



## Retreat program

### Retreat 2016 – PhD Program in Integrative Molecular Medicine (imMed)

Monday, June 13, 2016

- 07:50 h**            **Meeting point 1 - Zurich main station, head of track 15**
- 08:03 h            Departure of train ICN 512 to Biel from track 15 (seats are reserved for our group)
- 09:13 h            Arrival in Biel  
                         10' walk to cable car
- 09:30 h            Departure cable car to Magglingen
- 09:39 h            Arrival cable car in Magglingen
- 09:45 h            **Meeting point 2:**  
**Sportzentrum Magglingen, JuraHaus** (*building 45 on map*),  
**seminar room "Magglingen/Leubringen"**  
Coffee & Gipfeli
- 10:00 h            *Begin of the scientific part: Welcome*
- 10:10 h            4 Presentations (see page 3)
- 11:30 h            short break
- 11:45 h            3 Presentations (see page )
- 12.45 h            Info Lunch/afternoon and evening program/accommodation
- 13:00 h            Lunch at the restaurant at „Bellavista“ (*building 03 on map*),
- 14:15 h**            **Dr. Doris Wisler, Clinical Trial Center USZ**  
**New Drug – From Bench to Bedside**
- 15:15 h            Poster session (see page 4)  
  
Coffee & cake
- 16:30 h            Check-in dormitories at "Bellavista"
- 17:15 h**            **Meeting point 3: Outside building „Bellavista“**  
30-40' walk through the forest to the „Waldhaus“ (*building 43 on map*)  
  
Apéro  
Barbecue

#### Accommodation

Mainly shared rooms (1-4 beds) with pillows/duvets and bed linen at the Sport- und Kongresszentrum Magglingen (no sleeping bags necessary)



**Tuesday, June 14, 2016**

07:00-08:00 h Breakfast at the restaurant at „Bellavista“

before 08:15 h Clear rooms

**08:20 h Meeting point 1:  
Sportzentrum Magglingen, Main building, Theorieraum 202/203 (building 01 on map),  
Luggage storage**

08:30-09:00 h Information and questions and answers

09:00-10:00 h 3 Presentations (see page 3)

10:00 h Information and start of team sports competition at Lärchenplatz (13 and 14 on map)

13:00 h Lunch

14:15 h Award ceremony: team sports competition  
Award ceremony: Best presentation and best poster  
Farewell

Pick up luggage

14:45 h Departure of cable car from Magglingen to Biel

10' walk to railway station Biel

15:17 h Departure of train ICN 1527 from Biel to Zurich HB

16:30 h Arrival Zurich main station

**Packing list**

- Comfortable shoes and clothing suitable for the weather. We will spend quite some time outside walking. Magglingen is on 1000 m altitude, it can be quite chilly in the evening.
- Outdoor sports shoes, sports clothes for sports team competition on the second day
- Sun protection, umbrella etc.
- Torch, if you have one, for the walk back from the cabin to the hotel at night
- Back-up of your slides for your presentation or/and your poster

Sport- und Kongresszentrum Magglingen:

[http://www.baspo.admin.ch/internet/baspo/de/home/dienstleistungen/sport\\_und\\_kongresszentrum.html](http://www.baspo.admin.ch/internet/baspo/de/home/dienstleistungen/sport_und_kongresszentrum.html)



## Presentations

### Monday, June 13, 2016

- 10:10 h **Ingold Sabrina**  
Association of a Body Fluid with a DNA Profile by Targeted RNA/DNA Deep Sequencing
- 10:30 h **Generali Melanie**  
Reprogramming of PBMCs into iPSCs for the in-vitro manufacture of bioengineered vascular grafts
- 10:50 h **Schori Christian**  
Mouse vitreous proteomics to identify biomarkers for hypoxia related retinal degeneration
- 11:10 h **Schniering Janine**  
Early detection of lung involvement in systemic sclerosis using molecular targeted imaging
- 11:30 – 11:45 h *short break*
- 11:45 h **Villars Fabienne**  
Novel therapeutic approaches for the treatment of the cancer anorexia and cachexia syndrome.
- 12:05 h **Smolar Jakub**  
Dr. = strange love or: how I learned to stop worrying and love the PhD (Utilizing hydrogels for detrusor bioengineering: A stem cell approach)
- 12:25 h **Pickel Christina**  
Investigating the functional interplay of the oxygen-sensing hydroxylase FIH and the deubiquitinase OTUB1
- 14:15 – 15:15 h **Wisler Doris, Clinical Trials Center USZ**  
New Drug – From Bench to Bedside

### Tuesday, June 14, 2016

- 09:00 h **Zimoch Jakub**  
Utilization of adipose-derived cells to bio-engineer skin substitutes that consist of the epidermis, the dermis and the hypodermis
- 09:20 h **Oparija Lalita**  
Phosphorylation as a possible regulatory mechanism of human amino acid uniporter LAT4
- 09:40 h **Kuo Willy**  
Large volume high-resolution 3D-imaging of mouse kidneys using X-ray micro-CT and light microscopy



## Posters

Kehl Debora	Comparative analysis of the pro-angiogenic potential of different human mesenchymal stem cell sources
Festa Beatrice Paola	Defective autophagy-lysosome degradative pathway drives cellular dysfunction in Nephropathic Cystinosis'
Olinger Eric	The serine protease hepsin mediates uromodulin cleavage and regulates thick ascending limb function
Diaz-Canestro Candela	The role of SIRT5 in ischemia/reperfusion induced- brain injury
Vohra Twinkle	Acute dynamics of ROMK trafficking in different nephronal segments under acute potassium loading
Huang Sheng-Fu	Astrocyte shuttling and microvascular endothelial cell stability
Tsao Chih-Chieh	The role of pericyte-specific HIF-1 in blood-brain barrier disruption and outcome following transient cerebral ischemia
Tarasco Erika	Characterization of lipid and glucose metabolism in ApoE*3Leiden.CETP mice
Malagola Ermanno	Thyroid hormone T3 governs pancreatic acinar cell proliferation
Velagapudi Srividya	VEGF an important Factor in endothelial HDL Transcytosis
Plessl Tanja	Molecular Mechanisms and Interactions in Methylmalonic Aciduria
Orlando Ilaria	Modulation of oxygen-regulated erythropoietin expression
Renoux Florian	Treg deficiency in the Fra2 transgenic mouse model
Keller Daniel	Diffusion Tensor Imaging (DTI) to visualize in vivo muscle regeneration after cell therapy
Papageorgiou Panagiota	Hydrogel-based Cell Traps for capturing MPCs participating in Bone Healing and Regeneration model