

The 9th OCARINA International Symposium

Joint mini-symposiums on Structural Biology and Catalysis



March 6th ~ 7th, 2018 (9:30-18:00)

At 10th Floor, OCU Media Center

Registration for Poster Session Available,

Visit: <http://www.ocarina.osaka-cu.ac.jp/>

Poster Session

6th 14:50-16:20 Poster Short Oral Presentation

16:30-17:10 Poster Viewing 1 (odd number)

17:20-18:00 Poster Viewing 2 (even number)

7th 18:30- Awarding ceremony for poster prize

Poster Session
Open to Students

Send Abstract
until 9th Feb.

Special Lectures

March 7th, Wed.

Mini-Symposium on Structural Biology: 7th 10:00~12:40



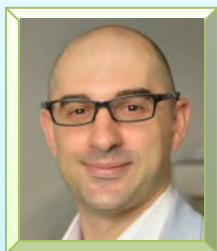
Special Lecture 1 (Chair: Ritsuko FUJII)

Dr. Pu QIAN (The University of Sheffield, UK)

Cryo-EM structure of the Blastochloris viridis RC-LH1

complex at 2.87 Å (クライオ電子顕微鏡法により分解能2.87 Åで得られた紅色光合成細菌のRC-LH1複合体の構造)

Mini-Symposium on Catalysis: 7th 16:00~18:00



Special Lecture 2 (Chair: Tetsuya SATOH)

Dr. Laurean ILIES (The University of Tokyo, Japan)

C-H Activation Catalyzed by Earth Abundant Metals

(地球上に豊富に存在する鉄を触媒として用いるC-H活性化)

Special Lecture 3 (Chair: Yusuke YAMADA)

Dr. Xing Yi LING (Nanyang Technological University, Singapore)

Exploiting the Nanoscale Interface at Metal Nanoparticle and Metal-Organic Framework for Catalysis and Sensing Applications

(金属ナノ粒子と金属有機構造体におけるナノスケールインターフェースの触媒およびセンシングへの応用)

Sponsored by: The OCU Advanced Research Institute for Natural Science and Technology (OCARINA), and the OCU Professional Development Program

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Joint mini-symposiums on Structural Biology and Catalysis

For detail, visit: <http://www.ocarina.osaka-cu.ac.jp/>
Invited Lectures

March 6th, Tue.

in: Session 2 “Frontier Bio-Medical Engineering“ (10:10-11:20)



Invited Lecture 1 (Chair: Souichi SAEKI) [in Japanese]

Katsura SUGAWARA (Japan Tissue Engineering Co. Ltd.)

Research, development and commercialization of an autologous cultured cartilage, JACC (自家培養軟骨ジャックの開発と製品化)

in: Session 3 “Optical Control of Nano-Material“ (11:30-12:40)



Invited Lecture 2 (Chair: Yasuyuki TSUBOI) [in Japanese]

Mitsuhiro TERAOKAWA (Keio Univ.)

Fabrication of microstructures composed of metal and soft material by using femtosecond laser (フェムト秒レーザーによる金属とソフトマテリアルの複合微細構造の作製)

March 7th, Wed.

in: Mini Symposium on Structural Biology

~Photosynthesis and Artificial Photosynthesis~ (10:00-12:40)



Invited Lecture 3 (Chair: Keisuke KAWAKAMI) [in Japanese]

Tasuku HAMAGUCHI (RIKEN SPring-8)

Visualization and structures of membrane proteins by cryo-electron microscopy (クライオ電子顕微鏡法による膜タンパク質の構造)



Invited Lecture 4 (Chair: Keisuke KAWAKAMI) [in English]

Sin-ichiro OZAWA (Okayama University)

Configuration of antenna subunits in photosystem I complex (光化学系I複合体におけるアンテナサブユニットの配置)

in: Session 5: Frontier Biology (13:40-14:40)



Invited Lecture 5 (Chair: Akihisa TERAOKITA) [in English]

Masahiro UEDA (Osaka Univ.)

Automated single-molecule imaging analysis of cell signaling (細胞内シグナル伝達の自動1分子イメージング解析)