Organisation

Sascha Rode
Institute of Molecular Virology
University Ulm Medical Center
Student Representative of the IGradU

Stephanie Reichel
Institute of Physiological Chemistry
University of Ulm
Student Representative of the IGradU

SOS EVENTS

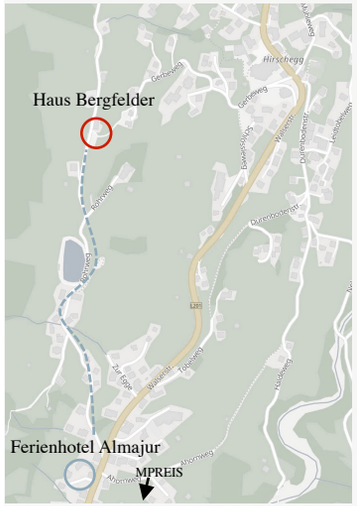
Guest speakers

Thomas Fenzl
Institute of Pharmacy
University of Innsbruck

Hubert Huppertz
Institute of General, Inorganic and
Theoretical Chemistry
University of Innsbruck

Alexander Hüttenhofer
Division of Genomics and RNomics
Innsbruck Medical University - Biocenter

Location



Haus Bergfelder
Rohrweg 24, 6992 Hirschegg,
Österreich

Ferienhotel Almajur (Distance, 1 km)
Walserstraße 316, 6993 Mittelberg, Österreich

MPREIS Supermarket (Distance: 2 km)
Walserstraße 382a, 6993 Mittelberg,
Österreich

Tourismus-Info (Distance: 500 m)
Walserstraße 264, 6992 Hirschegg,
Österreich

Wifi: Please ask the SoS Team.

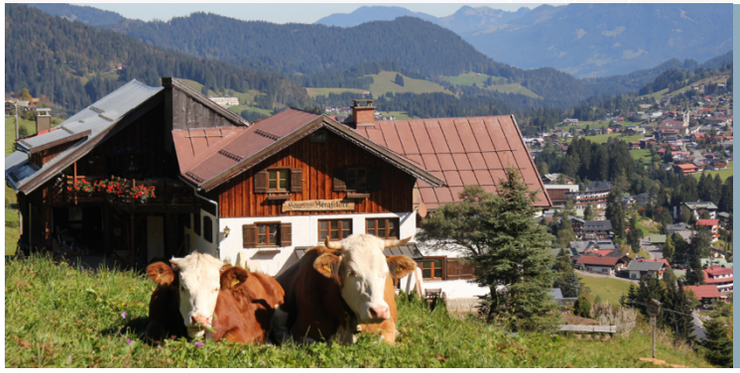
Drinks: The IGradU will only pay for non-alcoholic beverages. Alcoholic beverages must be paid for at your own expense.

Speakers from Ulm

Bernd Knöll
Institute of Physiological Chemistry
University of Ulm

Jan Münch
Institute of Molecular Virology
University Ulm Medical Center

Paul Walther
Central Facility for Electron Microscopy
University of Ulm



Contact
Ulm University
International Graduate School in Molecular Medicine Ulm

Coordinator: Lina Zaveleva
Albert-Einstein-Allee, O25
89081 Ulm, Germany
Phone: +49 (0)731 5036293
Fax: +49 (0)731 5036292
E-Mail: lina.zaveleva@uni-ulm.de

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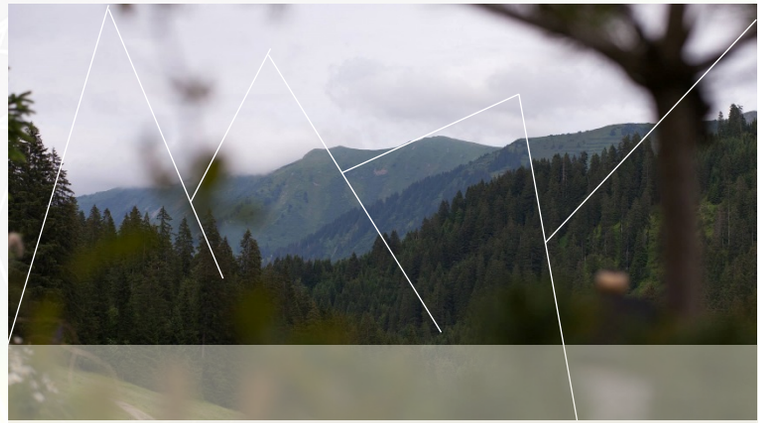

