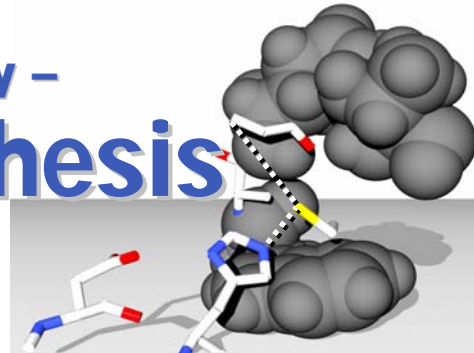




# Trends in Organic Chemistry – Enzymatic Synthesis



AlbaNova, Stockholm  
Monday 4 September 2006

## Programme (Oskar Klein Lecture Hall)

09.30 Coffee

10.00 **Welcome** *Symposium hosts: Per Berglund and Olof Ramström*

10.10 *Chairman: Jan-Erling Bäckvall*

**Manfred Reetz**, Max-Planck-Institut für Kohlenforschung, Mülheim an der Ruhr, Germany. *Directed evolution of enantioselective enzymes: A new approach to asymmetric catalysis*

11.00 *Chairman: Helena Grennberg*

**Lene Lange**, Novozymes A/S, Bagsvaerd, Denmark  
*Biocatalysis for sustainable solutions*

11.50 *Chairman: Ian Nicholls*

**Bernhard Hauer**, BASF AG, Ludwigshafen, Germany  
*Biocatalysis for the Preparation of Chiral Intermediates*

12.40 **Lunch and Poster session**

14.00 *Chairman: Mikael Elofsson*

**Chi-Huey Wong**, The Scripps Research Institute, La Jolla, CA, USA. *Using Enzymatic Synthesis to Tackle the Problem of Carbohydrate-Mediated Biological Recognition*

14.50 *Chairman: Patrick Adlercreutz*

**Jonathan S. Dordick**, Rensselaer Polytechnic Institute, Troy, NY, USA. *High-Throughput Biocatalysis for Drug Discovery and Human Toxicology*

15.40 **Coffee and Poster session**

16.20 *Chairman: Sophia Hober*

**Frances H. Arnold**, California Institute of Technology, Pasadena, CA, USA. *Evolution of cytochrome P450 for selective hydroxylation: from methane to human metabolites*

17.10 **Conclusions**