
November 14 (Wed)

11:30-13:30 Poster Session 2 (Rooms C and D)

PB(C)-01 — PB(C)-84 (Room C)

PB(D)-01 — PB(D)-46 (Room D)

Room C

- PB(C)-01** **Yuji Kita, Yoshihiro Nishimoto, Makoto Yasuda**
Synthesis of 2,4,6-Triarylpyryliums Bearing a Carbon-Metal Bond and Its Application
- PB(C)-02** **Hayate Saito, Keisuke Nogi, Hideki Yorimitsu**
Copper-Catalyzed Ring-Opening Silylation of Benzofurans with Disilane
- PB(C)-03** **Karsten Donabauer, Mitasree Maity, Anna Lucia Berger, Burkhard Koenig**
Photocatalytic carbanion generation – Benzoylation of aliphatic aldehydes to secondary alcohols
- PB(C)-04** **Wei-Hua Chiu, Pin-Heng Liu, Yuan-Ching Chen, Gary Jing Chuang**
Radical Mediated Aerobic Epoxidation of Ary Olefins
- PB(C)-05** **Hiroto Yoshida, Shintaro Kamio, Itaru Osaka**
Anthranilamide (aam)-Substituted Diboron: Pd-Catalyzed Selective B(aam) Transfer and Direct Cross-Coupling of Ar–B(aam) Therefrom
- PB(C)-06** **Mariko Sugaya, Tetsuya Yamamoto**
Palladium-catalyzed arylation of aldehydes with 1-(2-bromobenzyl)-3-(2,6-diisopropylphenyl) imidazole-2-ylidene ligand
- PB(C)-07** **Yoshikazu Horino, Miki Sugata, Itaru Mitsuura, Hitoshi Abe**
Controllable Stereoselective Synthesis of (*Z*)- and (*E*)-Homoallylic Alcohols Using a Palladium-Catalyzed Three-Component Reaction
- PB(C)-08** **Takeshi Komiyama, Yasunori Minami, Tamejiro Hiyama**
Aryl(triethyl)silanes for Aryl–Aryl and Aryl–Alkyl Bond-Forming Reactions
- PB(C)-09** **Minori Shimizu, Takashi Arikawa, Syoki Satho, Hiraku Shinozaki, Tetsuya Yamamoto**
Palladium Catalyzed 1,4-Addition of Arylboronic Acids to Enones using Naphthalene -Based Phosphine Ligand
- PB(C)-10** **Hirotsugu Suzuki, Yasuhiro Yamashita, Shū Kobayashi**
Catalytic Direct-type Addition Reactions of Alkylarenes with Imines
- PB(C)-11** **Jung-Eun Lee, Wei Sun, Yue Yuan, Bit Lee, Seul Lee, Dongyun Shin, Seung-Yong Seo**
Short Synthesis of Octaketide Ethyl 2-(2,3,4-Trimethoxy-6-octanoylphenyl)acetate
- PB(C)-12** **Sae Yamazaki, Taro Sonehara, Shogo Murakami, Hiroaki Tsuji, Motoi Kawatsura**
Tertiary Amine Catalyzed Reaction of Alkynes with Thiosalicylic Acids

