



1. IRTG Symposium

IRTG CCROS - IRTG-MS-NG

University of Freiburg

and

University of Münster

November 17th – 19th 2010

JugendGästehaus Aasee
Bismarckallee 31
48151 Münster

MITTWOCH

14:00 **Arrival and Welcome**

15:00 **Opening Address**

Session 1

Chair: Frank Sartorius

16:00 **Nina Blaas** University of Münster

Analytical strategy for the quantification of sphingolipids in breastmilk by LC-MS/MS

16:25 **Urs Gellrich** University of Freiburg

Mechanistic Studies of the Rhodium Catalyzed Hydroformylation of 1-Alkenes using the 6-DPPone Ligand

16:50 **Coffee Break**

Session 2

Chair: Christoph Grohmann

17:00 **Sylvia Kirchberg** University of Münster

Stereoselective Pd-Catalyzed Carboaminoxylations of Indoles and Indenes with Arylboronic Acids and TEMPO

17:45 **Dinner** at Gasthaus Leve (financial support from Hoffmann-La Roche)

Donnerstag

Session 3

Chair: Deniz Arican

09:15 **Adrian Schulte** University of Münster

Derivatives of N-Cyclohexenylproline: Towards Stereoselective Intramolecular Reactions

09:40 **Daniela Fuchs** University of Freiburg

Tandem Hydroformylation - Hydrogenation of 1-Alkenes

10:05 **Claudia Lohre** University of Münster

Design and application of N-Heterocyclic Carbenes (NHCs)

10:30 **Coffee Break**

Session 4

Chair: Sonja Kamptmann

11:00 **Dr. Robert Narquizian (Hoffmann-La Roche)**

Medicinal Chemistry - New methods for drug development

12:30 **Lunch Break**

Session 5

14:00 **Introduction: workshop task**

14:45 **Workshop (group work)**

15:30 **Coffee Break**

16:00 **Presentation of the workshop results**

16:30 **Break**

Session 6

Chair: Nina Blaas

16:40 **Jan Mehlich** University of Münster

Microcontact Printing - A Universal Tool

17:05 **Denis Petrović** University of Freiburg

*The Deslongchamps Reaction as an Access to
Dihydroagarofuran Sesquiterpenoids*

17:30 **Break**

Session 7

Chair: Daniela Fuchs

17:45 **Prof. Magnus Rueping** RWTH Aachen

title will be announced

18:30 **Dinner**

Freitag

Session 8

Chair: Kristine Müther

- 09:30** **Prof. Martin Oestreich** University of Münster
Catalysis with Extremely Potent Silicon Electrophiles
- 10:15** **Max Hofferberth** University of Freiburg
Total Synthesis of β -Lipomycin
- 10:40** **Coffee Break**
- 11:00** **Prof. Bernhard Wünsch** University of Münster
title will be announced
- 11:45** **Feedback – Closing Remarks**
- 12:30** **Lunch**