

Workshop on Chirality in Chiba University

3rd Symposium

March 10, 2015

Graduate School of Sci. and Tech. Building I, Lecture Hall (1st Floor)
Chiba University (Nishi-Chiba Campus)

13:10–13:50 **Lecture I**

Prof. Toru ASAHI (Waseda University)

Chiroptical Study on Thalidomide

13:50–14:10 **Report I**

Prof. Shigeo KOHMOTO (Chiba University)

Creation of Zigzag Architectures in Crystal Engineering

14:20–15:00 **Lecture II**

Prof. Ken-ichi TAKAO (Keio University)

Total Syntheses of (+)-Clavilactone A and (+)-Vibsanin A

15:00–15:20 **Report II**

Prof. Shinji HARADA (Chiba University)

Chiral Holmium Complex-Catalyzed Diels-Alder Reaction of Siloxyvinylindole:
Stereoselective Synthesis of Hydrocarbazoles

and Its Application to the Total Synthesis of Natural Product

Short Presentation

15:20–15:30 **Mr. Mitsuaki YAMAUCHI** (Chiba University)

Evolution of Cooperative Self-Assembly Pathway
in Hydrogen-Bonded Cyclic Hexamers

15:30–15:40 **Mr. Toru SATO** (Chiba University)

Development of a Tailor-made Bis(oxazolidine)pyridine–metal Catalyst

15:40–15:50 **Mr. Tatsuro YONEYAMA** (Chiba University)

Isolation of Hedgehog Inhibitors from *Themeda Arguens* and *Withania Somnifera*

16:00–16:40 **Lecture III**

Prof. Yoshihiro SOHTOME (RIKEN)

Exploring Chemical Strategies to Control Chiral Environments Constructed by
Molecular Catalysts and Enzymes

16:40–17:00 **Report III**

Prof. Kuniko AKAMA (Chiba University)

Characteristic Roles of Thioredoxin-Like a, a', and b Domains of Protein Disulfide
Isomerase P5 and Its Molecular Function

17:00–17:40 **Lecture IV**

Prof. Ilya GRIDNEV (Tohoku University)

Mechanism of Asymmetric Amplification and Absolute Asymmetric Synthesis

Mixer 18:00 – (千葉大学レストラン コルザ)

Symposium: **Free**, Mixer: 3,000 YEN (Students: 1,000 YEN)

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