- PB(C)-13** Hsiang-Ming Yang, Jing-Wen Tu, Ming-Lun Liu, Gary Jing Chuang
Bimetallic Photoredox Catalysis : Visible Light Driven Aerobic Hydroxylation of Aryl Boronic Acid with Dirhodium Catalysts
- PB(C)-14** Tomohiro Tani, Tetsuya Sugiura, Naomi Takahashi, Sadahiro Hashimoto, Teruhisa Tsuchimoto
Synthetic Utilization of a C(sp)–B(dan) bond under Palladium Catalysis
- PB(C)-15** Mana Osano, Takeru Kida, Kyohei Yonekura, Teruhisa Tsuchimoto
Alkylation of Terminal Alkynes Under Zinc Lewis Acid Catalysis
- PB(C)-16** Yuichi Kai, Shinya Oku, Teruhisa Tsuchimoto
Zinc-Catalyzed Dehydrogenative Stannylation of Terminal Alkynes with Hydrostannanes
- PB(C)-17** Solange Da Silva Pinto, Stephen G. Davies, Ai M. Fletcher, Paul M. Roberts, James E. Thomson
Ammonium-Directed Epoxidation in the Asymmetric Syntheses of ten Dihydroconduramines
- PB(C)-18** Pablo Gabriel, Alex W. Gregory, Darren J. Dixon
Iridium (I) catalysed functionalization of amides
- PB(C)-19** M. Börjesson, D. Janssen-Müller, R. Martin
Ni-Catalyzed sp² C–H Carboxylation via [1,4]-Hydride Shift
- PB(C)-20** Genna Hasegawa, Naoki Oishi, Kazuma Kuroda, Kengo Hyodo, Kingo Uchida
Catalytic and direct amide synthesis from Ketones via Beckmann rearrangement
- PB(C)-21** Shoko Yamazaki, Hirotaka Sugiura, Akihisa Hirose, Akiya Ogawa, Kiyomi Kakiuchi
Intramolecular [2+2] and [4+2] Cycloaddition Reactions of Ethenetricarboxylates with Styrenes
- PB(C)-22** Misaki Terada, Yuji Nshii, Masahiro Miura
Synthesis and Reactivity of Nickel Complexes Bearing Five-Membered Aryne Fragments
- PB(C)-23** Yuya Yonekura, Heejin Kim, Aiichiro Nagaki, Jun-ichi Yoshida
Electrophilic Amination of Organolithiums Using a Microreactor System
- PB(C)-24** Toshifumi Takahashi, Takuya Kurahashi, Seiji Matsubara
Nickel-Catalyzed Carbohalogenation of Alkynes
- PB(C)-25** Shun-ichi Nagao, Kenosuke Itoh, Takaaki Mizuguchi, Fumika Karaki, Shigeto Hirayama, Masashi Hashimoto, Hideaki Fujii
Development of sequential conjugate addition/cyclization reaction of carbon-centered radicals induced from tertiary amines in the presence of visible-light photoredox catalyst
- PB(C)-26** Yu Ozawa, Hiroaki Iwamoto, Hajime Ito
Copper(I)-Catalyzed Intramolecular Borylative Cyclization of Terminal Allenes
- PB(C)-27** Tatsuyoshi Ito, Kohei Takahashi, Nobuharu Iwasawa
Ruthenium-catalyzed Synthesis of Acrylic Acid from Ethylene and CO₂
- PB(C)-28** Arianna Brandolese, Daniele Ragno, Olga Bortolini, Alessandro Massi
Derivatization of biomass-derived 5-(hydroxymethyl)furfural through heterogeneous NHC oxidative catalysis

