner Maria Englhart Astrid Fastner Thomas Hackenberg Hung Ho Xuan
Funding	Graduate Research Academy <i>RNA Biology</i> SFB 960 RIGeL
Sponsoring	Hoffmann-La Roche NuGEN Promocell Li-Cor GE Healthcare





science connects

