

Stork Symposium on Organic Synthesis

Saturday, October 15, 2005

Tokyo Institute of Technology, Ookayama-campus,
West 9 building, Digital Multi-Purpose Hall

Organized by Professor Keisuke Suzuki and Professor Takashi Takahashi

Program

13:30 **Opening Remark**

13:40 - 13:55 **Ken Ohmori** (Department of Chemistry, Tokyo Institute of Technology)

Controlled Formation of Oligocatechins Based on the Flavonoid–Sugar Analogy

13:55 - 14:10 **Mitsuru Shoji** (Department of Industrial Chemistry, Faculty of Engineering, Tokyo University of Science) The Total Synthesis of Epoxyquinol s A, B, and C, and Epoxytwinol A, via Biomimetic Oxidative Dimerization

14:10-14:25 **Masato Ito** (Department of Applied Chemistry, Tokyo Institute of Technology)

Design of Bifunctional Cp**Ru* Catalysts for Asymmetric Synthesis

14:25-14:40 **Kei Manabe** (RIKEN)

Repetitive Method for Oligoarene Synthesis

Break

15:00-15:15 **Jun Takaya** (Department of Chemistry, Tokyo Institute of Technology)

Transition Metal-Containing Ylide Strategy for Facile Construction of Polycyclic Indole Skeletons

15:15-15:30 **Hiroshi Tanaka** (Department of Applied Chemistry, Graduate School of Science and Engineering, Tokyo Institute of Technology) The Stereoselective Synthesis of γ -*N*-Glycosyl Asparagines by *N*-Glycosylation of Primary Amide Groups.

15:30-15:45 **Hisanaka Ito** (School of Life Science, Tokyo University of Pharmacy and Life Science) Enantioselective Total Synthesis of Tricycloclavulone

15:45-16:00 **Satoshi Sakamoto** (Graduate School of Bioscience and Biotechnology, Tokyo Institute of Technology) Total Syntheses of Highly Complex Marine Natural Products: Formal Total Synthesis of Pinnatoxin A and Toward a Gram-scale Synthesis of Spongistatin 1/Altohyrtin A

Break

16:20-16:35 **Takayuki Doi** (Department of Applied Chemistry, Tokyo Institute of Technology)

A Total Synthesis of (\pm)-Baccatin III

16:35-16:50 **Hidetoshi Tokuyama** (Graduate School of Pharmaceutical Sciences, University of Tokyo) Synthetic Studies on Haplophytine

16:50 **Closing Remark**

Attendance Fee: Free

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