- PB(C)-29** Nobuya Tsuji, Jennifer L. Kennemur, Thomas Buyck, Sunggi Lee, Sébastien Prévost, Philip S. J. Kaib, Dmytro Bykov, Christophe Farès, Benjamin List
Activation of olefins via asymmetric Brønsted acid catalysis
- PB(C)-30** Michele Formica, Geoffroy Sorin, Alistair J. M. Farley, Jesús Diaz, Robert S. Paton, Darren J. Dixon
Bifunctional Iminophosphorane Catalysed Enantioselective Sulfa-Michael Addition of Alkyl Thiols to Alkenyl Benzimidazoles
- PB(C)-31** Takuya Matsumoto, Akinobu Akatsuka, Mutsumi Okamura, Shingo Dan, Takao Yamori, Hiroki Iwasaki, Masayuki Yamashita, Naoto Kojima
Synthesis and Antitumor Activity of Acetogenin Derivative with *N*-Methylpyrazole Connected by Sulfonamide
- PB(C)-32** Momoe Nakano, Kensuke Hayashida, Yasuhiro Nishiyama, Tsumoru Morimoto, Kiyomi Kakiuchi
Enhanced Efficiency of Photoreactions Using Flow Microreactor under Slug Flow Mode
- PB(C)-33** Kazuki Komoda, Ibuki Tanaka, Tsuyuka Sugiishi, Hideki Amii
[4+2] Cycloaddition of Fluorinated Benzocyclobutenone Derivatives with Carbonyl Compounds
- PB(C)-34** Hiroaki Iwamoto, Tsuneo Imamoto, Hajime Ito
Computer-Assisted Design of P-Chirogenic Ligand for Enantioselective Markovnikov Hydroboration of Aliphatic Terminal Alkenes
- PB(C)-35** Masakazu Nambo, Yasuyo Tahara, Jacky C.-H. Yim, Luiza B. O. Freitas, Yuuki Maekawa, Zachary T. Ariki, Cathleen M. Crudden
Modular Synthesis of Fluorinated Arylmethane Derivatives through Desulfonylative Reactions
- PB(C)-36** Hiroki Yamashita, Katsuyuki Hirose, Yuta Tsuchihashi, Aiichiro Nagaki, Jun-ichi Yoshida
Generation of Functional Alkylolithiums Using Flow Microreactors
- PB(C)-37** Akira Matsumoto, Keisuke Asano, Seiji Matsubara
Organocatalytic Cycloetherification for Asymmetric Cyanation of Acylsilanes
- PB(C)-38** Fumitoshi Shibahara, Yusuke Asai, Toshiaki Murai
Direct C-H Bond Arylation of Thienylthioamides Catalyzed by Pd-1,10-phenanthroline Complexes
- PB(C)-39** Shunsuke Onodera, Soya Ishikawa, Takuya Kochi, Fumitoshi Kakiuchi
Directed Alkenylation of Allylbenzenes via C-C Bond Cleavage
- PB(C)-40** Tomoki Niwa, Hitomi Sato, Ryo Hotta, Taiki Rouno, Yuji Kawato, Hiromichi Egami, Yoshitaka Hamashima
Dianionic Phase Transfer Catalyst for Asymmetric Fluorocyclization
- PB(C)-41** Yarkali Krishna, Fujie Tanaka
Catalytic Intramolecular Vinylogous Mannich Reaction of Hydroxylactam-Enals: Direct Access to Bicyclic Izidine Derivatives
- PB(C)-42** Naoki Kimura, Takuya Kochi, Fumitoshi Kakiuchi
Iron-Catalyzed *ortho*-Selective C-H Alkylation of Aromatic Ketones

