



INNSBRUCK MEDICAL UNIVERSITY &
UNIVERSITY OF INNSBRUCK - NEUROSCIENCE

Neuroscience Day 2013

Friday, April 5th 2013, Innsbruck, Innrain
80/82 - CCB

Final Program &
Abstract Book





Scientific program

Friday, April 5th

Organizing Committee:

Monika Büssing
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Programm Committee:

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This meeting is supported by the FWF financed Doctoral Colleges
SPIN (W1206-B05) and **MCBO** (W11) and the **SFB – F44**.

www.neurospin.at;

www.mcbo.at;

www.uibk.ac.at/pharmazie/pharmakologie/sfb-f44/

COMMUNICATION



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

09:00 – 09:15 Opening

KEYNOTE LECTURE 1

Chair: Markus Reindl

09:15 – 10:15 **Hans Lassmann**

Center for Brain Research, Medical Univ. Vienna
**Mechanisms of immune-mediated tissue injury
in the central nervous system.**

POSTER & COFFEE SESSION 1 – Odd Numbers

10:15 – 11:45

ORAL PRESENTATIONS 1

Chair: Gerald Obermair

11:45 – 12:00 **Claudia Schmuckermair** (CMBI, Pharmacy)

Behavioural and neurobiological effects of deep brain stimulation in a mouse model of high anxiety- and depression-like behaviour.

12:00 – 12:15 **Luca Zangrandi** (Pharmacology)

Activation of kappa opioid receptors reduces seizure activity in a mouse model of temporal lobe epilepsy.

12:15 – 12:30 **Lindsay A. Hohsfield** (Psychiatry)

The efficacy of NGF-secreting primary monocytes as therapeutic delivery vehicles in a cognitively-impaired cholesterol rat model.

12:30 – 12:45 **Melanie Ramberger** (Neurology)

N-Methyl-D-Aspartate receptor antibodies in neuroinflammatory diseases.

12:45 – 13:00 **Gurjot Kaur** (CMBI, Pharmacy)

Identification of a polybasic polyphosphoinositide binding motif in the cytoplasmic I-II linker of voltage-gated $\text{Ca}_v1.2$ Ca^{2+} channels.

SCIENCE



LUNCH

13:00 – 14:00

POSTER SESSION 2 – Even Numbers

14:00 – 15:15

KEYNOTE LECTURE 2

Chair: Georg Dechant

15:15 -16:15 **Bendikt Grothe**

Neurobiology, LMU Munich

**Of bats and man –
the evolution and principles of spatial hearing**

ORAL PRESENTATIONS 2

Chair: Barbara Hausott

16:15 – 16:30 **Philipp Malsch** (Physiology)

Molecular background of reduced mechanical hypersensitivity in conditional Glycoprotein 130 knock-out mice.

16:30 – 16:45 **Solmaz Etemad** (Physiology)

Differential targeting properties of a new and two previously known calcium channel $\beta 4$ splice variants in primary cultured neurons

16:45 – 17:00 **Julia V. Georgieva** (CMBI, Pharmaceutic. Chemistry)

Expression and distribution of μ - and δ -opioid receptors in a soft tissue tumor model in the mouse.

17:00 – 17:15 Presentation of Presenter Awards

17:00 – 17:10 Concluding Remarks

LECTURES



General Informations

This year the Neuroscience Day will be held at the “**Center for Chemistry and Biomedicin**” in Innsbruck, Innrain 80/82, Rooms M01/470 and M01/490. Parking space is limited, so better come by public transport lines C or M. The meeting takes place in the eastern part of the building in the seminar rooms just above the restaurant.

In order to keep costs low, we would like to ask all participants to print your own copy of this program, please.

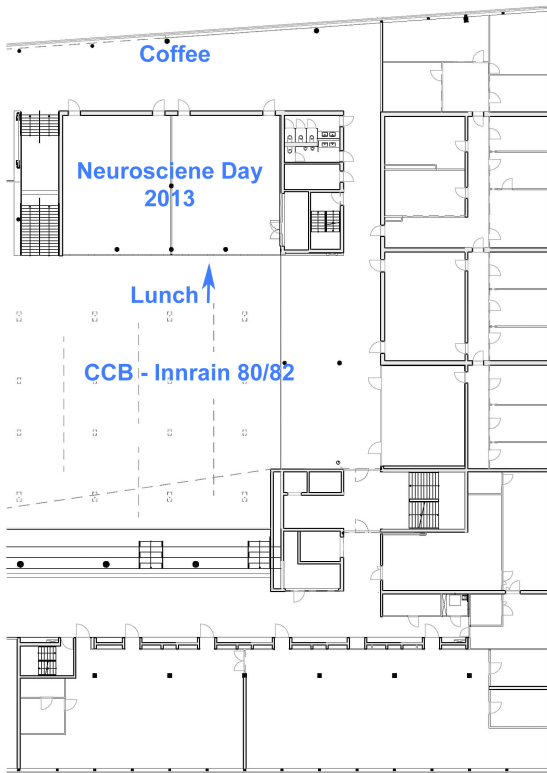
Short talks are 10 min plus a 5 min discussion. Please keep strictly to these limitations. Authors who give a talk are asked to visit the lecture hall between 8:15 and 8:45 to upload their powerpoint presentations.

Posterboards are A0 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 the boards. 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.

After the positive feedback last year, we will have a Poster Presenter Award also this year. 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. This year we need to ask you for payment before the meeting. Registered participants are asked to visit the registration desk to pick up their lunch vouchers

EDUCATION



EVENTS