

# 22nd International Symposium on Chirality (ISCD-22)

# Chirality 2010

## Sapporo, JAPAN

### Schedule

**Pre-symposium** July 11–12, 2010  
(Molecular Chirality 2010 – Chair: Toyoji Kakuchi)  
**Symposium** July 12–15, 2010

### Plenary Speakers

**Andrew D. Hamilton** (Oxford University, UK)  
**Roeland J. M. Nolte** (Radboud University, The Netherlands)  
**Masakatsu Shibasaki** (The University of Tokyo, Japan)

### The 2010 Chirality Medal Award

#### Kenji Mori

(Professor Emeritus of the University of Tokyo, Japan)



Kenji Mori, Professor Emeritus of the University of Tokyo, Japan, has won the 2010 Chirality Medal, in a stiff competition between a large field of excellent candidates. Professor Mori receives the honor for his tremendous achievements in the synthesis and stereochemistry of natural products, in particular, the developments of enantioselective and enantiospecific synthesis of a large family of insect pheromones and other bioactive natural compounds.

### Invited Speakers (Molecular Chirality 2010)

**Toshiki Aoki** (Niigata University, Japan)  
**Vadim A. Davankov** (Russian Academy of Sciences, Russia)  
**Jun Haginaka** (Mukogawa Women's University, Japan)  
**Shunichi Hashimoto** (Hokkaido University, Japan)  
**Rong-Ming Ho** (National Tsing Hua University, Taiwan)  
**Wolfgang Lindner** (University of Vienna, Austria)  
**Mikiji Miyata** (Osaka University, Japan)  
**Claudio Villani** (Universita' degli Studi di Roma "La Sapienza", Italy)  
**Afang Zhang** (Shanghai University, China)

### Keynote Speakers

**Takuzo Aida** (Japan), **Daniel W. Armstrong** (USA)  
**Nina D. Berova** (USA), **John Caldwell** (UK)  
**Albert S. C. Chan** (China), **Jan H. van Esch** (The Netherlands)  
**Eric Francotte** (Switzerland), **Joseph Gal** (USA)  
**Robert Glaser** (Israel), **Ivan Huc** (France)  
**Myung Ho Hyun** (Korea), **Bernard Kaptein** (The Netherlands)  
**Takeo Kawabata** (Japan), **Reiko Kuroda** (Japan)  
**Jerome Lacour** (Switzerland), **Myongsoo Lee** (Korea)  
**Shizuo Narimatsu** (Japan), **Takeshi Ohkuma** (Japan)  
**Koji Otsuka** (Japan), **Anja R. A. Palmans** (The Netherlands)  
**Roberto Purrello** (Italy), **Kenichi Sakai** (Japan)  
**Daniel Seidel** (USA), **Kenso Soai** (Japan)  
**Toshikazu Takata** (Japan), **Xinhua Wan** (China)  
**Christopher J. Welch** (USA), **Toru Yamano** (Japan)

### Scientific Program

Pre-symposium  
Chirality Medal Award  
Reception  
Plenary and Keynote lectures  
Oral and poster presentations  
Vendor seminars and exposition  
Banquet dinner  
Poster presentation award

### Topics

Fundamental aspect of molecular chirality  
Asymmetric synthesis & catalysis  
Supramolecular chirality  
New chiral selectors and sensors  
Chirality and biology  
Chirality and pharmaceutical sciences  
Chiral pharmacokinetics and pharmacodynamics  
Chiroptical spectroscopy  
Enantioseparation by LC, CE, GC and SFC (analytical & preparative)  
Enantioseparation by biocatalysis  
Enantioseparation through crystallization  
Chiral green chemistry in asymmetric synthesis and enantioseparation  
Chiral polymers  
Chirality of pharmaceutical chemicals  
Chirality of environmental chemicals  
Chirality of foods and perfumes

### Contact

#### Chair: Eiji Yashima

Department of Molecular Design and Engineering  
Graduate School of Engineering  
Nagoya University  
Chikusa-ku, Nagoya 464-8603, Japan

Fax : +81-52-789-3185  
E-mail : chirality2010@helix.mol.nagoya-u.ac.jp

### Venue

**Sapporo Convention Center**  
(<http://www.sora-scc.jp/english.php>)



助成 独立行政法人日本万国博覧会記念機構  
Supported by the Commemorative Organization for the Japan World Exposition('70).



<http://helix.mol.nagoya-u.ac.jp/chirality2010/>