- PB(C)-43** Masato Nakatsuji, Satoshi Itoh, Takeyuki Suzuki, Yasushi Obora
N,N-dimethylformamide-stabilized Palladium Nanoparticles as a Catalyst for the Synthesis of Vinyl Ethers
- PB(C)-44** Kazuma Kuwabara, Toshiaki Murai
 Synthesis of *P*-Stereogenic Phosphonothioic Acid Derivatives via Axis-to-Center Chirality Transfer and Their Applications
- PB(C)-45** Yuna Maeda, Miki Murata
 A Heterogeneous Ru Catalyst for Site-Selective C–H Borylation
- PB(C)-46** Arata Yajima, Shota Urao, Yuu Iizuka, Izumi Shirakawa, Ryo Katsuta, Ken Ishigami, Tomoo Nukada
 Highly enantioselective syntheses of allylic alcohols via asymmetric dihydroxylation and applications for natural product syntheses
- PB(C)-47** Takashi Hoshi, Yuka Shishido, Ayumi Suzuki, Yuki Sasaki, Hisahiro Hagiwara, Toshio Suzuki
 Suzuki–Miyaura Coupling Reactions Using Low Loading of Ligand-Activated Palladium Catalyst by Cooperative Copper Catalysis
- PB(C)-48** Keisuke Shigemori, Koichi Mitsudo, Seiji Suga
 Synthesis of Thiophene-fused 1,2-Oxaborines via Iodide-Catalyzed Demethylation and Intramolecular C–H Borylation
- PB(C)-49** Kazuhiro Yoshida, Qiang Liu, Risa Yasue, Shiro Wada, Ryosuke Kimura, Masamichi Ogasawara
 Versatile and Enantioselective Preparation of Planar-Chiral Metallocene-Fused 4-Dialkylaminopyridines and Their Application in Asymmetric Organocatalysis
- PB(C)-50** Yuk-Cheung Chan, Ying-Yeung Yeung
 Halogen Bond Catalyzed Bromocarbocyclization
- PB(C)-51** Yuka Sakurai, Hiroyuki Hattori, Yohei Ogiwara, Norio Sakai
 Palladium-Catalyzed Selective Conversion of Acyl Fluorides with a Hydrosilane: Switchable Decarbonylation Using a Phosphine Ligand
- PB(C)-52** Takumi Suzuki, Satoru Kuwano, Masahiro Yamanaka, Takayoshi Arai
 [4+2] Cycloaddition Reaction of 2-Vinylindoles Catalyzed by Halogen-Bond Donors
- PB(C)-53** Tatsuki Nagata, Yurina Adachi, Yasushi Obora
 Au₂₅(SC₂H₄Ph)₁₈ Catalyzed Hydroamination of Terminal Alkynes
- PB(C)-54** Takuya Oshima, Kazuki Komoda, Tsuyuka Sugiishi, Hideki Amii
 New Synthesis of *o*-(Difluoromethyl)benzoates
- PB(C)-55** Han-Sung Kim, Sunwoo Lee
 Electrochemical Reaction of Arylsulfonyl Hydrazide with Tertiary Aliphatic Amines
- PB(C)-56** Jiye Jeon, Cheol-Hong Cheon
 Synthesis of Benzo[a]carbazole via Cyanide-Catalyzed Imino-Stetter Reaction
- PB(C)-57** Hai-Long Xin, Akkad Walaa, Hiroyuki Morimoto, Takashi Ohshima
 Uncatalyzed C–C Bond Cleavage of 2-Acylimidazoles
- PB(C)-58** Jacky C.-H. Yim, Masakazu Nambo, Yasuyo Tahara, Cathleen M. Crudden
 Cu-Catalyzed Desulfonylative Amination via a Cu-Carbene Intermediate

- PB(C)-59** **Daisuke Yoshitake, Yuka Sato, Yuichiro Ashida, Yoo Tanabe**
Stereocomplementary preparation of multi-substituted (*E*)-, (*Z*)- α,β -unsaturated esters by stereoretentive cross-coupling and reduction reactions starting from (*E*)-, (*Z*)-sterodefined enol sulfonates
- PB(C)-60** **Shimon Maksymenko, Keshaba N. Parida, Gulab Pathe, Atul A. More, Yuriy Lipisa, Alex M. Szpilman**
Direct Intermolecular Alfa-Arylation of Ketones via Umpolung¹
- PB(C)-61** **Hao-Wen Wang, Kuan-Shuo Lin, Tzu-Chiang Chien, Hsiao-Feng Chen, Rong-Xuan Wu, Ming-Chang P. Yeh**
Gold(III)-Catalyzed Intramolecular Cyclization Reactions of Ynamide-Tethered Furans: Synthesis of Pyrrole Derivatives
- PB(C)-62** **Yoko Yasuno, Yohei Toriyama, Ryota Ogura, Tetsuro Shinada**
One-pot Synthesis of Anthraquinones by Sc(OTf)₃-catalyzed Tandem Reaction
- PB(C)-63** **Masatoshi Kakuno, Nao Tamura, Yutaro Hanatani, Yoo Tanabe**
Distinctive reactivity and selectivity concerning TiCl₄ / amine-mediated C-C bond forming reactions
- PB(C)-64** **Tsubasa Matsuzawa, Keisuke Uchida, Suguru Yoshida, Takamitsu Hosoya**
Synthesis of Multisubstituted Benzo[*b*]thiophenes via Reaction of Arynes with Alkynyl Sulfides
- PB(C)-65** **Yu Nakamura, Suguru Yoshida, Takamitsu Hosoya**
Facile Synthesis of Diverse Benzopyran Derivatives via Au-Catalyzed Cyclization and Generation of Arynes
- PB(C)-66** **Robert Franzén, Tetsuhiro Nemoto**
Towards preparation of new benzopyran-structures
- PB(C)-67** **Risa Yasue, Yuta Shikata, Kazuhiro Yoshida**
Development of Planar Chiral Cyclic (Amino)(ferrocenyl)carbene Ligand Having Cp*Fe Moiety
- PB(C)-68** **Tatsuya Kumon, Shigeyuki Yamada, Tsutomu Konno**
A Novel Synthetic Method for the Preparation of Fluoroalkylated Pyridine Derivatives Based on Cobalt-Catalyzed [2+2+2] Cycloaddition Reactions
- PB(C)-69** **Naoya Funayama, Hitoshi Tamiaki**
Enhanced Diels-Alder Reactivity of C3-Dienylated Chlorophyll Derivatives by Metalation
- PB(C)-70** **Thanyarat Chawanpunyawat, Teadkait Keawpuang, Pongsakorn Chasing, Taweesak Sudyodsuk, Vinich Promarak**
Synthesis and characterization of highly symmetric pyrene derivatives and their application in OLEDs
- PB(C)-71** **Kotohiro Nomura, Itsuki Izawa, Hitoshi Harakawa, Masaharu Kuboki, Hirotaka Aoki, Kensuke Inoue, Go Nagai, Toshiaki Ina, Seiji Yamazoe, Takato Mitsudome**
Exploring Oxidation States of the Active Species in Syndiospecific Styrene Polymerization Using Aryloxo-Modified Half-Titanocene Catalysts
- PB(C)-72** **Sigma Hashimoto, Eiichi Kayahara, Shigeru Yamago**
Synthesis and Physical Properties of Multi-fluorinated Cycloparaphenylenes

