

Thursday

8:00 Departure from Regensburg

9:45 Arrival in Hirschberg

10:00 - 14:00 Team Building Event - Team Challenge

14:00 Rooms check-in

14:30 - 15:30 Coffee break with pretzels

16:00 - 16:15 Welcome and opening remarks

Talk Session No. 1

Chair: Konstantin Maier

16:15 - 16:30 Roberta Benedetto
Epithelial Chloride Transport by CFTR Requires ANO1

16:30 - 16:45 Julia Winter
The transcription factor MEF-2 mediates the angiogenic effect of chronic oxytocin

16:45 - 17:00 Manuel Delgado Caceres
Tenomodulin and tendon healing

17:00 - 17:15 Julia Giehr
Direct fitness for workers in a *Temnothorax* ant

17:15 - 17:30 Fridtjof Gilck
Vegetation and Land Use History in the Bavarian Alps

18:00 - 19:30 Dinner

from 19:30 Get-together / Ice cream in Beilngries

Friday

from 8:00 Breakfast

9:00 - 9:45 Method lecture - GE Healthcare
Christian Leisner: How filtration helps to prepare your sample

Poster Session No. 1

9:45 - 10:45 # 1 Anastasiia Bazhenova
Assembly, localization and translational control of *WUS-WOX*-containing mRNPs

2 Franziska Scherl
The effect of nitric oxide on Schlemm's Canal cells

3 Irina Ivanova
The role of ultraviolet radiation in progression and invasion of melanoma cells

4 Katharina Kossmann
Molecular mechanisms of ion coupling in secondary betaine transport proteins

10:45 - 11:00 Coffee break

Talk Session No. 2

Chair: Lisa Lucke

11:00 - 11:15 Nicole Schäfer
RETC-2: an antibody for highly specific FHR-3 detection from human blood, retinal microglia cells and for diminishing molecular FHR-3 interactions

11:15 - 11:30	Tobias Killian A simple and robust method for quantification and optimization of gene editing: differentiation of gene disruption and integration events
11:30 - 11:45	Patricia Krickl Functional connectivity and green infrastructure - Subproject: Historical and current analysis of the biotope network in calcareous grasslands on the Franconian and Swabian Alps

12:00 - 13:00 Lunch

Poster Session No. 2

13:00 - 14:00	# 5 Lisa Lucke Function of the LIM domains of the transcription factor LMX1B
	# 6 Karin Lukas Establishment and Verification of Various Elispot Techniques as Methods for Clinical Diagnostic of Lyme Borreliosis
	# 7 Konstantin Maier Roles of chromatin organization in normal myelopoiesis and acute myeloid leukaemia.
	# 8 Marianella Masis Calvo Social fear conditioning response of rats selectively bred for high and low anxiety-related behavior
	# 9 Sandra Meisinger miRNAs in the kidney and their role in podocyte (dys) function

Talk Session No. 3

Chair: Roberta Benedetto

14:00 - 14:15	Lars Kullmann Membrane-binding and activation of LKB1 by phosphatidic acid is essential for development and tumor suppression
14:15 - 14:30	Theodor Poettinger Molecular phylogeny and the geographic origins of neotropical freshwater crabs of the family Pseudothelphusidae (Crustacea, Brachyura)
14:30 - 14:45	Catarina Quintanova The role of the inwardly rectifying potassium channel Kir5.1 in the distal convoluted tubule
14:45 - 15:00	Stefan Reich Systems biology of the Unfolded Protein Response in Glioma
15:00 - 15:30	Coffee break
15:30 - 16:30	Guest lecture: Dr. Alexander Yendel Prekäre Beschäftigung an wissenschaftlichen Einrichtungen: Ausmaße, Ursachen und Lösungsansätze

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Poster Session No. 3

16:30 - 17:30	#10	Ana Karina Mendes DNA demethylation during dendritic cells differentiation
	#11	Max Müller Dendritic integration in olfactory bulb granule cells
	#12	Felix Oberhauser How expectations affect value perception in an invertebrate
	#13	Katrin Pohl Establishment of the motor-driven vesicle mislocalization assay in LLC-PK1 cells
	#14	Andreas Horn Characterization of the translational <i>nanos</i> repression in early fly oogenesis

18:00 - 19:30 Dinner

from 19:30 Free time / Get-together

Saturday

from 8:00 Breakfast and check out

9:00 - 9:30 RIGeL groups & PhD representatives

Talk Session No. 4 / part I

Chair: Tobias Killian

9:30 - 9:45 Eva-Maria Rom
Evaluation of geno- and phenotypic alterations in luminal B breast cancer using Humanized Tumor Mice (HTM)

9:45 - 10:00 Christian Rohrsen
A fine-grained analysis of dopamine as a reinforcer of operant behavior in *Drosophila*

10:00 - 10:15 Sara Saedi
A pedoanthracological and palynological approach to study man-climate- ecosystem interactions during the Holocene in Persepolis basin (SW-Iran)

10:15 - 10:30 Ina Hallstein
Does PDK1 phosphorylate the tumor suppressor LKB1?

10:30 - 10:45 Coffee break




Talk Session No. 4 / part II

Chair: Sandra Meisinger

10:45 - 11:00	Enrico Hupfeld Flexible design: A novel algorithm for using multiple states in enzyme design to account for protein dynamics
11:00 - 11:15	Stephanie Wendt Relative Value Perception in Ants
11:15 - 11:30	Ines Cabrita Differential control of intracellular Ca^{2+} signaling by anoctamins

12:00 - 13:00 Lunch

Poster Session No. 4

13:15 - 14:00	 Barbara Schwertner Does the scaffold protein Kibra activate the kinases Misshapen and Happyhour in Hippo signalling?
	 Sven Vanselow eIF2 assembly: mechanism and link to disease
	 Lele Wang Functional analysis of pollen-specific RALF peptides during reproduction in maize

14:00 - 14:30 Concluding remarks & awards

15:00 Departure

ca. 16:30 Arrival in Regensburg