**The 9th OCARINA International Symposium**

**Joint mini-symposiums on Structural Biology and Catalysis**

At 10th Floor, Media Center, Osaka City University, Osaka, Japan

March 6th-7th, 2018

**List of Poster Presentations**

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| P1 | Kambayashi, Junji | Au-nanoparticle-embedded polymer films synthesized on HAuCl4/gelatin aqueous solution irradiated with Ar DBD plasma |
| P2 | Yamane, Shintaro | Iridium-Catalyzed Aerobic Dehydrogenative/Decarbonylative Coupling of Salicylaldehydes with Alkynes |
| P3 | Morimoto, Kohei | Photoswiching of Birefringence of Diarylethene Single Crystals by Photochromic Reaction |
| P4 | Nishimura, Tomomasa | Development of Covariance Mapping Method for the Investigation of Coulomb Explosion Processes |
| P5 | Horikawa, Yuki | Synthesis of Single-Nano-Sized Iron Nanoparticles from Liquid/Liquid Dispersion System by Femtosecond Laser Irradiation |
| P6 | Sawai, Akira | Stereoselective Synthesis of the Tripeptide of SF-2132 |
| P7 | Shimozato, Kazufumi | Annealing temperature dependency of directly-bonded SiC/Si junction characteristics |
| P8 | Hirano, Makoto | Light-induced hydrogen production by photosystem I-Pt nanoparticle immobilized in porous glass plate nanopores |
| P9 | Sakai, Asumi | Dehydrogenative Coupling of Aromatic Carboxylic Acids and Unsaturated Compounds under Rhodium Catalysis |
| P10 | Yamada, Kiyomi | Synthesis, Properties, and Reactivities of (Nitronyl Nitroxide-2-ide)Copper Complex Bearing Phenanthroline ligand |
| P11 | Fuku, Kazuma | Stereoselective Syntheses of β-Hydroxy Amino Acids by Isonitrile Aldol Reaction |
| P12 | Toriyama, Yohei | One-pot Synthesis of Anthraquinones by Sc(OTf)3-catalyzed Tandem Reaction |
| P13 | Sekihara, Ai | Total Synthesis of SF-2132 |
| P14 | Kitashoji, Akihiro | Long-lived Molecular Tetracations of Fluorine-containing Aromatic Compounds |
| P15 | Karita, Yuma | Synthetic Study of Phomopsin A |
| P16 | Terashima, Chihiro | Hydrolysis of Organophosphates Catalyzed by Plussian Blue Analogs |
| P17 | Sakai, Kenta | Synthetic Study of Deoxyustiloxin D |
| P18 | Hamamoto, Yuki | Improvement of water permeability of a bone-regeneration scaffold by irradiating atmospheric pressure plasma jet |
| P19 | Matsumoto, Yuji | Characterization of damages in n-Si due to irradiation of Ar fast atom beams |
| P20 | Shimode, Kento | Synthesis of Soluble Bis(trioxytriphenylamine) Derivatives |
| P21 | Zhang, Bowen | Identification of *S. pombe* genes involved in spore maturation |
| P22 | Omura, Yuta | The Short Step Synthesis and Properties of Triazapyrene Derivatives |
| P23 | Katagiri, Takayuki | Visible light-driven carbon-carbon bond formation from CO2 as a feedstock with the system containing malic enzyme and dye |
| P24 | Nishimura, Tomoaki | Allosteric effect of a zinc porphyrin receptor with sterically bulky shielding unit |
| P25 | Hishida, Takashi | Fabrication of semiconductor/patterned metal layer junctions |
| ~~P26~~ | ~~Kakiya, Makomo~~ | ~~Analysis of neural connection between pineal organ and some brain regions in zebrafish~~ (Cancelled) |
| P27 | Kato, Yuma | Photocatalytic activity of gallium oxynitride for H2 evolution under visible light irradiation |
| P28 | Sugihara, Tomohiro | Estimating spectral sensitivities of various opsins based on biochemical responses of cultured cells expressing opsins |
| P29 | Shen, Baoguo | Contribution of parapinopsin “bistability” to light-responses in the zebrafish pineal organs |
| P30 | Nakagawa, Reiya | Effects of micro-bubble assistance on the performance of 3D integrated micro solution plasma |
| P31 | Ozawa, Akiyo | Effect of nitrogen codoping on strontium doped NaTaO3 |
| P32 | Kawaguchi, Yu | Effects of Ga2O3 structure on the CO2 reduction with water over Ga2O3 photocatalyst |
| P33 | Okamoto, Chisato | The Allosteric Receptor Containing a Zn-porphyrin and a Recognition Site for a Photo-responsive Stimulus Molecule |
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| P35 | Ishibashi, Tomoya | Selective formate reduction catalyzed with aldehyde dehydrogenase using artificial co-enzyme based on reduced form of methylviologen |
| P36 | Kitase, Akira | Light-Driven Water Oxidation Reaction Catalyzed by Cyano-Bridged Metal Complexes with Core-Shell Structure |
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| P46 | Sako, Chinami | DNA-binding activity of the multifunctional enzyme, nucleoside diphosphate kinase |
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| P56 | Matsumoto, U | Structure of P1 adhesin, the leg for infection of *Mycoplasma pneumoniae*, as novel sialic acid receptor |
| P57 | Sasajima, Yuya | Effect of MreB Depolymerization on Helicity-Switching Swimming Motility in Crustacean pathogen, *Spiroplasma eriocheiris* |
| P58 | Tahara, Yuhei | Approach to biological specimens and material observation using Quick-Freeze and Deep-Etch (QFDE) replica microscopy |
| P59 | Yamano, Nami | Elucidation of the environmental factors influenced on the optical properties of fucoxanthin and chlorophyll *c* bound to the fucoxanthin chlorophyll *a*/*c* protein, FCP |
| P60 | Furukawa, Daisuke | Study on in vivo 3D Micro-Tomographic Visualization of Vascular Plexuses and Capillary Blood Flow Using Optical Coherence Doppler Velocigraphy |
| P61 | Noji, Tomoyasu | Function of light-driven water-splitting device immobilizing photosystem II inside porous glass plate |

\* Under lines indicate the no entry for the poster competition.

\* Please check your poster number.