

# Research School Retreat 2019 - Program



Location: Outdoorhotel Jäger von Fall, Ludwig Ganghofer  
Straße 8, 83661 Lenggries- Fall

## Monday, April 29, 2019

08:30 - 09:00 *Arrival & Welcome Coffee/Snacks*

09:00 - 09:10 Welcome and Introduction  
Claudia Staab-Weijnitz, Doreen Franke

### **Project Presentations – Session 1**

Chairs: Vijay Rajendran, Pushkar Ramesh

09:10 - 09:30 Ayse Seda Yazgili: Regulation of PA200 in lung biology and diseases

09:30 - 09:50 Sabine Behrend: Spatiotemporal evolution of mutational processes in lung adenocarcinoma – SEMPRES

09:50 - 10:10 Severine Craz: Rebuilding new lungs: Studying homing of basic lung cell types into their native niche of decellularized *ex vivo* human lung slices by 4D live-cell light-sheet microscopy

10:10 - 10:30 Laura Mattner: Functional proteomics of cellular rigidity sensing mechanisms

10:30 - 10:50 *Break*

### **Project Presentations – Session 2**

Chairs: Sabine Behrend, Donovan Correa-Gallegos, Laura Mattner

10:50 - 11:10 Ashesh Chakraborty: Development of *in-vitro* approaches for research on mechanisms on lung regeneration

11:10 - 11:30 Michal Mastalerz: Susceptibility and response of primary human bronchial epithelial cells to cigarette smoke

11:30 - 11:50 Mircea-Gabriel Stoleriu: Inflammatory and antioxidant effects of inhaled nanoparticles on human primary bronchial epithelial cells as putative drivers of exacerbation in COPD

11:50 - 12:10 Gizem Günes: Epigenetic regulation of B cell migration and positioning via the EB12 receptor in COPD

12:10 - 12:30 Sezer Orak: Towards Prediction of the Pharmacokinetics of Inhaled Nanomedicine from Physiological Cell Models: A Case Study with Liposomal Ciclosporin A

12:30 - 12:50 Ali Doryab: A tunable hybrid natural-synthetic membrane: Implications for the physiology of mechanically stretched cells under air-liquid culture conditions

13:00 - 14:00 *Lunch*

14:00 - 18:00 *Outdoor Activity*

18:00 - 19:30 **Detailed Feedback: Presentation style (group 1)**

Matthias Beckmann

**Detailed Feedback: Scientific content (individually, presenters - session 2)**

Mareike Lehmann, Markus Rehberg, Claudia Staab-Weijnitz, Otmar Schmid

19:30 - oE *Dinner & Get-together*

## **Tuesday, April 30, 2019**

06:30 - 08:00 Bird Watching (optional)  
Guide: Claudia Staab-Weijnitz

07:30 - 09:00 *Breakfast*

### **Project Presentations – Session 3**

Chairs: Gizem Günes, Ashesh Chakraborty, Mircea-Gabriel Stoleriu

09:00 - 09:20 Aydan Sardogan: *In vivo* clonal analysis & lineage tracing of mesothelial cells

09:20 - 09:40 Donovan Correa-Gallegos: Subcutaneous tissue-level translocations give rise to cutaneous scars

09:40 - 10:00 Shruthi Kalgudde: Investigating the role of dermal adipocytes in scar development

10:00 - 10:20 Li Wan: The function of gap junction on scar formation

10:20 - 10:40 Pushkar Ramesh: Scar formation is driven by N-Cadherin dependent collective fibroblast migration

10:40 - 11:00 Vijay Rajendran: *In Vivo* Gene Editing in Scar Forming Fibroblasts Using AAV-CRISPR/Cas9 System

11:00 - 11:30 *Coffee Break*

11:30 - 12:30 **Introduction Grant Writing**

Claudia Staab-Weijnitz

12:30 - 13:30 *Lunch*

13:30 - 15:00 **Detailed Feedback: Presentation style (group 2)**

Matthias Beckmann

**Detailed Feedback: Scientific content (individually, presenters - sessions 1 + 3)**

Mareike Lehmann, Markus Rehberg, Claudia Staab-Weijnitz, Otmar Schmid

15:00 - 15:30 *Coffee Break*

15:00 - 16:30 **Detailed Feedback: Presentation style (group 3)**

Matthias Beckmann

16:30 - 17:00 Student Feedback + Closing Remarks

17:00 *Departure*

## Practical Information

- ✓ Presentations: 15 min + 5 min discussion. The trainer from the *Presentation Skills Workshop* will be on site so you will receive detailed (video) feedback on your presentation additionally to the feedback on the scientific content provided by the Research School faculty.
- ✓ Outdoor Activity: Please bring comfortable clothes/shoes!! Also pack for rainy/cold days, just in case!
- ✓ Get-together: You love to entertain? Feel free to plan a nice program (open stage, games, etc.).
- ✓ Meals: Meals, snacks, and alcohol-free drinks will be included throughout the day and during dinner time. If you'd like to order anything else, we kindly ask you to please cover the costs yourself. Please let us know if you have any particular dietary requirements (vegetarian, allergies, lactose or gluten intolerance etc.).
- ✓ Accommodation incl. breakfast is reserved and paid for one night from April 29-30, 2019:  
Outdoorhotel Jäger von Fall  
Ludwig Ganghofer Straße 8  
83661 Lenggries- Fall  
  
You can use the sauna, jacuzzi, and steam bath for free.
- ✓ Transportation: A pick-up service from the train station to the hotel can be arranged for the train that arrives in Lenggries at 08:11 am. Please let us know by April 15, 2019 if you need a shuttle. If you'd like to drive yourself and take a few of your peers with you, that's fine too. In any case, please submit a *Dienstreiseantrag* (PSP: G-501600-001).

We are looking forward to fruitful and interactive discussions.

Claudia Staab-Weijnitz & Doreen Franke