Salvisberg Symposium on Advances in Neuropathology

September 6\textsuperscript{th} - 10\textsuperscript{th}, 2017

Val Blu Resort
Bludenz, Austria
SSAN - general information

**curators**
Prof. Adriano Aguzzi
Institute of Neuropathology
University of Zurich
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mobile: +41 (79) 320 1516

Prof. Burkhard Becher
Institute of Experimental Neuropathology
University of Zurich
e-Mail: becher@immunology.uzh.ch
mobile: +41 (78) 709 4018

**organisation**
Dr. Karl Frontzek
Institute of Neuropathology
University of Zurich
e-Mail: karl.frontzek@usz.ch
mobile: +41 (76) 722 8185

**venue location**
Val Blu Resort GMBH
Haldenweg 2a
6700 Bludenz
mail: valblu@bludenz.at
phone: +43 (5552) 63106

**in case of emergencies**
fire - 122
police - 133
medical - 144

**how to get to and from Bludenz**

**arrivals september 6th**
from Zurich HB 12.40 - Bludenz 14.28
  shuttle to Val Blu resort from Bludenz train station 14.30
from Zurich HB 14.40 - Bludenz 16.28
  shuttle to Val Blu resort from Bludenz train station 16.30

**departures september 10th**
from Bludenz 9.31 - Zurich HB 11.20
  shuttle to Bludenz train station from Val Blu resort tbd.
from Bludenz 11.31 a.m. - Zurich HB 13.20
  shuttle to Bludenz train station from Val Blu resort tbd.

**public transportation**
bus - bus line 2 runs from Bludenz train station to Val Blu resort,
  visit www.vmobil.at for bus schedules
city taxi bludenz - +43 (5552) 62000
<table>
<thead>
<tr>
<th>Time</th>
<th>Wed Sep 6th</th>
<th>Thu Sep 7th</th>
<th>Fri Sep 8th</th>
<th>Sat Sep 9th</th>
<th>Sun Sep 10th</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before 8:15</td>
<td>Breakfast</td>
<td>Breakfast</td>
<td>Morning lectures</td>
<td>Morning lectures</td>
<td>Breakfast</td>
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<tr>
<td>08:15-13:15</td>
<td></td>
<td></td>
<td>Imaging Techniques and Applications</td>
<td>Immunity and the CNS</td>
<td>Astrosocytes and microglia in CNS inflammation</td>
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<tr>
<td>Talk #1</td>
<td></td>
<td></td>
<td>Jaime Grutzendler</td>
<td>Alexander Flügel</td>
<td>Francesco Quintana</td>
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<tr>
<td>08.15-09.00</td>
<td></td>
<td></td>
<td>Uncovering the multicellular complexity of neurodegeneration with in vivo optical imaging</td>
<td>T-cell trafficking and communication in the course of CNS autoimmunity</td>
<td>Regulation of CNS inflammation</td>
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<tr>
<td>Talk #2</td>
<td></td>
<td></td>
<td>Jochen Herms</td>
<td>Ido Amit</td>
<td>Florent Ginhoux</td>
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<tr>
<td>09.00-09.45</td>
<td></td>
<td></td>
<td>Kinetics of synaptic pathology in transgenic mouse models of Alzheimer’s and Parkinson’s disease</td>
<td>Single cell genomics: An immunologist guide to the immuneverse</td>
<td>Microglia ontogeny and differentiation</td>
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<tr>
<td>Talk #3</td>
<td></td>
<td></td>
<td>Martin Kerschensteiner</td>
<td>Michael Heneka</td>
<td>Swetlana Sirko</td>
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<tr>
<td>09.45-10.30</td>
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<td>In vivo analysis of immune-mediated neurodegeneration</td>
<td>Innate immunity in Alzheimer’s disease</td>
<td>Strategies for (re)generating the adult CNS: where are we now and where are we going</td>
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<tr>
<td>10.30-11.00</td>
<td>Coffee break</td>
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<tr>
<td>Talk #4</td>
<td></td>
<td></td>
<td>Arthur Konnerth</td>
<td>Melanie Meyer-Lühmann</td>
<td>Marco Colonna</td>
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<tr>
<td>11.00-11.45</td>
<td></td>
<td></td>
<td>Neuronal and circuit impairments in mouse models of Alzheimer’s disease in vivo</td>
<td>The impact and functional consequences of Ab seeing on neurons</td>
<td>TREM2 function in microglia</td>
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<tr>
<td>Talk #5</td>
<td></td>
<td></td>
<td>Katerina Akassoglou</td>
<td>Mikael Simons</td>
<td>Francesca Peri</td>
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<td>11.45-12.30</td>
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<td>Neurovascular interactions: mechanisms, imaging, therapeutics</td>
<td>The cell biology of myelin in the healthy, diseased and aging brain</td>
<td>The brain under surveillance: the role of neuronal-microglial interactions in the development and repair of the CNS</td>
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<tr>
<td>Talk #6</td>
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<td></td>
<td>Andrea Volterra</td>
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<td>Shane A Liddelow</td>
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<td>12.30-13.15</td>
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<td></td>
<td>A mechanism linking neuro-inflammation to synaptic and memory alteration via TNFalpha and astrocytes</td>
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<td>What do reactive astrocytes do?</td>
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<td>13.15-18.00</td>
<td>Lunch break and individual meetings</td>
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<tr>
<td>18.00-19.30</td>
<td>Welcome Apéro and Introduction by Adriano Aguzzi</td>
<td>Breakout session</td>
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<td>Speech Jürg Salvisberg</td>
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<tr>
<td>19.30 -</td>
<td>Dinner</td>
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**guidelines on the breakout sessions:**

