



SCS

Division of
Medicinal Chemistry**Division of Medicinal Chemistry****SCG**Schweizerische
Chemische
Gesellschaft**SSC**Soci t 
Suisse
de Chimie**SCS**Swiss
Chemical
Society

9. Swiss Course on Medicinal Chemistry in Leysin Switzerland, October 10-15, 2010

This exciting course focuses on concepts and tools of medicinal chemistry, science at the interface of synthetic chemistry, computational chemistry, biochemistry, pharmacology and toxicology, drug metabolism and disposition. As such, it primarily addresses medicinal chemists, synthetic chemists, biochemists and pharmacologists but interested parties from related fields are also welcome.

Modern preclinical drug research and development will be communicated by state-of-the-art lectures, interactive lectures, case studies and tutorials presented by experts from both academia and industry.

More information can be found on
<http://www.swiss-chem-soc.ch/smc/leysin/leysin.html>

Contact: Prof. Dr. Beat Ernst, University of Basel,
e-mail: beat.ernst@unibas.ch

Dr. Gerhard M ller, proteros fragments GmbH,
e-mail: mueller@proteros-fragments.com

University of Basel
Department of Chemistry
St. Johanns-Ring 19, Basel
Big Lecture Hall



SCS

Division of
Medicinal Chemistry

Thursday, 27 May 2010, 13:55 – 17:30
Invitation to the Minisymposium

Channels and Transporters

- 13:55 h Welcome
Hans Peter Märki, SCS Division of Medicinal Chemistry
- 14:00 h «Introduction and Basics of Channels and Transporters»
Beat Ernst, University of Basel
- 14:35 h «The Structural Basis for Ion Conduction and Gating
in Pentameric Ligand-Gated Ion Channels»
Raimund Dutzler, University of Zurich
- 15:15 h «Uptake and Efflux Transporters for Endogenous
Substances and for Drugs»
Dietrich Keppler, University of Heidelberg
-
- 16:00 h Coffee Break
-
- 16:30 h Case Study 1: «The Identification of T-Type Calcium
Channel Blockers»
Mark J. Suto, Icagen Inc., Durham NC (USA)
- 17:00 h Case Study 2: «AVOSENTAN»
Werner Neidhart, F. Hoffmann-La Roche Ltd, Basel
- 17:30 h Closing Remarks
Hans Peter Märki
-
- 17:30 h Apéro

Kindly sponsored by:



No Registration – Free Entrance

Contact: hans_p.maerki@roche.com
Map: [www.chemie.unibas.ch/visitors/
index.html](http://www.chemie.unibas.ch/visitors/index.html)

Publisher:
Swiss Chemical Society
Schwarztorstrasse 9
3007 Bern
www.scg.ch

