

■ Sponsors

Stadt St.Gallen



Lonza



■ Organisation

Conference fee Participants from industry: CHF 400.-
Participants from university and research centres: CHF 200.-; including coffee, lunch and farewell aperitif.

Registration For registration please refer exclusively to www.empa.ch/biocatalysis

Deadline December 15, 2009; Every registration will be confirmed via email.

Cancellations Refunds will be made until December 15, 2009.
After December 15, only a replacement is accepted.

Contact Dr. Michael Richter
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michael.richter@empa.ch

Accommodation Participants are responsible for their accommodation.
For hotels see: www.hotel.ch
and www.st.gallen.ch/hotels/



Zentrum für Wissenstransfer

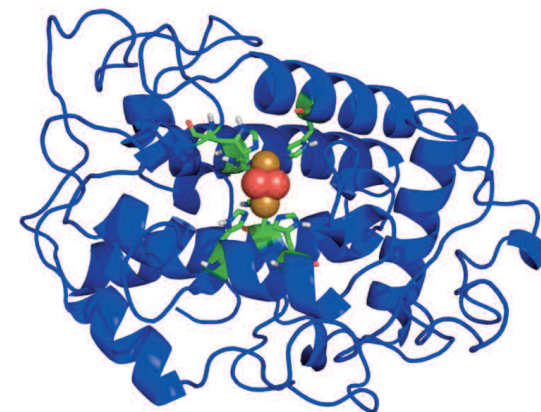


Technologiezentrum
an der Empa in St.Gallen

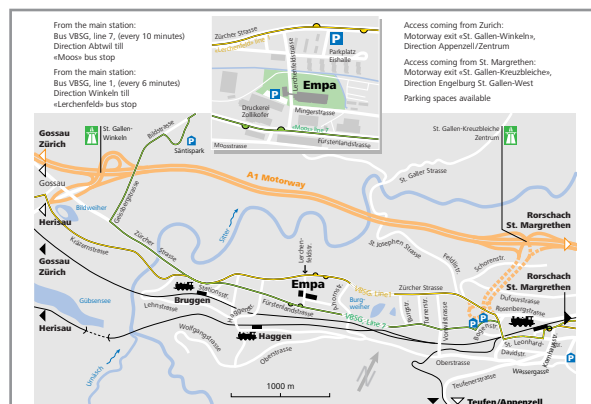
1 Day Symposium

Biocatalysis

St. Gallen



■ Directions Empa St.Gallen



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Empa, CH-9014 St.Gallen
Room C 3.11
Lerchenfeldstrasse 5

Thursday, January 28, 2010
09.00–17.00 h

Registration online at
www.empa.ch/biocatalysis

■ Aim

The aim of the 1 Day symposium on biocatalysis is to provide a platform for scientific knowledge transfer and dialog for participants from industry, academia and other independent research centres working in this continuously growing research field. Within an interdisciplinary and open atmosphere recent and challenging topics of biocatalysis shall be discussed. With an increasing interest in industrial biocatalysis processes, the meeting should stimulate cooperations and strong networking among the participants.

■ Scope

The symposium covers a wide range of topics related to applied biocatalysis, which reflects a research focus of Empa St. Gallen:

- C-C bond forming reactions
- Asymmetric C = C bond reduction
- Metalloenzymes
- Development of new biocatalysts
- Principles behind biocatalysis
- Applied biocatalysis in industry

■ Program

09.00–09.45	Registration / Coffee	15.30–16.00	Prof. Dr. Donald Hilvert; ETHZ, CH Computational and Evolutionary Approaches to New Enzymes
09.45–10.00	PD. Dr. Dr. h.c. Linda Thöny-Meyer Welcome and Aims of the Symposium	16.00–16.30	Prof. Dr. Bernhard Hauer; Stuttgart, D The Challenge of Designing New Biocatalysts
10.00–10.30	Prof. Dr. Nicholas Turner; Manchester, UK New Biocatalytic Technologies for the Synthesis of Chiral Amines	16.30–17.00	Dr. Oliver May; DSM Pharmaceutical Products, Geleen, NL Lessons Learned from more than 30 Years of Applied Biocatalysis
10.30–11.00	Prof. Dr. Kurt Faber; Graz, A Biocatalytic Asymmetric C = C-Bond Reduction	17.00	Farewell and aperitif
11.00–11.30	Prof. Dr. Martina Pohl; Jülich, D An Enzyme Toolbox for Carbologation		
11.30–12.00	Dr. Stephan Lütz; Novartis, Basel, CH Challenges and Opportunities for Biocata- lysis at the Industry / Academia-Interface		
12.00–13.00	Lunch		
13.00–13.30	Dr. Michael Richter; Empa, CH Overview Empa Activities in Biocatalysis		
13.30–14.00	Prof. Dr. Michael Müller; Freiburg i.Br., D Biocatalysis, Biosynthesis, Bioactivity: Variations on One Theme		
14.00–14.30	Dr. Karen Robins; Lonza, Visp, CH A Year in the Life of the Biotransformation Group of Lonza		
14.30–15.00	Prof. Dr. Thomas Ward; Basel, CH Artificial Metalloenzymes for Enantioselective Catalysis		
15.00–15.30	Coffee break		

