

WEDNESDAY, OCTOBER 26TH

19:30 **GET TOGETHER**
Dinner for Speakers and Pl's

THURSDAY, OCTOBER 27TH

9:00 **WELCOME**

SESSION I-CHAIR: JUTTA ENGEL

9:15 **JÖRG STRIESSNIG, UNIVERSITY OF INNSBRUCK**
Cav1.3 L-type calcium channels: exciting in health and disease

10:00 **ANJA SCHARINGER, MCBO, UNIVERSITY OF INNSBRUCK**
Modulation of Cav1.3 L-type Ca²⁺ channel function by alternative splicing

10:20 **COFFEE BREAK**

SESSION II-CHAIR: VEIT FLOCKERZI

10:35 **MICHAEL X. ZHU, UNIVERSITY OF TEXAS**
Two-pore channels in integrative calcium signaling

11:20 **MARTA CAMPIGLIO, MCBO, MEDICAL UNIVERSITY INNSBRUCK**
Probing protein interactions in the skeletal muscle dihydropyridine receptor complex using FRAP analysis

11:40 **REINHOLD PENNER, UNIVERSITY OF HAWAII**
Channels, corals and cell proliferation: Diving for cancer drugs

12:25 **LUNCH AND POSTER SESSION**

SESSION III-CHAIR: PETER LIPP

14:30 **VOLKER HAUCKE, FREIE UNIVERSITÄT BERLIN**
How vesicles are made

THURSDAY, OCTOBER 27TH

15:15 **BENEDIKT NIMMERVOLL, MCBO, MEDICAL UNIVERSITY INNSBRUCK**
Synaptic release and synapse formation in neuronal calcium channel $\alpha 2\delta$ subunit knockdown/knockout models

15:35 **MEYER B. JACKSON, UNIVERSITY OF WISCONSIN**
Membrane fusion and membrane bending

16:20 **COFFEE BREAK**

SESSION IV-CHAIR: MARKUS HOTH

16:45 **GABRIELE FISCHER VON MOLLARD, UNIVERSITY OF BIELEFELD**
The endosomal SNAREs vti1a and vti1b have multiple roles in membrane traffic

17:30 **TIMOTHY A. RYAN, WEILL CORNELL MEDICAL COLLEGE NEW YORK**
Control of release probability by a calcium channel subunit

19:00 **DINNER WITH MAGIC**
For guests and members of GK 1326, MCBO and SFB 894

FRIDAY, OCTOBER 28TH

SESSION V-CHAIR: FRANK KIRCHHOFF

9:00 **ECKART GUNDELFINGER, IFN MAGDEBURG**
Molecular organization and plasticity of the active zone

9:45 **ANDREA VOLTERRA, UNIVERSITY OF LAUSANNE**
Astrocyte Ca²⁺ signalling: local detection and modulation of synaptic activity

10:30 **COFFEE BREAK**

SESSION VI-CHAIR: RALF MOHRMANN

10:45 **RALF SCHNEGGENBURGER, EPF LAUSANNE**
Ca²⁺ sensors for transmitter release at a large CNS synapse

FRIDAY, OCTOBER 28TH

11:30 **FLORIAN MOHR, GK 1326 - SAARLAND UNIVERSITY**
Fast neurotransmitter-mediated regulation of TRPM3 activity

11:50 **EDWIN R. CHAPMAN, HHMI, UNIVERSITY OF WISCONSIN**
Kinetic heterogeneity of Ca²⁺ sensors for neuronal exocytosis

12:35 **LUNCH**

13:40 **POSTER PRIZE AWARD CEREMONY**

SESSION VII-CHAIR: DIETER BRUNS

13:55 **DAN MINOR, UNIVERSITY OF CALIFORNIA**
Insights into ion channel function and modulation from structural and genetic studies

14:45 **NICO SCHÄUBLE, GK 1326, SAARLAND UNIVERSITY**
BIP-mediated gating of the Sec61 channel via loop 7 interaction limits Ca²⁺ leakage from the mammalian endoplasmic reticulum

15:05 **RALPH WITZGALL, UNIVERSITY OF REGENSBURG**
Intracellular trafficking of polycystin-2 (TRPP2)

15:50 **COFFEE BREAK**

SESSION VIII-CHAIR: FRANK ZUFALL

16:10 **BERNHARD FLUCHER, MEDICAL UNIVERSITY INNSBRUCK**
Structure and functions of the adult and embryonic skeletal muscle calcium channel isoforms

16:40 **AIMAN S. SAAB, SFB 894, SAARLAND UNIVERSITY**
Inducible ablation of AMPA receptors in Bergmann glia cells

17:00 **THOMAS VOETS, KATHOLIEKE UNIVERSITEIT LEUVEN**
Pores and gates in thermoTRPs

17:45 **CLOSING REMARKS**

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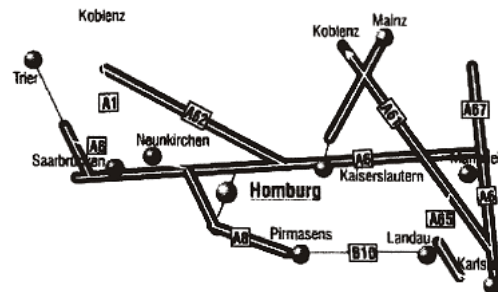
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Funded by



SFB894/MCBO/GK1326
Joint Meeting 2011

Directions to Schlossberghotel



A6 Mannheim / Saarbrücken, Ausfahrt Homburg / Bexbach

Direction Homburg, after approx. 2 km (that means 1.24 miles), directly behind a big railway bridge turn to your left into Richard-Wagner-Straße. Follow the road for approx. 2.5 km (that means 1.55 miles). Turn to your right in direction of Bechhofen / brown sign „Schlossberg-Höhlen“. Follow the signs to the „Schlossberg-Höhlen“. The hotel is located on the very top of the hill.

A6 Mannheim-Saarbrücken, Ausfahrt Waldmohr / Bruchhof

Direction Homburg, pass through the city of Bruchhof and follow the road. Turn to your left in direction „Schlossberg-Höhlen“ (brown sign). Follow the signs of the „Schlossberg-Höhlen“. The hotel is located on the very top of the hill.

Calcium Signaling: Molecular Mechanisms and Integrative Functions

27. and 28. Oktober 2011
Schlossberghotel, Homburg,
Germany