



THE GCOE INTERNATIONAL SEMINAR ON BIOTECHNOLOGY AND MACROMOLECULAR CHEMISTRY

Date: 13:00 – 18:00, July 7, 2008

Place: Graduate School of Engineering, Hokkaido University (MC526)

Program

13:00 – 13:05

Opening remarks

13:05 – 13:50 (Lecture 1)

Living Stars. Valuable Precursors for Well-Defined LDPE

Professor Nikos HADJICHRISTIDIS, University of Athens

13:50 – 14:15 (Lecture 2)

Enzymatic Synthesis of Polyhydroxyalkanoate with Coenzyme Recycling Ssystem

Dr. Yasuharu SATOH, Hokkaido University

14:15 – 14:40 (Lecture 3)

Development of Microchip Liquid Chromatography System with Integrated Injector, Column, and Electrochemical Detector for Bioanalysis

Dr. Akihiko ISHIDA, Hokkaido University

14:40 – 15:25 (Lecture 4)

Synthesis, Structure, and Properties of π -Stacked Polymers

Professor Tamaki NAKANO, Hokkaido University

15:25 – 15:40

Coffee break

15:40 – 16:25 (Lecture 5)

Precise Synthesis and Characterization of Well-Defined Dendritic Hyperbranched Polymers and Block Copolymers

Professor Akira HIRAO, Tokyo Institute of Technology

16:25 – 16:50 (Lecture 6)

The engineering of polyhydroxyalkanoate (PHA) synthase and application for *in planta* PHA production

Dr. Ken'ichiro MATSUMOTO, Hokkaido University

16:50 – 17:15 (Lecture 7)

Thiol-ene Click Coupling for Robust and Efficient Polymer Modification

Dr. Ryosuke SAKAI, Hokkaido University

17:15 – 18:00 (Lecture 8)

Peptide-Chitosan Membrane: a New Biomedical Material

Professor Motoyoshi NOMIZU, Tokyo University of Pharmacy and Life Sciences

Contact Information: Professor Toyoji Kakuchi

Phone: 011-706-6602

E-mail: kakuchi@poly-bm.eng.hokudai.ac.jp