

第13回大阪市立大学大学院理学研究科「物質分子系専攻」
『トポロジカル超分子』に関する国際シンポジウム

ポスターセッションについて
ポスターはホームページに掲載しましたサイズで『英語』
で作成して下さい。

11:30 – 12:30 ポスター掲示（学術情報総合センター10F）

15:25 – 16:15 **プログラム（最終版）**

P-1. A Light-Harvesting Array Composed of Porphyrins and Rigid Backbones:
Atsuhiko Uetomo, Masatoshi Kozaki, Shuichi Suzuki, and Keiji Okada (Osaka
City University)

P-2. Efficient Separation of Lanthanide Tris(β -diketonates) with
Bis(dipicolylamine)-Type Ligands: Masafumi Yano, **Hidehiro Takemoto**,
Masakazu Tatsumi, Hiroyuki Miyake, and Hiroshi Tsukube (Kansai University,
Osaka City University)

P-3. Redox Luminescence Switching of Europium Tris(diketonate) Complex:
Masafumi Yano, **Keisuke Matsuhira**, Masakazu Tatsumi, Yukiyasu
Kashiwagi, Masami Nakamoto, Munetaka Oyama, Kei Ohkubo, Shunich
Fukuzumi, Hitomi Misaki, and Hiroshi Tsukube (Kansai University, Osaka
Municipal Technical Research Institute, Kyoto University, Osaka University
SORST(JST), Osaka City University)

P-4. Biosynthetic Studies on Blepharismins: Self-defense Pigments of
Blepharisma japonicum: **Koichi Yoshioka**, Sohei Tominaga, Yusuke Inagaki,
Naofumi Kaneko, Yoshiyuki Uruma, Yoshinosuke Usuki, and Hideo Iio
(Osaka City University, Yonago National College of Technology)

P-5. Synthetic Study of Tetradentate Peptide-ligand for Dynamic Helicity Inversion in Labile Metal Complexes: Hiroyuki Miyake, **Toshihiro Mori**, Hideki Sugimoto, and Hiroshi Tsukube (Osaka City University)

P-6. Microwave-Assisted Syntheses of Kinetically Inert Helical Metal Complexes: Hiroyuki Miyake, **Masashi Ueda**, Hideki Sugimoto, and Hiroshi Tsukube (Osaka City University)

P-7. Solvent Induced-Dynamic Helicity Inversion in Chiral Co(II) Complexes: Hiroyuki Miyake, **Hisako Akita**, Hideki Sugimoto, and Hiroshi Tsukube (Osaka City University)

P-8. Radical Cyclization Involving Elimination of Hydrazyl Radicals: **Hidefumi Hirao**, Shoji Kobayashi, and Ilhyong Ryu (Osaka Prefecture University)

P-9. Ru-Catalyzed Reaction of Enamines with Propargyl Esters. A New Method for Pyrrole Synthesis: Takahide Fukuyama, **Hideo Takahashi**, and Ilhyong Ryu (Osaka Prefecture University)

P-10. Conformation Control of Snowflake Dendrimers by Metal Complexations: **Mutsumi Kato**, Shuichi Suzuki, Masatoshi Kozaki, and Keiji Okada (Osaka City University)

P-11. Synthetic Studies on Diradical Cation Species of Benzobisdioxoles Linked with Nitronyl Nitroxide: **Tasuku Kumagai**, Masato Kuratsu, Shuichi Suzuki, Masatoshi Kozaki, and Keiji Okada (Osaka City University)

P-12. Studies on Photophysical Properties of Bipyridine-Diacetylide Platinum Complexes Linked with Electron Donor and Acceptor Moieties: **Ryoji Sugimura**, Shuichi Suzuki, Masatoshi Kozaki, Kazutoshi Keyaki, Koichi Nozaki, and Keiji Okada (Osaka City University, University of Toyama)

P-13. Synthesis of Zinc Complex with Galacturonic Acid: **Yoshiaki Maeoka**, Yutaka Yoshikawa, Hiroyuki Yasui, and Yoshimitu Tachi (Osaka City University, Kyoto Pharmaceutical University)

P-14. Synthesis and Properties of NCN Pincer Carbene Fe Complexes: **Ryo Kato**, Kenichi Kitano, Masakazu Hirotsu, Takanori Nishioka, and Isamu Kinoshita (Osaka City University)

P-15. Electrochemical Properties of Multinuclear Carbonato Complexes: **Naoto Kuwamura**, Ken'ichi Kitano, Riichi Miyamoto, Yuki Yoshida, Masakazu Hirotsu, Takanori Nishioka, Akio Ichimura, and Isamu Kinoshita (Osaka City University)

P-16. Structures of Two- and Three-Dimensional Cu(I,II) Mixed-Valence Coordination Polymers: **Yuki Yoshida**, Masakazu Hirotsu, Takanori Nishioka, and Isamu Kinoshita (Osaka City University)

P-17. "Click" Syntheses of "Sugar-Coated" N-Heterocyclic Carbene Complexes: **Yoshinori Sugimura**, Takanori Nishioka, and Isamu Kinoshita (Osaka City University)

P-18. Absolute Configuration of Spirostomin, Defense Toxin of the Ciliate *Spirostomum teres*: **Yoshihiko Sera**, Sohei Tominaga, Yoshiko Takayama, Yoshinosuke Usuki, Isamu Kinoshita and Hideo Iio (Osaka City University)

