

## Poster Session

September 10th, 2019

- P-1 **Yosuke Ashikari, Daisuke Ichinari, Yoko Aizawa, Kyoko Mandai, Jun-ichi Yoshida, Aiichiro Nagaki**  
Masked Azide Strategy: Functionalization of Arylazides from Aryllithiums bearing Masked Azides using Flow Microreactors
- P-2 **Ikuya Fujii, Kazuhiko Semba, Yoshiaki Nakao**  
Magnesiation of Aryl Fluorides Catalyzed by Rhodium–Aluminum Bimetallic Complexes
- P-3 **Naofumi Hara, Nao Uemura, Koki Aso, Yoshiaki Nakao**  
C2-Selective Alkylation and Silylation of Pyridines Catalyzed by Aluminum–Rhodium Complexes
- P-4 **Shingo Hirashima, Ji Hoon Han, Soyoung Park, Hiroshi Sugiyama**  
Synthesis and Application of Fluorescent Nucleobase Analogues
- P-5 **Wenting Huo, Koji Miki, Daisuke Tokunaga, Huiying Mu, Masahiro Oe, Kouichi Ohe**  
Acid- and  $\beta$ -Galactosidase-Responsive Photoluminescent Probe Based on 3,3'-Dihydroxy-2,2'-bipyridyl
- P-6 **Yosuke Yamaoka, Hidetaka Imahori, Yukiko Kobori, Motoki Ueda, Hiroshi Takikawa, Kiyosei Takasu**  
(2+2)-Cycloaddition of Lithium Ynolates with  $\alpha,\beta$ -Unsaturated Esters
- P-7 **Kazutaka Kanayama, Yuki Matsuda, Yasushi Tsuji, Tetsuaki Fujihara**  
Silylative Difunctionalization Reactions of 1,3-Dienes Using Cu Catalysts
- P-8 **Hiroto Kawasaki, Yuma Aoki, Hikaru Takaya, Masaharu Nakamura**  
Nickel-Catalyzed C–H Arylation of Arylamines
- P-9 **Tairin Kawasaki, Naoki Ishida, Masahiro Murakami**  
Light/Nickel-Promoted Dehydrogenative Coupling Between Benzylic and Aldehydic C–H Bonds
- P-10 **Yusuke Kuroda, M. Ramu Yadav, Kyungho Park, Hiroshi Shiraishi, Zhong Rong-Lin, Shigeyoshi Sakaki, Yoshiaki Nakao**  
Site- and Enantioselective C–H Borylation of Cyclic Amines by Cooperative Iridium/Aluminum Catalysis
- P-11 **Siming Lu, Ryosuke Agata, Katsuhiko Isozaki, Masaharu Nakamura**  
Regio- and Stereoselective Synthesis of 1,4-Enynes by Iron-Catalyzed Suzuki-Miyaura Coupling
- P-12 **Yangtian Lu, Shigeru Yamago**  
Synthesis of Structurally Controlled Highly Branched Polymers through the Design of New Monomers with Hierarchical Reactivity

- P-13 **Taishi Miyabe, Yu Kimura, Teruyuki Kondo**  
Sc(OTf)<sub>3</sub>-Catalyzed Synthesis of 2-Substituted Benzoxazoles and Benzothiazoles
- P-14 **Huiying Mu, Koji Miki, Masahiro Oe, Kouichi Ohe**  
Tumor-Targeting pH-Activatable Probe Based on NIR Cyanine Dye for Fluorescence and Photoacoustic Imaging
- P-15 **Naoki Oku, Tomoya Miura, Masahiro Murakami**  
Diastereo- and Enantioselective Synthesis of (*E*)- $\delta$ -Boryl-Substituted *anti*-Homoallylic alcohols in Two Steps from Terminal Alkynes
- P-16 **Fumiya Shimoura, Kazuhiko Semba, Yoshiaki Nakao**  
Synthesis and Reactivity of Cobalt–Aluminum Bimetallic Complexes
- P-17 **Masahiro Suezaki, Kohei Sasakura, Daisuke Tokunaga, Kazuhiro Okamoto, Koji Miki, Kouichi Ohe**  
Synthesis and Optical Properties of Axially Chiral Platinum Dinuclear Complexes Bearing 3,3'-Disubstituted-2,2'-Bipyridine Ligands
- P-18 **Liansheng Sun, Eiich Kayahara, Shigeru Yamago**  
Synthesis and Characterization of Doubly Annulated Cycloparaphenylenes
- P-19 **Aika Takeshima, Taichi Kano, Keiji Maruoka**  
Development of a Novel Chiral Amino Sulfonamide Catalyst and Its Applications in Asymmetric Reaction
- P-20 **Takahiro Toyoda, Yu Kimura, and Teruyuki Kondo**  
Novel Synthesis of 2-Coumaranones by Ruthenium-Catalyzed Dehydrogenative Cyclization of 2-(2-Hydroxyethyl)phenols
- P-21 **Hiromu Tsuda, Yusuke Masuda, Masahiro Murakami**  
Photo-Induced Isomerization of D-Glucose to 2-Deoxy-D-gluconic Acid
- P-22 **Saori Tsuzuki, Ryu Sakamoto, Keiji Maruoka**  
Direct Synthesis of Ynones from Aldehydes via C–H Alkynylation under Metal- and Catalyst-free Conditions
- P-23 **Kaito Yagi, Toshimichi Ohmura, Michinori Suginome**  
Iridium-Catalyzed Dehydrogenation-Triggered Transformation for the Synthesis of 3-Substituted Indoles
- P-24 **Yuuya Nagata, Tomonori Yamawaki, Takuma Kuroda, Michinori Suginome**  
Dynamic Screw-sense Induction of Achiral Poly(quioxaline-2,3-diyl)s Bearing Carboxyl Acid Side Chains through Ionic Interactions
- P-25 **Yukako Yoshinaga, Takeshi Yamamoto, Michinori Suginome**  
Copper-Catalyzed Intramolecular Suzuki-Miyaura Coupling of Chiral  $\alpha$ -(2-Bromobenzamido)benzylboronic Esters with Inversion of Configuration
- P-26 **Ji Hye Yum, Soyoung Park, Hiroshi Sugiyama**  
Enantioselective Hydration of  $\alpha,\beta$ -unsaturated Ketone Using a DNA Hybrid Catalyst Containing an Intrastrand Bipyridine Ligand