

Poster Presentation (10:00~11:30)

- P-1. Structures and Reactivities of Rhodium Complexes Bearing [E(o-C₆H₄PPh₂)₃] Type Tetradentate Ligand (E = Si, Ge, Sn)** ○Sho Ishii, Hajime Kameo, and Hiroshi Nakazawa, Graduate School of Science, Osaka City University
- P-2. Thermosetting Maleimide/Isobutene Alternating Copolymer as a New Class of Transparent Materials** Kyota Takeda, ○Miki Hisano, Akikazu Matsumoto, Graduate School of Engineering, Osaka City University
- P-3. Synthetic studies on fluorine-containing isosteres of asparagine and glutamine** ○Yosuke Wakamatsu, Yoshinosuke Usuki, Hideo Iio Graduate School of Science, Osaka City University
- P-4. Control of Surface Topography and Wettability of Polymer Thin Films Using Reversible Volume Change** ○Sayoko NAGAI, Eriko SATO, and Akikazu MATSUMOTO, Graduate School of Engineering, Osaka City University
- P-5. Photoinduced Electron Transfer in Dyad and Triad System Based on Donor/Acceptor Linked Platinum Porphyrin** ○Ryoji, Sugimura,¹ Shuichi Suzuki,¹ Takahiro Naitoh,¹ Masatoshi Kozaki,¹ Kenshi Kimoto,² Koichi Nozaki,² and Keiji Okada¹,¹Graduate School of Science, Osaka City University, ²Graduate School of Science and Engineering, University of Toyama
- P-6. Identification of molecular target in fungicidal activity of isoprenoid derivative, 1-geranylgeranylpyridinium (GGPy)** ○Shintarou Miyuki¹, Yoshinosuke Usuki¹, Akira Ogita^{1,2}, Kenichi Fujita¹, Toshio Tanaka¹, (¹Graduate School of Science, Osaka University, ²Reserch Center for Urban Health and Sports, Osaka City University
- P-7. Dual Lock Dismantlable Adhesives Using High Molecular Weight Block Copolymers with Photo Acid Generators** ○Tadashi Inui, Eriko Sato, Akikazu Matsumoto, Graduate School of Engineering, Osaka City University
- P-8. A single-crystal ELDOR-NMR study of isotope-labeled DPNO** ○Ayaka Tanaka¹, Kazunobu Sato^{1, 4}, Tomohiro Yoshino¹, Shinsuke Nishida^{1, 4}, Shigeaki Nakazawa^{1, 4}, Robabeh Rahimi¹, Kazuo Toyota^{1, 4}, Daisuke Shiomi^{1, 4}, Yasushi Morita^{2, 4}, Masahiro

Kitagawa^{3, 4} and Takeji Takui^{1, 4}, ¹Graduate School of Science, Osaka City University, ²Graduate School of Science, Osaka University, ³Graduate School of Engineering Science, Osaka University, ⁴FIRST

P-9. Requirement of Ergosterol Component in the Plasma Membrane for Amphotericin B-Mediated Vacuole-Disruptive Action ○Masahiro Yutani², Akira Ogita^{1,2}, Chang-Kyung Kang², Ken Yamauchi³, Naoko Mizuhara², Ken-ichi Fujita², Toshio Tanaka^{2, 1} Research Center for Urban Health and Sports, Osaka City University, ²Graduate School of Science, Osaka City University, ³Institute of Physical Education, Keio University

P-10. Synergistic antifungal activity of anethole via restriction of multidrug resistance
○Yui Jono¹, Daisuke Yamaguchi¹, Takayuki Ishikura¹, Akira Ogita^{1,2}, Toshio Tanaka¹, Ken-ichi Fujita¹,¹Graduate School of Science, Osaka City University, ²Res. Center for Urban Health and Sports, Osaka City University

P-11. Synthetic Studies on (+)-Ipomeamarone ○Taku Deguchi, Yoshinosuke Usuki, Hideo Iio, Graduate School of Science, Osaka City University

P-12. Synthetic research of Juvenile Hormone I ○Atsushi Manabe, Tetsuro Shinada, Yasufumi Ohfune, Graduate School of Science, Osaka City University

P-13. Selective Synthesis of Linear Germoxanes Catalyzed by an Iron Complex ○Ryosuke Tada, Masahiro Kamitani, Masumi Itazaki, and Hiroshi Nakazawa, Department of Chemistry, Graduate School of Science, Osaka City University

P-14. Synthesis of Transition-metal Complexes Containing 1,1'-Ferrocenedithiolate or 1,1'-Ferrocenediselenate Ligand and Their Electrochemical Properties ○Masaki Ito, Masumi Itazaki, Kenya Yamamoto, and Hiroshi Nakazawa, Graduate School of Science, Osaka City University

P-15. Double Hydrophosphination of Alkyne Promoted by Iron Catalyst ○Chihiro Tamiya, Masahiro Kamitani, Masumi Itazaki, and Hiroshi Nakazawa, Department of Chemistry, Graduate School of Science, Osaka City University