P-19. Synthesis of a Dinitrogen Tantalum Complex Containing η^5 -C₅Me₅ and Thiolato Ligands: **Ryoichi Takada**, Masakazu Hirotsu, Takanori Nishioka, and Isamu Kinoshita (Osaka City University)

P-20. A Single-Crystal Pulsed ESR Study of Diphenyl Nitroxide for the Quantum Gate by Means of Time-Evolution of Molecular-Spin Qubits: **Kazuki Ayabe**, Kazunobu Sato, Shinsuke Nishida, Shigeaki Nakazawa, Robabeh Rahimi, Kazuo Toyota, Daisuke Shiomi, Yasushi Morita, Masahiro Kitagawa, Mikio Nakahara, Hideyuki Hara, Patrick Carl, Peter Höfer, and Takeji Takui (Osaka City University, Kinki University, Osaka University, Bruker Biospin K.K., Bruker Biospin GmbH, CREST(JST))

P-21. Sodium N-Dodecanoylsarcosinate at the Surface of Aqueous Solution and in the Aqueous Bulk Phase: **Akihisa Kaneko**, **Tomohiro Shikata**, Pankaj Sehgal, and Hidekazu Doe (Osaka City University)

P-22. Synthesis and Reaction of Fluorine-Containing Synthons Prepared from β -Fluoro Allylic Acetate: **Tsuyoshi Hayashi**, Yoshinosuke Usuki, and Hideo Iio (Osaka City University)

P-23. A Study of Diphenyl Nitroxide Derivatives by Single-Crystal CW/Pulsed-ENDOR Spectroscopy: Manipulation of One Electron and Two Nuclear Spin-Qubits for QC/QIP: **Tomohiro Yoshino**, Shinsuke Nishida, Shigeaki Nakazawa, Kazunobu Sato, Robabeh Rahimi, Kazuo Toyota, Daisuke Shiomi, Yasushi Morita, Masahiro Kitagawa, and Takeji Takui (Osaka City University, Kinki University, Osaka University, CREST(JST))

P-24. Molten Globule of α -Lactalbumin Denatured by Cationic Surfactants: **Takanori Shichi**, Pankaj Sehgal, Daniel Otzen, and Hidekazu Doe (Osaka City University)

P-25. Stereoselective Route Toward the Synthesis of Manzacidin B and Kainic Acid Using Chiral Isocyanoacetate Derivative: **Kentaro Oe**, Tetsuro Shinada, and Yasufumi Ohfuné (Osaka City University)

P-26. Au(I)-Catalyzed Synthesis of γ -Butyrolactones from Silyllallenes:

Total Synthesis of (-)-Funebrine: **Takuya Okada**, Kazuhiko Sakaguchi, and Yasufumi Ohfuné (Osaka City University)

P-27. Ab initio Calculations of Spin-Orbit Contributions to Zero-Field Splitting Tensors: **Kenji Sugisaki**, Kazuo Toyota, Kazunobu Sato, Daisuke Shiomi, and Takeji Takui (Osaka City University)

P-28. Fractionation and Size Determination of Gold Nanoparticles by Polyacrylamide Gel Electrophoresis: **Yoshihito Noborikawa**, Seiichi Sato, Hiroshi Yao, and Keisaku Kimura (University of Hyogo)

P-29. Light-induced Size-regulation and Surface Modification of Germanium Nanocrystals: **Kengo Hamada**, Seiichi Sato, and Keisaku Kimura (University of Hyogo)

P-30. S-CN Bond Cleavage of Thiocyanates Catalyzed by a Transition Metal Complex: **Michiho Kasa**, Kozo Fukumoto, Masumi Itazaki, and Hiroshi Nakazawa (Osaka City University)

P-31. Self-assembly in Mannich-type Reaction. The Original Stereoselective Path to the Macrocycles and Cryptandes with Intracyclic Phosphine Groups: **R. N. Naumov**, A. A. Karasik, O. G. Sinyashin, and E. Hey-Hawkins (A. E. Arbuzov Institute, Russian Academy of Science, Institut für Anorganische Chemie der Universität Leipzig)

P-32. New Synthetic Method of Vinylgermanes Promoted by an Iron Complex: **Masahiro Kamitani**, Masumi Itazaki, and Hiroshi Nakazawa (Osaka City University)

P-33. Synthesis, Structure and Electronic Property of Ansa-type Disilyl Ferrocenes: **Makiko Minakata**, Masumi Itazaki, and Hiroshi Nakazawa (Osaka City University)

P-34. Iron-catalyzed Hydrothiolation of Alkynes: **Wataru Nakamura**, Masumi Itazaki, and Hiroshi Nakazawa (Osaka City University)

P-35. Synthetic Analogues of MoO₂ Centers in Molybdenum Oxotransferrase: **Koichiro Suyama**, Susumu Tatemoto, Hideki Sugimoto, and Hiroyuki Miyake (Osaka City University)

P-36. Chirality Induction in Quadruple-stranded Helicates of Armed Cyclen Complexes: **Hitomi Misaki**, Hiroyuki Miyake, Satoshi Shinoda and Hiroshi Tsukube (Osaka City University)