

Ninth Conference on Combinatorial Chemistry, Japan

November 10-11, 1999

KSP Hall, Kawasaki, Kanagawa, Japan

Sponsored by:

The Japan Combinatorial Chemistry Focus Group

Supported by:

The Kinki Chemical Society, Japan

The Chemical Society of Japan

The Pharmaceutical Society of Japan

[Wednesday, November 10]

- 10:00-10:10 [Opening remark] (JCCF) Takashi Takahashi
- 10:10-10:55 IL-1 Strategies for the Synthesis and Characterization of Hundreds to Thousands of Discretes
(Glaxo Wellcome Inc.) Samuel W. Gerritz
- 10:55-11:20 O-1 Synthesis of Arginin Vasopressin Antagonist using Combinatorial Chemistry Technology
(Yamanouchi Pharm. Co.) Hiroyoshi Yamada,* Yoshiaki Shimada, Akihiro Tanaka
- 11:20-12:05 IL-2 Efficient Parallel Synthesis for General Screening Libraries
(Axys Advanced Technologies) Barry A. Bunin
- 12:05-14:00 [LUNCH / EXHIBITION]
- 14:00-14:25 O-2 The Synthesis of Peptide Mimetics: A Library of Serine Protease Inhibitor
(Tokyo Inst. Tech.) Takashi Takahashi, Nobuhiro Fuchi,* Takayuki Doi
(Molecumetics) Michael Kahn
- 14:25-14:50 O-3 Efficient Strategies towards High Quality Compound Libraries and their Impact in Lead
Discovery- and Optimization
(Polyphor AG) Daniel Obrecht,* Christine Abrecht, B. Dhanapal, P. Ermert, J.-P. Obrecht,
K. Sekanina
- 14:50-15:15 IL-3 A Combinatorial Library Going Towards Discovery of MMP Inhibitor
(Shanghai Institute of Materia Medica) Xin Li, Xin Wang, Xiao-Ming Yan, Da-Zhong Fan,
Ding-Yu Hu and Jing-Kang Shen*
- 15:15-15:25 [Refresh time]
- 15:25-15:50 O-4 Organic Synthesis Based on Affinity Separation
(Osaka Univ.) Koichi Fukase*, San-qi Zhang, Shoichi Kusumoto
- 15:50-16:50 IL-4 Recyclable Polymer Supported Chiral Auxiliaries
(Univ. of Oxford) Stephen G. Davies
- 17:00- [Mixer]

[Thursday, November 11]

- 09:30-10:15 IL-5 The Important of New Technology in Accelerating Drug Discovery: Automation, Informatic and Parallel Synthesis
(Cambridge Discovery Chemistry Ltd.) David J. Tapolczay
- 10:15-10:40 O-5 Automated Exact Mass Measurement of Combinatorial Libraries by ESI-TOF-MS
(JASCO International Co.) Hideto Kakimi,* Sanae Furusho
- 10:40-11:05 O-6 Identification and Optimization of Drug-Like Leads
(Tripos, Inc.) Edward E. Hodgkin,* M. A., D. Phil
- 11:05-11:50 IL-6 Novel Approach to the Development of Drugs that Target Transcription Factors
(Tokyo Inst. Tech.) Hiroshi Handa
- 11:50-14:00 [LUNCH / EXHIBITION]
- 14:00-14:25 O-7 Using Chem-X to Design Combinatorial Libraries
(Oxford Molecular Group Inc.) Stephen J. Cato
- 14:25-14:50 O-8 Managing the Workflow of a High-Throughput Organic Synthesis Laboratory: A Marriage of Automation and Information Management Technologies
(Molecumetics) Burton A. Goodman
- 14:50-15:15 O-9 Click Chemistry: Process Driven Drug Discovery
(Coelacanth Co.) Hartmuth C. Kolb,* K. Barry Sharpless
- 15:15-16:00 IL-7 Palladium Catalysis in Water: A Combinatorial Approach to Water-Based Catalytic Asymmetric Reactions
(Nagoya City Univ.) Yasuhiro Uozumi
- 16:00- [Closing remark]
(JCCF) Koichi Fukase