- on Thursday, 7th/Friday, 8th/Saturday, 9th, there will be breakout sessions between 18.00 - 19.30 in the seminar rooms at Val Blu
- each group will give a short (ca. 5 min) powerpoint presentation to the respective speakers followed by subsequent discussions
- the group’s titles are not meant to be taken literally, but give rather an orientation about the group’s scientific topics
- groups are advised to meet prior to the first breakout session in order to determine a person presenting the brief introduction to the speakers

<table>
<thead>
<tr>
<th>group name</th>
<th>participants</th>
<th>speakers Thursday</th>
<th>speakers Friday</th>
<th>speakers Saturday</th>
</tr>
</thead>
</table>
| **Aguzzi and Becher Labs: Antibody Screens and Neuroinflammation**         | Andra Chincisan  
Carmen Schiavi  
Karl Frontzek  
Manfredi Carta  
Marc Emmenegger  
Marco Losa  
Katrin Frauenknecht  
Dunja Mrdjen  
Sarah Mundt | Flügel A  
Liddelow S  
Meyer-Lüthmann M  
Volterra A | Colonna M  
Ginhoux F  
Heneka M | Akassoglou K  
Simons M  
Kerschensteiner M |
| **Aguzzi and Becher Labs: Imaging technologies, Monocytes/Microglia**       | Caihong Zhu  
Daniel Kirschenbaum  
Alexander von Hoyningen  
Flavio Vasella  
Liu Yingjun  
Juliana Komuczki  
Ana Amorim de Oliviera  
Donatella de Feo  
Edoardo Galli | Akassoglou K  
Grutzendler J  
Heneka M  
Kerschensteiner M | Quintana F (tentative)  
Sirko S  
Amit A  
Konnerth A | Colonna M  
Flügel A  
Ginhoux F  
Liddelow S |
| **Aguzzi and Polymenidou Labs: Function of amyloid proteins in physiology and disease**  
Becher Lab: Brain Cancer Immune Landscape | Marian Hruska-Ploczan  
Zuzanna Maniecka  
Manuela Perez  
Anna Henzi  
Marie-Angela Wulf  
Claudia Scheckel  
Asvin Lakkaraju  
Ekatarina Terskikh | Herms J  
Konnerth A  
Simons M  
Sirko S | Akassoglou K  
Flügel A  
Liddelow S  
Meyer-Lüthmann M | Amit A  
Heneka M  
Grutzendler J  
Peri F |
| **Aguzzi Lab: RNAi and aggregation assays on PrP and others, Becher Lab: Interleukins - Signalling & Therapy** | Kristina Arich  
Valeria Eckhardt  
Daniel Heinzer  
Daniel Pease  
Merve Avar  
Manuela Pfammatter  
Simone Homemann  
Myrto Andreadou  
Catarina Raposo | Amit A  
Ginhoux F  
Colonna M | Herms J  
Kerschensteiner M  
Grutzendler J  
Simons M  
Peri F (tentative) | Quintana F  
Meyer-Lüthmann M  
Sirko S  
Konnerth A |