P-16. Stereoselective Synthesis of *E*- α,β -dehydroamino Acid Ester Using α -(Diphenylphosphono)glycine Derivatives ○Yoko Yasuno, Makoto Hamada, Takeshi Yamada, Atsushi Manabe, Tetsuro Shinada, and Yasufumi Ohfune, Graduate School of Science, Osaka City University

- P-17. C=O Bond Cleavage Reaction of Isocyanates Catalyzed by a Transition Metal Complex** ○Kazumasa Hayasaka, Kozo Fukumoto,[†] and Hiroshi Nakazawa, Department of Chemistry, Graduate School of Science, Osaka City University, and [†]Kobe City College of Technology
- P-18. Gold-Catalyzed Benzannulation of Homopropargyl Alcohol Derivatives**
○Airi Shimoda, Takuya Okada, Tetsuro Shinada, Kazuhiko Sakaguchi, Yasufumi Ohfune, Graduate School of Science, Osaka City University
- P-19. Structures and Biological Properties of The Novel Peptides of *Xylocopa Appendiculata Circumvolans*** ○KAWAKAMI, Hiroko; SHINADA, Tetsuro; OHFUNE, Yasufumi; SHIGA, Sakiko; Shin G. Goto, Graduate School of Science, Osaka City University
- P-20. Synthesis and Properties of Tetranuclear Manganese Complexes Containing Xanthene-Bridged Schiff-Base Ligands** ○Yuu SHIMIZU, Masakazu HIROTSU, Naoto KUWAMURA, Rika TANAKA, Yoshio TEKI, Hideki HASHIMOTO, Isamu KINOSHITA, Graduate School of Science, Osaka City University
- P-21. Synthesis and Properties of Thiolate-Containing Metallacyclic Iron Complexes of Tetradentate Schiff Base Ligands** ○Kiyokazu Santo, Masakazu Hirotsu, Takanori Nishioka, Isamu Kinoshita, Graduate School of Science, Osaka City University
- P-22. Synthesis of Iron Complexes with Terpyridine Derivatives and Their Catalytic Activity for Hydrosilylation** ○Atsuko Suzuki, Yuta Nakai, Koji Kamada, and Hiroshi Nakazawa, Department of Chemistry, Graduate School of Science, Osaka City University
- P-23. Bifunctional System of Light-harvesting and Photoinduced Electron Transfer in a Porphyrin-Naphthaldiimide** ○ Atsuhiro Uetomo,^a Masatoshi Kozaki,^{*,a} Shuichi Suzuki,^a Osamu Ito,^b and Keiji Okada^{*,a}, ^aGraduate School of Science, ^b Fullerene Group, NIMS, and CarbonPhotoScience Lab
- P-24. Synthetic Study of 2,6-Diaminopimelic Acid Derivatives as a Cystine Isostere**
○ Yuuka Wakabayashi¹, Keiko Shimamoto², Tetsuro Shinada¹, and Yasufumi Ohfune¹,
¹Graduate School of Science, Osaka City University, ²Suntory Institute for Bioorganic Research
- P-25. Synthetic Studies on Isodehydrothyrseferol** ○Akihiro Hoshino, Miyako Morino, Hitomi Kambara, Yoshimitsu Tachi, and Yoshiki Morimoto, Graduate School of Science, Osaka City University

- P-26. Role of the brain in juvenile hormone biosynthesis in the blown-winged green bug, *Plautia stali*** ○Keiji Matsumoto¹, Hideharu Numata², and Sakiko Shiga¹, ¹Graduate School of Science, Osaka City University; ²Graduate School of Science, Kyoto University
- P-27. Iterative Linkage of α -Amino Squaric Acid** ○Kentaro Maeda, Tetsuro Shinada, Yasufumi Ohfuné, Graduate School of Science, Osaka City University
- P-28. Intramolecular Cationic Cyclization Reaction of α -Hydroxysilanes** ○Naoko Ikeda, Wataru Akagi, Masato Higashino, Tetsuro Shinada, Kazuhiko Sakaguchi, Yasufumi Ohfuné, Graduate School of Science, Osaka City University
- P-29. 1'-Acetoxychavicol Acetate (ACA)/ β -1, 3- Glucan: Anti-Inflammatory Effect on Contact Dermatitis** ○Jiawei Li,¹ Hideki Azuma,¹ Keiichi Hiramoto,² Emiko Kasahara,² Takeshi Nagasaki¹, ¹Department of Applied Chemistry and Bioengineering, Graduate school of Engineering, Osaka City University, ² Department of Biochemistry and Molecular Pathology, Osaka City University Medical School
- P-30. Photodynamic Therapy for Rheumatoid Arthritis by Using C70/ β -1,3-Glucan**
○Yuta Kagoshima,¹ Li Jiawei,¹ Azuma Hideki,¹ Ikeda Atushi,² Takeshi Nagasaki¹
¹Department of Applied Chemistry and Bioengineering, Graduate school of Engineering, Osaka City University, ²Graduate School of Materials Science, Nara Institute of Science and Technology