

# 6th Belgian Organic Synthesis Symposium (BOSS-6)

Gent, Belgium, 8-12 July 1996

## *Symposium Program*

Plenary lectures by the following distinguished scientists:

**Carreira E.M.** (*Pasadena, USA*)

**Curran D.P.** (*Pittsburgh, USA*)

**Hayashi T.** (*Kyoto, Japan*)

**Helmchen G.** (*Heidelberg, Germany*)

**Hoveyda A.M.** (*Boston, USA*)

**Kocienski P.** (*Southampton, UK*)

**Oppolzer W.** (*Genève, Switzerland*)

**Pattenden G.** (*Nottingham, UK*)

**Sauvage J.P.** (*Strasbourg, France*)

**Stork G.** (*New York, USA*)

**Tomalia D.A.** (*Michigan, USA*)

Presentation of the

## **ACROS AWARD in Organic Synthesis**

to **Dr. M.A. Gallop** (*Affymax Research Institute, Palo Alto, USA*),

who will deliver a course on the topic of combinatorial chemistry on Monday, 8 July

and the

## **Dr. PAUL JANSSEN PRIZE for Creativity in Organic Synthesis**

Poster Boards, Banquet, Excursion and Accompanying Persons Program

## *Information*

Prof. M. Vandewalle (Chairman), University of Gent, Department of Organic Chemistry,  
Krijgslaan 281 (S4), B-9000 Gent (Belgium), Tel. +32-9-264.44.60, Fax +32-9-264.49.98

Deadline for registration: 31 March 1996

## *Sponsored by*

Acros Organics (Belgium), Cerestar - Eridania Béghin-Say (Belgium),

DSM Research (The Netherlands), Janssen Pharmaceutica NV (Belgium),

Jeol (Europe) BV (Belgium), Monsanto Europe SA (Belgium), Schering AG (Germany),

The DuPont Merck Pharmaceutical Company (USA), VARIAN International AG (Switzerland)

**Second Swiss Course on Medicinal Chemistry  
6-11 October 1996, Leysin, Switzerland**

**organized by**

**the Section of Medicinal Chemistry of the  
New Swiss Chemical Society**

**SCOPE OF THE COURSE**

The course on medicinal chemistry offers to young scientists with a few years of experience in the pharmaceutical industry and interested Ph.D. students a broad overview of disciplines involved in modern preclinical drug research. Active participation by the participants in tutorials and the presentation of three case histories are important parts of the course.

**PROGRAMME**

**What is medicinal chemistry?**

**Molecular & Cell Biology**

*What are the targets for the medicinal chemist*  
*Introduction to molecular biology*  
*Integration of molecular biology with medicinal chemistry*  
*Introduction to molecular immunology*

**Lead Finding & Development**

*Lead discovery*  
*Introduction to combinatorial chemistry*  
*Developing a lead*  
*Patents and regulatory aspects*

**Pharmacodynamics**

*Principles of pharmacological assays*  
*Ion channels as drug targets*

**Pharmacokinetics, Toxicology & Drug Delivery**

*Introduction to pharmacokinetics*  
*Introduction to drug metabolism*  
*Introduction to molecular toxicology*  
*Formulation and drug delivery*

**Molecular Design & Lead Optimization**

*Physicochemical concepts and drug absorption*  
*Molecular modeling*  
*Computer-assisted lead optimization*

**Case Histories**

*Development of aromatase inhibitors*  
*The story of LESCOL*  
*Development of INVIRASE*

**ORGANIZATION**

Prof. Gerd Folkers (ETHZ, chairman), Dr. H. van de Waterbeemd (Roche, vice-chairman), Dr. W. Froestl (Ciba), Dr. R. Jakob-Roetne (Roche), Dr. D. Rognan (ETHZ), Prof. B. Testa (Uni. Lausanne), Dr. R. Wenger (Sandoz).

**WORLD WIDE WEB**

A description of the course including programme, location, accommodation facilities and registration form can be found at the following URL: <http://www.pharma.ethz.ch/leysin>

**PRACTICAL INFORMATION**

The course will be held at the Classic Hotel in Leysin, Switzerland. The individual fee of SFr 2500,- includes hotel accommodation with breakfast, course documentation, coffee breaks, lunches and dinner. Students pay a special price of only SFr 250,- (please include justification to your registration). The registration form should be returned before the end of April 1996. The course is limited to about 60 participants. Late registrations after May 1st 1996 will require 10% additional fee.

**CONTACT**

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