- PB(C)-73** **S. Ghosh, S. Cherumukkil, C. H. Suresh, A. Ajayaghosh**
A Black Supramolecular Nanocomposite as Near Infrared Transmitting Optical Filter
- PB(C)-74** **Tomoaki Endo, Daisuke Nagao, Fumiyo Nagao, Yasuaki Yamaoka, Eunsang Kwon, Shin-ichiro Nagahiro**
Efficient and Convenient Mechanochemical Synthesis using Three-Dimensional Ball Mill
- PB(C)-75** **Chien-Chen Diao, Chun-I Li, Yong-Fong Syu, Chia-Ching Wu**
Preparation and Properties of High Dielectric Organic/Inorganic Composites
- PB(C)-76** **Takayuki Iwata, Tatusro Yoshinaga, Satoshi Umezu, Takumi Fujiwara, Mikei Sakae, Kenji Matsumoto, Mitsuru Shindo**
Regioselective Synthesis of Substituted Triptycenes Using Ynolate-aryne Triplecycloadditions
- PB(C)-77** **Kentaro Okano, Yuki Hayashi, Daichi Mari, Atsunori Mori**
Synthesis of Multiply Substituted Heteroaromatic Compounds by Halogen Dance
- PB(C)-78** **Yumiko Igarashi, Satoru Yoshino, Tomoe Komoriya, Keiichi Sakamoto**
Synthesis of novel phthalocyanines having heterocyclic substituents for photodynamic therapy of cancer
- PB(C)-79** **Yuichiro Hayashi, Ayaka Ban, Yusuke Goto, Takeshi Maeda, Shigeyuki Yagi, Toshiaki Enoki, Yousuke Ooyama, Joji Ohshita**
Synthesis of Bridged Bithiophene Dimers Bearing Electron-Withdrawing Terminal Groups and Their Photosensitization of Singlet Oxygen Generation
- PB(C)-80** **Masato Morita, Shigeyuki Yamada, Tsutomu Konno**
Thermally Responsible Photoluminescent Properties of Bistolane Derivatives
- PB(C)-81** **Kazuya Miyano, Shigeyuki Yamada, Tsutomu Konno**
Synthesis of Luminescent Liquid Crystal Molecules by Changing Primary Structure
- PB(C)-82** **Mark Kristan Espejo Cabello, Nozomi Sato, Yuta Uetake, Ken Kokubo, Hidehiro Sakurai**
Preparation of Metal Nanoclusters Stabilized by Fullerenols and their Catalytic Activity
- PB(C)-83** **Wei Sun, Yiqun Li**
An Efficient Pd(II)/RE Catalytic System for the Synthesis of Polysubstituted Imidazoles from Mandelic Acids, Diphenylacetylene, and Amines
- PB(C)-84** **Ryosuke Yakushijin, Yusuke Watanabe, Ken Tamamoto, Shigeyuki Yamada, Tsutomu Konno**
Diverse Synthetic Methods for Aromatic Compounds Containing Tetrafluoroethylene Unit

