

日本薬学会 第137年会(仙台)

PSJ-AAPS Joint Symposium

Creation of Complex Functional Molecules by Rational Redesign of Biosynthetic Machineries

March 26th Sun, 9:00~11:30 (OS23)

Organizer: Ikuro Abe (Univ Tokyo)

Speakers

Yi Tang (UCLA): Complexity Generation in Fungal Natural Product Biosynthesis

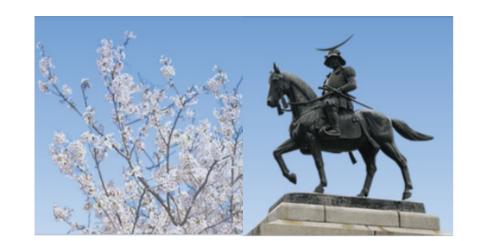
- New Enzymatic Reactions

阿部 郁朗(東大): Redesigning Complex Natural Products Biosynthesis

Sheryl Tsai (UC Irvine): The creation of new functional molecules by rational design at

protein-protein interface of fatty acid synthase and polyketide synthase

斉藤 和季(理研、千葉大): Phytochemical genomics: A basis for redesign of plant natural products biosynthesis



3月26日(日) 9:00~11:30

J 会場 仙台国際センター 「展示棟」 1F 会議室 1

国際交流シンポジウム OS23

- ■生物合成系の再設計による複雑骨格機能分子の革新的創成科学
- Creation of Complex Functional Molecules by Rational Redesign of Biosynthetic Machineries

オーガナイザー:阿部 郁朗

OS23-1 9:00 ~ 9:40	Complexity Generation in Fungal Natural Product Biosynthesis - New Enzymatic Reactions Yi TANG (Department of Chemical and Biomolecular Engineering and Department of Chemistry and Biochemistry, University of California, Los Angeles)
OS23-2 9:40 ~ 10:15	Redesigning Complex Natural Products Biosynthesis 阿部 郁朗 (東大院薬)
OS23-3 10:15 ~ 10:55	The Creation of New Functional Molecules by Rational Design at Protein-Protein Interface of Fatty Acid Synthase and Polyketide Synthase
	Shiou-Chuan (Sheryl) TSAI (Departments of Chemistry, Molecular Biology and Biochemistry, and Pharmaceutical Sciences, University of California, Irvine)
OS23-4 10:55 ~ 11:30	Phytochemical Genomics: A Basis for Redesign of Plant Natural Products Biosynthesis 齊藤 和季 (千葉大・院薬 / 理研・環境資源研究セ)