

Register by May 23 and Save up to \$200!



Cambridge Healthtech Institute's Eighth Annual

# Structure-Based Drug Design

June 25-27, 2008 • World Trade Center • Boston, Massachusetts

- ✓ **STRUCTURE-BASED MODELING OF GPCRs**
- ✓ **DETERMINATION OF PROTEIN-PROTEIN INTERACTIONS SITES**
- ✓ **COMPUTATIONAL-BASED PROTEIN DESIGN**
- ✓ **HIT AND LEAD OPTIMIZATION**
- ✓ **ACCOUNTING FOR RECEPTOR FLEXIBILITY IN LIGAND BINDING**
- ✓ **CHALLENGES OF DOCKING AND SCREENING**
- ✓ **EXPERIMENTAL APPROACHES**
- ✓ **CASE STUDIES**

## Presentations By:

AILERON Therapeutics	Elan Pharmaceuticals	Novartis
ARIAD Pharmaceuticals Inc.	Harvard Medical School	OSI Pharmaceuticals
AstraZeneca R&D Mölndal	Locus Pharmaceuticals	Pfizer Global Research and Development
Bristol-Myers Squibb	Lundbeck Research (Denmark)	Schrödinger, Inc.
California Institute of Technology	Merck Research Laboratories	SGX Pharmaceuticals
Centocor Research and Development	National Center for Scientific Research (CNRS)	SimBioSys
Chemical Computing Group Inc.	NIH, NIDDK	University of York
		Vernalis

**Don't Miss**

Pre-Conference Short Course: June 25<sup>th</sup>  
**Designing Kinase Inhibitors**

**Mention Ad Key code G23 and Save an Additional \$100!**

**Premier Sponsor:**



**Executive Sponsor:** **SCHRÖDINGER**

**Corporate Sponsors:**



**Sponsoring Society:**



Image Courtesy of: ARIAD Pharmaceuticals and University of Basel/Biophysics Laboratory 3R



Cambridge Healthtech Institute  
250 First Avenue, Suite 300, Needham, Massachusetts 02494  
T: 781-972-5400 or Toll-free in the U.S. 888-999-6288 • F: 781-972-5425

[www.healthtech.com/sbd/overview.aspx](http://www.healthtech.com/sbd/overview.aspx)



# 2<sup>ND</sup> EUCHEMS CHEMISTRY CONGRESS

2008 SEPTEMBER 16 - 20  
TORINO, ITALY

## CHEMISTRY: THE GLOBAL SCIENCE

### PLENARY LECTURES BY

**Peter AGRE** (Baltimore, USA)  
**Avelino CORMA** (Valencia, Spain)  
**Jean M.J. FRÉCHET** (Berkeley, USA)  
**Robert H. GRUBBS** (Pasadena, USA)  
**Kyriacos C. NICOLAOU** (La Jolla, USA)  
**Martyn POLIAKOFF** (Nottingham, UK)  
**K. Barry SHARPLESS** (La Jolla, USA)

### KEYNOTE LECTURES BY

**Varinder AGGARWAL** (Bristol, UK)  
**Lucia BANCI** (Florence, IT)  
**Matthias BELLER** (Rostock, DE)  
**Richard CATLOW** (London, UK)  
**Ken CAULTON** (Bloomington, USA)  
**Fritz FRIMMEL** (Karlsruhe, DE)  
**Dante GATTESCHI** (Florence, IT)  
**Jana HAJŠLOVA** (Prague, CZ)  
**Dino MORAS** (Illkirch, FR)  
**Ulrich STIMMING** (Munich, DE)  
**Philip TAYLOR** (Geel, BE)  
**Jun-ichi YOSHIDA** (Kyoto, JP)

### SCIENTIFIC COMMITTEE

*Chair* **Hartmut MICHEL** (DE)  
*Co-chair* **Igor TKATCHENKO** (FR)

### ORGANISING COMMITTEE

*Chair* **Giovanni NATILE** (IT)  
*Co-chair* **Francesco DE ANGELIS** (IT)

### LOCAL ORGANISING COMMITTEE

*Chair* **Lorenza OPERTI** (IT)  
*Co-chair* **Salvatore COLUCCIA** (IT)

Special topic symposia:

### ADVANCES IN SYNTHESIS

- Organic Catalysis
- Radical Reactivity in Transition Metal Chemistry
- Reactions under Novel Conditions

### ADVANCES IN UNDERSTANDING

- Chemical Measurement Quality: Societal Impact
- Cutting Edge Chemistry with Computers
- Food Analysis: Pushing Detection Limits down to Nothing

### CHEMISTRY AND LIFE SCIENCES

- Biomolecular Interactions and Mechanisms
- Drug Targeting and Delivery
- Metal Homeostasis

### ENERGY AND INDUSTRY

- Biorefineries and Biotechnologies
- Energy Production & Storage
- New Trends for Agrochemicals

### ENVIRONMENT

- Greening Chemistry
- Greenhouse Gases
- Water Pollutants

### MATERIALS AND DEVICES

- Branched Polymers - Smart Functional Materials
- Nanomaterials
- Porous Materials

### cci ORGANISING SECRETARIAT

Centro Congressi Internazionale s.r.l. - Corso Bramante 58/9 10126 Torino - I  
tel +39 011.2446911 fax +39 011.2446900/44 - info@euchems-torino2008.it

[www.euchems-torino2008.it](http://www.euchems-torino2008.it)

\*EuCheMS, the European Association for Chemical and Molecular Sciences incorporates  
50 member societies which in total represent some  
150.000 individual chemists in academia, industry and government in over  
35 countries across Europe.