Room D

- PB(D)-01** Soichiro Ogi, Kentaro Matsumoto, Shigehiro Yamaguchi
Seeded Polymerization Based on Folding and Aggregation Behavior of an Amino-Acid-based Diamide
- PB(D)-02** Yukako Yoshinaga, Takeshi Yamamoto, Michinori Suginome
Copper-Catalyzed Asymmetric Reactions Utilizing Chirality-Switchable 2,2'-Bipyridine Ligands Attached to Helical Polyquinoxalines
- PB(D)-03** Hiromu Kubo, Takashi Hirose, Kenji Matsuda
Enhancement of CPL Intensity of [7]Helicenes Based on a Frontier Orbital Approach
- PB(D)-04** Yuki Wada, Yuki Fujii, Tsunayoshi Takehara, Takeyuki Suzuki, Kenichi Murai, Hiromichi Fujioka, Mitsuhiro Arisawa
Synthesis and Optical Feature of Multi-Substituted Isoindolo[2,1-*a*]quinoline
- PB(D)-05** Chisako Kanzaki, Shingo Kaji, Munenori Numata
Creation of metastable nanofibers in microflow
- PB(D)-06** Renee W. Y. Man, Chien-Hung Li, Masakazu Nambo, Cathleen M. Crudden
Ultra Stable Gold Nanomaterials Modified by Bidentate *N*-Heterocyclic Carbene Ligands
- PB(D)-07** Takumi Kinoshita, Yusuke Miyake, Kunihiko Tajima, Masaki Shimizu
Fluorescence–Phosphorescence Dual Luminescent Crystals of Diaroylbis (disilylmethoxy) benzenes
- PB(D)-08** Kenta Nishimura, Masaki Shimizu
Ultraviolet Fluorophores Based on 1,4-Dialkenyl-2,5-dialkoxybenzenes
- PB(D)-09** Fumi Nagatsugi, Ken Yamada, Yusuke Abe, Kiyono Fukuma, Hirotaka Murase
Development of the Cross-linkable Oligonucleotides for the Control of Gene Expression
- PB(D)-10** Kazuki Kadowaki, Shinya Yamada, Ryo Katsuta, Arata Yajima, Tomoo Nukada, Hirosato Takikawa, Hidenori Watanabe, Ken Ishigami
Synthesis of (Z)-2 β -hydroxy-14-hydro- β -santalol and determination its absolute configuration
- PB(D)-11** Yoshinori Makita, Midori A. Arai, Masami Ishibashi
Synthesis of Rocaglamide Derivatives with Wnt Signal Inhibition
- PB(D)-12** Yuma Wakamiya, Makoto Ebine, Tohru Oishi
Synthetic Studies of Amphidinol 3
- PB(D)-13** Francis Dhoro, Matthew J. Piggott
Towards the Total Synthesis of Alpinidine
- PB(D)-14** Akira Fujimoto, Takashi Arikawa, Hiraku Shinozaki, Tetsuya Yamamoto
The Synthesis of Dihydroisoquinolone and Dihydrobenzoazepine Scaffold via IMDAF as a Key Step.
- PB(D)-15** Katsuki Takashima, Hinako Tanaka, Naoki Toyooka
Construction of aza-spirocyclic ring: synthetic studies on lepadiformines
- PB(D)-16** Kyohei Uchida, Yuichiro Kawamoto, Toyoharu Kobayashi, Hisanaka Ito
Synthetic study of tricyclic meroterpenoid Applanatumol B