Retreat 2016

Molecular Medicine 2.0 – Methods in Pipeline

June 13-15
House Bergfelder
Kleinwalsertal - Austria

International Graduate School
in Molecular Medicine Ulm

Monday, June 13th

7:30 *Departure Ulm University*

10:00 *Arrival at House Bergfelder*

10:30 – 12:30 **Session I**
Chair: Sascha Rode (IGradU, Ulm)

Bernd Knöll (Ulm, D)
Molecular and cellular mechanisms of neuronal gene expression in physiology and pathology

Lisa Hipp (IGradU, Ulm)
Highly Inclined and Laminated Optical sheet (HILO) microscopy to study transcription factor dynamics in living cells

Corinna Schilling (IGradU, Ulm)
Primary neuronal cell culture to study peripheral nerve regeneration

12:45 – 13:45 *Lunch Break*

14:00 – 16:00 **Session II**
Chair: Stephanie Reichel (IGradU, Ulm)

Melanie Tepper (IGradU, Ulm)
Role of NF-κB in traumatic brain injury

Rebecca Wiegner (IGradU, Ulm)
Immune monitoring in trauma

Marius-Costel Alupei (IGradU, Ulm)
Protein dynamics - from synthesis to degradation, in premature aging

Hubert Huppertz (Innsbruck, A)
Recent advances in solid state chemistry

16:30– 18:30 ***Mountain Bike Tour***
Please wear stable sport shoes and sportswear. Please bring water with you. (Duration: 120 min)

19:30 *Dinner*

Tuesday, June 14th

8:30 – 9:30 *Breakfast*

9:45 – 10:45 **Session III**
Chair: Pascal Lösing (IGradU, Ulm)

Lisa Merthan (IGradU, Ulm)
The role of PICALM in APP endocytosis and nuclear translocation in Alzheimer´s disease

Raphael Hesse (IGradU, Ulm)
Advanced approaches to investigate morphology and function of neuronal cell cultures

Steffen Halbgebauer (IGradU, Ulm)
Capillary isoelectic focusing - new approaches in the diagnostics of inflammatory disease

Coffee Break

11:00 – 12:30 **André Huss** (IGradU, Ulm)
Identification of candidate protein biomarkers using iTRAQ

Alexander Hüttenhofer (Innsbruck, A)
Nucleic acids as diagnostic tools and targets in human diseases

Lunch Break

12:45 - 13:45 **Session IV**
Chair: Stephanie Reichel (IGradU, Ulm)

14:00 – 16:00 **Thomas Fenzl** (Innsbruck, A)
In vivo electrophysiology: from neuronal activity to animal behavior

Christopher Jahn (IGradU, Ulm)
Use of the TetOn system to study molecular mechanisms of zebrafish regeneration

Felix Klenner (IGradU, Ulm)
CreERT2 based fate mapping of osteoblasts in Danio rerio caudal fin regeneration

Free time
Archery

19:00 *Dinner*

Wednesday, June 15th

8:30 – 9:30 *Breakfast*

9:45 – 10:45 **Session V**
Chair: Janis Müller (IGradU, Ulm)

Dominik Hotter (IGradU, Ulm)
Overlap extension PCR – The reliable all-rounder for the generation of recombinant plasmids

Viola Meyer-Pannwitt (IGradU, Ulm)
Targeted genome editing via CRISPR /Cas9

Lara Riehl (IGradU, Ulm)
Ultra deep targeted sequencing of minimal amount of circulating cell free DNA from plasma

Coffee Break

11:00 – 12:15 **Jan Münch** (Ulm, D)
The human peptidome as source for novel drugs

12:30 – 13:30 *Lunch Break*

14:00 – 15:30 **Session VI**
Chair: Sascha Rode (IGradU, Ulm)

Paul Walther (Ulm, D)
Electron microscopy in cell biology and virology

16:00 – 18:30 *Team Challenge*
Please wear stable hiking shoes and bring water with you. (Duration: 150 min)

19:30 *Departure House Bergfelder*

21:30 *Arrival at Ulm University*