

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



SCS

Swiss Chemical
Society

**Division of
Medicinal Chemistry &
Chemical Biology**

Mini-Symposium

Thursday, May 22, 2014, 13.30h-17.45h

Kinetics and Thermodynamics in Drug Discovery

Program

- 13.30h Introduction
- 13.35h **Gerhard Klebe**, University of Marburg
Correlation of structure, thermodynamics and molecular dynamics to better understand drug binding
- 14.20h **David Swinney**, Institute for Rare and Neglected Diseases Drug Discovery
Application of binding kinetics to drug discovery
- 15.05h Coffee Break
- 15.30h **Göran Dahl**, AstraZeneca
Pharmacokinetics and the drug-target residence time concept
- 16.15h **David Sykes**, Novartis Institutes for Biomedical Research
Exploring the relationship between β_2 -adrenoceptor drug binding affinity/kinetic constants and physicochemical parameters
- 17.00h **Russel Petter**, Celgene
Design and optimization of targeted covalent inhibitors

No registration – free admission
www.scg.ch/dmccb-minisymposium

Kindly sponsored by



Published by:
Swiss Chemical Society
Schwarztorstrasse 9
CH-3007 Bern