

# 生体分子をモチーフとした機能性分子・材料の創製と応用

## *Synthesis and Applications of Functional Molecules and Materials Utilizing Biomolecules as a Motif*

Date: September 30, 2014 12:50~18:50  
Venue: Catalytic Research Center, Hokkaido University, Japan  
Seminar Rooms B and C (Sousei Building 4th Floor): Registration and Oral Presentations  
Science Plaza (Sousei Building 2nd Floor): Poster Presentations and Banquet  
Abstract Submission Deadline: July 18th (poster presentation only)  
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- 12:00 Registration Open
- 12:50 Opening Remark
- 12:55~13:35 **Prof. Wanpen Tachaboonyakiat** (Chulalongkorn Univ., Thailand)  
Invited Lecture  
「Preparation of Antibacterial Chitin Betainate Wound Dressings」
- 13:35~14:15 **Prof. Takeshi Serizawa** (Tokyo Tech., Japan)  
Invited Lecture  
「Peptide Motifs for Polymer-Surface Engineering」
- 14:15~15:15 **Prof. Atsushi Fukuoka** (CRC, Hokkaido Univ., Japan)  
Plenary Lecture  
「Biomass Conversion by Heterogeneous Catalysts」
- 15:15~15:30 Coffee Break
- 15:30~16:10 **Prof. Martin James Lear** (Tohoku Univ., Japan)  
Invited Lecture  
「Total Synthesis and Biomimetic Studies of Nine-Membered Eneidyne」
- 16:10~16:50 **Prof. Kenji Monde** (Hokkaido Univ., Japan)  
Invited Lecture  
「Analysis and Applications of Chiral Biomolecules by Vibrational Circular Dichroism」
- 16:50~17:50 **Prof. Toshikazu Takata** (Tokyo Tech., Japan)  
Plenary Lecture  
「Macrocyclic Catalyst for Highly Efficient Hydroamination via Cavity-Threading of Substrate as The Key Process」
- 17:50~18:50 **Poster Session**
- 18:50~ Banquet

Creation  
of New  
Materials,  
Systems

Production  
of Useful  
Molecules

Biomolecules

Total  
Synthesis

Analysis