



Österreichische Gesellschaft
für Neurowissenschaften



12th Annual Meeting

of the

Austrian Neuroscience Association

September 19-21, 2011

Congress Center Alpbach

Tirol, Austria

SCIENTIFIC PROGRAM

Monday, SEPTEMBER 19th, 2011

15.30 – 17.15 Registration (oberes “Otto Molden” Foyer)

16.30 – 17.15 ANA board meeting (Saal Popper)

17.20 – 17.30 Welcome address and opening ceremony*

President of ANA – Heinrich Roemer (Graz)

17.30 – 18.20 Opening lecture – plenary lecture II*

Chair: Heinrich Roemer (Graz)

Natalie Sebanz (Nijmegen, Netherlands)

“Interacting minds: a cognitive neuroscience perspective”

18.30 Poster session I*

Uneven poster number presenters are present at their posters

with buffet dinner, drinks and music (during and after poster session)

Tuesday, SEPTEMBER 20th, 2011

8.30 – 17.00 Registration

9.00 – 09.50 Plenary lecture II

Chair: Michaela Kress (Innsbruck)

Josef Penninger (Vienna, Austria)

“From systems genetics to new pain genes”

9.50 – 10.50 Oral communications 1: Voltage-gated ion channels

Chair: Bernhard Flucher (Innsbruck)
Gerald Obermair (Innsbruck)

9.50 Gabriella Bock: Identification of a new C-terminal splice variant of CA 1.3 L-type calcium channels with unique functional properties

10.05 Valentina Di Biase: Surface traffic of dendritic CaV1.2 calcium channels in hippocampal neurons

10.20 Klaus Schicker: Electrophysiological characterization of CACNA1F mutations found in patients affected by a congenital form night blindness

10.35 Hannes Todt: Exploring an external access pathway for local anesthetics in the voltage-gated Na⁺ channel

10.50 – 11.15 Coffee break - sponsored by 

*Lectures and poster presentations will be held in Saal Schrödinger

**11.15 – 12.15 Oral communications 2:
Stress, anxiety and behaviour**

Chair: Christine Bandtlow (Innsbruck)
Nicolas Singewald (Innsbruck)

- 11.15 Sarah Borrie: Investigating the molecular basis of a novel anxiolytic effect in Nogo receptor 2 knockout mice
- 11.30 Wulf Haubensak: Inhibitory gating of fear in amygdala microcircuits
- 11.45 Florian Reichmann: Environmental enrichment improves stress resilience to psychological avoidance stress in mice
- 12.00 Anupam Sah: Relation of enhanced anxiety- and depression-related behavior with adult neurogenesis: pharmacological and non-pharmacological interventions

12.15 – 13.15 Special lecture and discussion:

Chair: Sigismund Huck (Wien)

Christoph Kratky
(President of the Austrian Science Foundation FWF)
“Die Forschungsförderung durch den FWF“

13.15 – 14.00 Lunch

14.00 – 14.50 General Assembly of ANA

14.50 – 15.40 Plenary lecture III

Chair: Werner Sieghart (Wien)

Peter Jonas (Vienna, Austria)
“GABAergic interneurons: from input to output”

15.40 - 16.10 Coffee break

**16.10 – 17.10 Oral communications 3:
Ion channels, LTP and memory**

Chair: Stephan Boehm (Wien)
Hannes Todt (Wien)

- 16.10 Anna Ciuraszkiewicz: Properties of distinct neuronal nicotinic acetylcholine receptor channels in their native environment
- 16.25 Manfred Hartbauer: Neuronal coding of sensory stimuli in nature: analysis of spike trains with unsupervised clustering algorithms
- 16.40 Celine Heintz: Differential mechanisms of long-term potentiation at C-fiber synapses upon withdrawal from remifentanyl, fentanyl and morphine
- 16.55 Arsalan Yousuf: Nucleotides control the excitability of sensory neurons via two P2Y receptors and a bifurcated signaling cascade

17.10 – 18.30 Poster session II

Even poster number presenters are present at their posters

18.30 Wutzler Competition at Congress Center Alpbach

or

19.00 Dinner at Bögler-Hof

Wednesday, SEPTEMBER 21st, 2011

9.00 – 09.50 Plenary lecture IV

Chair: Ludwig Aigner (Salzburg)

Ute Schäfer (Graz, Austria)

“Neurogenesis, neuroregeneration - therapeutic approaches in experimental neurotraumatology”

**9.50 – 10.50 Oral communications 4:
Neurogenesis and neuroregeneration**

Chair: Lars Klimaschewski (Innsbruck),
Georg Dechant (Innsbruck)

- 9.50 Sebastian Illes: Identification of intrinsically spiking neurons in embryonic stem cell-derived neuronal assemblies: Implication for cell-replacement therapies
- 10.05 Serena Quarta: Significance of the IL-6 Signal Transducer gp130 für Neuronal Regeneration
- 10.20 Konstantinia Skreka: Identification of Non-coding RNAs involved in Neural Differentiation
- 10.35 Thomas Steinkellner: Calmodulin kinase II regulates amphetamine-induced reverse transport in the dopamine transporter

10.50 – 11.15 Coffee break – sponsored by



**11.15 – 12.15 Oral communications 5:
Neuropeptides and inflammation**

Chair: Peter Holzer (Graz)
Barbara Kofler (Salzburg)

- 11.15 Muhammad Asim: Combining computational, synthetical and pharmacological approaches for the identification of novel opioid analgesics
- 11.30 Marlena Beyreis: Galanin facilitates phagocytosis in microglia
- 11.45 Bernadette Taferner: NMDA-receptor mediated exitotoxicity is involved in the neuropathogenesis of experimental cerebral malaria
- 12.00 M. Kunze, D. Stoops, J. Berger: Subcellular targeting of the disease associated peptidase insulin degrading enzyme

12.15 – 12.20 FENS agenda

12.20 – 12.35 Poster Prize Awards

12.35 -13.20 “Otto Loewi Award” – sponsored by AstraZeneca 

Chair: Heinrich Römer (Graz)

Lecture of the Prize Winner

Alexandra Koschak (Vienna, Austria)

“What can we learn from disease-causing mutations in L-type calcium channels”

13.20 Lunch

14.00 End of the Meeting

Otto-Loewi-Award sponsored by



ANA and the organising committee thank the following sponsors for generous support of the meeting



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