

# Joint Retreat KFSP Small RNAs PrionX E-Rare PrionImmunity

Bludenz, 27-30 October 2016

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## Venue

**VAL BLU GmbH Resort / Spa**

**Haldenweg 2a, 6700 Bludenz  
Telefon +43 5552 63106**

**Fax +43 5552 63106-4  
[valblu@bludenz.at](mailto:valblu@bludenz.at)**

**<http://www.valblu.at>**



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## Organization

**Institute of Neuropathology  
University Hospital Zurich  
Schmelzbergstrasse 12  
8091 Zurich  
Switzerland**

Prof. Dr. Adriano Aguzzi  
PD Dr. Simone Hornemann  
Jacqueline Wiedler

phone +41 76 585 62 90  
phone +41 78 680 70 28

## Travel information

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### How to get there and back by public transport:

Train	Departure from Zürich main station	Arrival at Bludenz
Railjet 167, direct train	12:40	14:26
Railjet 169, direct train	14:40	16:26

Train	Departure from Bludenz	Arrival at Zürich main station
Railjet 160, direct train	13:33	15:20
Railjet 162, direct train	15:33	17:20

In Bludenz, use **Stadtbus lines 2 or 3** to get to the Hotel.

There are a number of other train connections, all of which take longer and entail changing trains. For details, please refer to the SBB online schedule.

Online train schedule: <http://www.sbb.ch/en/timetable.html>

Travel information & map: <http://www.valblu.at/de/resort-vorarlberg/kontakt/lage-anreise.html>



## Program

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### Thursday, 27 October 2016

Before 17:00    Arrival & Check-in

17:00            Welcome Apéro

18:00            **Introduction by Adriano Aguzzi**

**Ehud Cohen**, Biochemistry and Molecular Biology, The Hebrew University of  
Jerusalem

*Cellular pathways of aggregated prion molecules*

19:00            Dinner

## Program

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### Friday, 28 October 2016

Before 08:30	<b>Breakfast</b>	
08:30-11:00	<b>Itzel Condado-Morales</b> , Biophysics & Biophysical Chemistry, University of Cambridge <i>FRET diffusional-sizing</i>	Prion X
	<b>Daniel Pease</b> , Institute of Neuropathology, UZH <i>Genome-Wide Human miRNA Screen Assessing PrP</i>	
	<b>Coffee Break</b>	
	<b>Razieh Kamali Jamil &amp; Holger Wille</b> , Centre for Prions and Protein Folding Diseases, University of Alberta <i>Structural investigation of bovine spongiform encephalopathy prions using cryoelectron microscopy</i>	E-Rare Prion Immunity
11:00-16:00	<b>Lunch Break and individual activities</b>	
16:30	<b>Coffee</b>	
17:00-19:00	<b>Angelika Hartung</b> , Division of Endocrinology, Diabetes and Clinical Nutrition UZH <i>Identification of the microRNA-15/16 family which influence mitochondrial function in human skeletal muscle</i>	KFSP Small RNAs
	<b>Karl Frontzek</b> , Institute of Neuropathology, UZH <i>Therapeutic Human Autoantibodies Against the Prion Protein</i>	
	<b>Aviad Levin</b> , Biophysics & Biophysical Chemistry, University of Cambridge <i>Self-assembly of short peptides under volume confinement</i>	Prion X
19:00	<b>Dinner</b>	

## Program

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### Saturday, 29 October 2016

Before 08:30	<b>Breakfast</b>	
08:30-11:00	<p><b>Antoine Daina</b>, Swiss Institute of Bioinformatics, University of Lausanne <i>Progresses in Molecular Modeling and Chemoinformatics</i></p> <p><b>Katrin Frauenknecht</b>, Institute of Neuropathology UZH <i>Evaluation of human auto-antibodies against TREM2</i></p>	Prion X
	<b>Coffee Break</b>	
	<p><b>Jérôme Dauvillier</b>, Swiss Institute of Bioinformatics, University of Lausanne <i>HTS of siRNA effects on prion protein expression - Data processing and pathway analysis</i></p> <p><b>Asvin Lakkaraju</b>, Institute of Neuropathology, UZH <i>Gpr126: The prion protein receptor</i></p>	Prion X
11:00-16:00	<b>Lunch Break and individual activities</b>	
16:30	<b>Coffee</b>	
17:00-19:00	<p><b>Hayder Amin</b>, Istituto Italiano di Tecnologia, Neuroscience and Brain Technology <i>Electrical read-outs of induced network dysfunction with high-resolution electrode arrays</i></p> <p><b>Valeria Eckhardt</b>, Institute of Neuropathology UZH <i>siRNA-mediated HTS to identify chaperone genes involved in prion protein expression and replication</i></p> <p><b>Lianne Roode</b>, Biophysics &amp; Biophysical Chemistry, University of Cambridge <i>Microfluidic Assays for Single Cell Studies</i></p>	E-Rare Prion Immunity  KFSP Small RNAs  Prion X
19:00	<b>Dinner</b>	

## Program

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### Sunday, 30 October 2016

Before 09:00    **Breakfast**

09:00-12:00    **Regina Reimann**, Institute of Neuropathology UZH

*Depicting the role of the FT functional domains in  
antiprion mediated neurodegeneration*

