

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

齊藤 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

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| 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) |