




INNSBRUCK MEDICAL UNIVERSITY &  
UNIVERSITY OF INNSBRUCK - NEUROSCIENCE

# Neuroscience Day 2012

Thursday, April 19<sup>th</sup> and  
Friday, April 20<sup>th</sup> 2012, Grillhof, Vill

Final Program &  
Abstract Book





**Thursday, April 19<sup>th</sup>**

KEYNOTE LECTURE 1

Chair: Gregor Wenning

**17:00 – 18:00 Olaf Rieß**

Department of Medical Genetics, Tübingen

**Transgenic Models of Neurodegenerative Diseases**

CHEESE AND WINE

**18:00 – 20:00** Get together with the Innsbruck  
Neuroscience Community

*Organizing Committee:*

Markus Reindl

Christoph Schwarzer

Daniela Weth

*Programm Committee:*

Thomas Berger

Bernhard Flucher

Markus Reindl

Christoph Schwarzer

Nicolas Singewald

Joerg Striessnig

This meeting is supported by the FWF financed Doctoral Colleges

**SPIN** (W1206-B05) and **MCBO** (W11) and the **SFB – F44**.

[www.neurospin.at](http://www.neurospin.at);

[mcbo.at](http://mcbo.at);

[www.uibk.ac.at/pharmazie/pharmakologie/sfb-f44/](http://www.uibk.ac.at/pharmazie/pharmakologie/sfb-f44/)

COMMUNICATION



## Friday, April 20<sup>th</sup>

08:15 – 09:00 Registration and Poster Set-up

09:00 – 09:15 Opening by **Georg Dechant and Thomas Berger**

### KEYNOTE LECTURE 2

Chair: Nicolas Singewald

09:15 – 10:15 **André Fischer**

European Neuroscience Institute, Göttingen

**Epigenetic Mechanisms in Brain Diseases.**

### ORAL PRESENTATIONS 1

Chair: Nadia Stefanova

10:15 – 10:30 **Daniela Kuzdas** (Neurobiology)

Heart Rate Variability analysis in an  $\alpha$ -synuclein overexpressing mouse model of Multiple System Atrophy.

10:30 – 10:45 **Nigel Whittle** (CMBI)

Inhibitors of histone deacetylases reverse extinction consolidation deficits in a psychopathological animal model.

10:45 – 11:00 **Thomas Potrusil** (Otorhinolaryngology)

The unmyelinated perikarya of human spiral ganglion neurons: Impact on action potential propagation.

11:00 – 11:15 **Rana El Rawas** (Experimental Psychiatry)

Preventive role of social interaction for cocaine conditioned place preference: correlation with FosB/DeltaFosB and pCREB expression in rat mesocorticolimbic areas.

11:15 – 11:30 **Carlo Bavassano** (Cell. & Mol. Pharmacology)

Identification of Kv $\beta$ 2 as a novel interaction partner of the pain transducer TRPV1 channel.

# SCIENCE



**Friday, April 20<sup>th</sup>**

POSTER & COFFEE SESSION 1 – Odd Numbers

11:30 – 12:45

LUNCH

13:00 – 14:00

POSTER SESSION 2 – Even Numbers

14:00 – 15:15

ORAL PRESENTATIONS 2

Chair: Galina Apostolova

15:15 – 15:30 **Andreas Eigentler** (Neurology)

Generation and neural differentiation of Friedreich Ataxia-specific induced pluripotent stem cells.

15:30 – 15:45 **Meinrad Drexel** (Pharmacology)

Parvalbumin neurons and calretinin immunoreactive fibers degenerate in the subiculum after kainate-induced seizures in the rat.

15:45 – 16:00 **Marta Campiglio** (Physiology and Medical Physics)

Dynamics of homologous and heterologous calcium channel  $\alpha_1$  and  $\beta$  subunits in the skeletal muscle triad.

16:00 – 16:15 Presentation of Presenter Awards

KEYNOTE LECTURE 3

Chair: Bernd Flucher

16:15 -17:15 **Jens Rettig**

Institute of Physiology, Homburg

**Mechanistic Insights in Ca-dependent Exocytosis.**

17:15 – 17:20 Concluding Remarks by **Thomas Berger and**

**Georg Dechant**

LECTURES



## General Informations

As last year the Neuroscience Day will be held at the **“Bildungsinstitut Grillhof”** in Vill near Innsbruck. You can reach it either by car (follow the road to Igls and turn left in Vill, then follow the signs to Grillhof) or by bus using line J (get off in Vill and walk up to Grillhof).

In order to keep costs low, we would like to ask all participants to bring their own name badges (recycle those of the last ANA meeting or else) and print your own copy of this program, please.

Short talks are 10 min plus a 5 min discussion. Please keep strictly to these limitations. Authors who give a talk are asked to visit the lecture hall between 8:30 and 8:45 to upload their powerpoint presentations.

Posterboards are 120 x 150 cm portrait. You will find numbers on the boards corresponding to the number of your abstract in the abstract book, indicating the place where you should mount your poster. Pins are available at Grillhof. Presenters of posters with odd numbers should be present at their poster during the pre-lunch poster session, those with even numbers should present their poster in the after-lunch session.

This year, we want to try something novel – a Poster Presenter Award. The idea is simple – we want to award the best presentations and not the best projects. For this purpose, referees will visit your posters and judge the layout of the poster and the way you present it.

All attendants to the meeting are kindly asked to pre-register for easier planning of facilities and lunch. We would highly appreciate to receive a single mail per working group or section listing all attendants. Moreover, we ask everyone to visit the registration desk in Vill to indicate if you like vegetarian or non-vegetarian food for lunch. Bills for the registration fee will be send after the meeting.

# EDUCATION



# Events