#### **Coffee Break**

**Georg Meisl**, Biophysics & Biophysical Chemistry,  
University of Cambridge  
*Modeling protein aggregation*

Prion X

**Marian Hruska-Plochan**, Institute of Molecular Life  
Sciences, University of Zurich  
*Building novel inducible models of DPR toxicity in human  
neurons and astrocytes*

KFSP Small RNAs

#### **Lunch & Departure**

## List of participants

Adriano Aguzzi	Prof. Dr.	Institute of Neuropathology, University of Zurich/University Hospital Zurich	adriano.aguzzi@usz.ch
Hayder Amin	Postdoc	Istituto Italiano di Tecnologia, Neuroscience and Brain Technology, Genova, Italy	hayder.amin@iit.it
Merve Avar	Master student	Institute of Neuropathology, University of Zurich/University Hospital Zurich	merve.avar@usz.ch
Luca Berdondini	Senior researcher	Istituto Italiano di Tecnologia, Neuroscience and Brain Technology, Genova, Italy	Luca.Berdondini@iit.it
Ehud Cohen	Prof. Dr.	Biochemistry and Molecular Biology, The Hebrew University of Jerusalem, Israel	ehudc@ekmd.huji.ac.il
Itzel Condado- Morales	PhD student	Biophysics & Biophysical Chemistry, University of Cambridge, UK	ic304@cam.ac.uk
Antoine Daina	Senior scientist	Swiss Institute of Bioinformatics, University of Lausanne	Antoine.Daina@unil.ch
Jérôme Dauvillier	Senior scientist	Swiss Institute of Bioinformatics, University of Lausanne	jerome.dauvillier@sib.swiss
Valeria Eckhardt	PhD student	Institute of Neuropathology, University of Zurich/University Hospital Zurich	valeria.eckhardt@usz.ch
Katrin Frauenknecht	Dr. med.	Institute of Neuropathology, University of Zurich/University Hospital Zurich	katrin.frauenknecht@usz.ch
Karl Frontzek	Dr. med./MD- PhD student	Institute of Neuropathology, University of Zurich/University Hospital Zurich	karl.frontzek@usz.ch
Kamal Hamid	Master student	Institute of Neuropathology, University of Zurich / University of Toronto, Canada	k.hamid@alum.utoronto.ca
Angelika Hartung	PhD, postdoc	Division of Endocrinology, Diabetes and Clinical Nutrition University of Zurich/University Hospital Zurich	angelika.hartung@usz.ch

Daniel Heinzer	Master student	Institute of Neuropathology, University of Zurich/University Hospital Zurich	daniel.heinzer@usz.ch
Hornemann Simone	PD Dr.	Institute of Neuropathology, University of Zurich/University Hospital Zurich	simone.hornemann@usz.ch
Marian Hruska- Plochan	PhD, postdoc	Institute of Molecular Life Sciences, University of Zurich	marian.hruska@imls.uzh.ch
Razieh Kamali Jamil	PhD student	Centre for Prions and Protein Folding Diseases , University of Alberta, Canada	kamalija@ualberta.ca
Tuomas Knowles	PhD	Biophysics & Biophysical Chemistry, University of Cambridge, UK	tpjk2@cam.ac.uk
Asvin Lakkaraju	Postdoc	Institute of Neuropathology, University of Zurich/University Hospital Zurich	asvin.lakkaraju@usz.ch
Aviad Levin	Postdoc	Biophysics & Biophysical Chemistry, University of Cambridge, UK	A1680@cam.ac.uk
Yingjun Liu	Postdoc	Institute of Neuropathology, University of Zurich/University Hospital Zurich	yingjun.liu@usz.ch
Andreia Magalhães	MD-PhD student	Institute of Neuropathology, University of Zurich/University Hospital Zurich	andreasdm@gmail.com
Georg Meisl	Research Fellow	Biophysics & Biophysical Chemistry, University of Cambridge, UK	gm373@cam.ac.uk
Daniel Pease	PhD student	Institute of Neuropathology, University of Zurich/University Hospital Zurich	danielpatrick.pease@usz.ch
Manuela Pfammatter	PhD student	Institute of Neuropathology, University of Zurich/University Hospital Zurich	manuela.pfammatter@usz.ch
Regina Reimann	MD-PhD	Institute of Neuropathology, University of Zurich/University Hospital Zurich	regina.reimann@usz.ch
Lianne Roode	PhD student	Biophysics & Biophysical Chemistry, University of Cambridge, UK	lwyr2@cam.ac.uk
Claudia Scheckel	Postdoc	Institute of Neuropathology, University of Zurich/University Hospital Zurich	claudia.scheckel@usz.ch
Jacqueline Wiedler	Research admin	Institute of Neuropathology, University of Zurich/ University Hospital Zurich	jacqueline.wiedler@usz.ch





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Holger Wille	Prof. Dr.	Centre for Prions and Protein Folding Diseases , University of Alberta , Canada	wille@ualberta.ca
Angi Wulf	MD-PhD student	Institute of Neuropathology, University of Zurich/University Hospital Zurich	Marie-Angela.Wulf@usz.ch
Vincent Zoete	PhD, Associate Group Leader	Swiss Institute of Bioinformatics, University of Lausanne	vincent.zoete@sib.swiss

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