- PB(D)-17** Sang-Il Kwon, **Seul Lee, Yue Yuan, Jung Eun Lee, Wei Sun, Ju-Young Lee, Taek-Soo Kim, Seung-Yong Seo**
Synthesis of 1,2,3-Triazole and Pyrazole Analogues as Bioisosteres of Biphenyl-Neolignans
- PB(D)-18** Sanha Lee, **Subedi Lalita, Myunghoe Heo, Sang-Il Kwon, Jung eun Lee, Seul Lee, Ju-young Lee, Seung Yong Seo**
Neuroprotective Activity of 5,7-Disubstituted Homoisoflavonoid Derivatives
- PB(D)-19** Xiang Fei, **Sanha Lee, Seung Yong Seo**
Design and synthesis of xanthone analogs based on α -mangostin analogs as new anti-cancer agents
- PB(D)-20** Ju young Lee, **Bit Lee, Xiang Fei, Timothy W. Corson, Seung Yong Seo**
Design and Synthesis of Antiangiogenic Photoaffinity Probes of Homoisoflavonoids
- PB(D)-21** Yue Yuan, **Jung Eun Lee, Seung-Yong Seo**
Asymmetric synthesis of hydroxywilfordic acid, pyridine-containing subunit of anti-HIV sesquiterpene pyridine alkaloids
- PB(D)-22** Bit Lee, **Xiang Fei, Timothy W. Corson, Seung Yong Seo**
First Synthesis of the Antiangiogenic Homoisoflavanone, Cremastranone
- PB(D)-23** Seul Lee, **Bit Lee, Xiang Fei, Yue Yuan, Halesha D. Basavarajappa, Timothy W. Corson, Seung Yong Seo**
Synthesis and Biological Evaluation of Novel Homoisoflavonoids for Retinal Neovascularization
- PB(D)-24** Myunghoe Heo, **Bit Lee, Seul Lee, Timothy W. Corson, Seung-Yong Seo**
Chemical Proteomics Using Photoaffinity Probes Reveals New Therapeutic Target for Ocular Neovascularization
- PB(D)-25** Yi-Ching Lin, **Yi-Chi Yang, Yen-Ku Wu**
A Chiral Auxiliary-Based Route to Antipodes of Amaryllidaceae Alkaloids: Formal Synthesis of (-)-Crinine and (+)-Vittatine
- PB(D)-26** Daria Anna Baut, **Daisuke Watanabe, Rina Suzuki, Toyonobu Usuki**
Synthetic Study of Cyclic Desmosine
- PB(D)-27** Hiroyuki Hakamata, Hirofumi Ueda, Hidetoshi Tokuyama
Development of AgNTf₂-Mediated Amination/Cyclization Cascade and Application to Total Synthesis of (+)-Pestalazine B
- PB(D)-28** Hayato Fukuda, **Ryuta Muromoto, Toru Hirao, Koki Hirashima, Mizuki Watanabe, Hiroshi Abe, Mitsuhiro Arisawa, Jun Ishihara, Tadashi Matsuda, Satoshi Shuto**
Design, Synthesis and Biological Evaluation of Cyclopropane Analogues of Resolvin E2 and Deoxy-Resolvin E2
- PB(D)-29** Iwao Hachiya, **Kenta Nakamura, Masaya Hara, Koki Sato, Makoto Shimizu**
Synthesis of β -Lactams Having Multi-Functional Groups through Tandem 1,4- and 1,6- Addition Reactions of Ketene Silyl Acetals to Dialkynyl Imines
- PB(D)-30** H. D. P. Wathsala, **Makoto Sako, Kenta Kishi, Shinobu Takizawa, Hiroaki Sasai**
Catalytic Enantioselective Sequential C-C Bond Forming Reactions in Flow System

- PB(D)-31** **Yuko Wakahara, Takahiro Noro, Juri Sakata, Hirofumi Ueda, Hidetoshi Tokuyama**
Construction of Spirocyclic Tetrahydroquinolines and Application to Synthetic Studies on Sespenine
- PB(D)-32** **Shuntaro Sato, Yuki Fukuda, Yusuke Ogura, