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## **Division of Medicinal Chemistry**



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

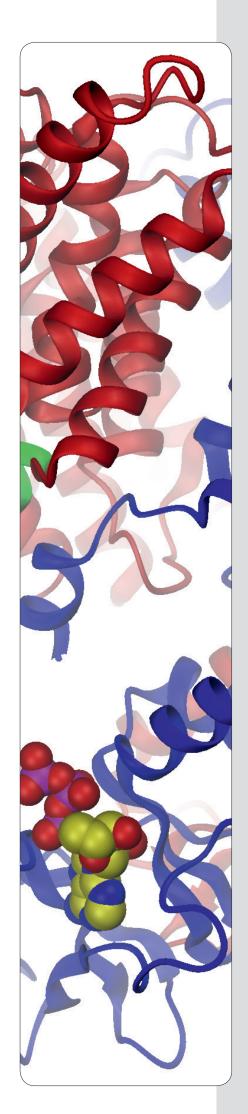
This exciting course focuses on concepts and tools of medicinal chemistry, science at the interface of synthetic chemistry, computational chemistry, biochemistry, pharmacology and toxicology, drug metabolism and disposition. As such, it primarily addresses medicinal chemists, synthetic chemists, biochemists 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 <a href="http://www.swiss-chem-soc.ch/smc/leysin/leysin.html">http://www.swiss-chem-soc.ch/smc/leysin/leysin.html</a>
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University of Basel Department of Chemistry St. Johanns-Ring 19, Basel Big Lecture Hall



➤ 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

## No Registration – Free Entrance

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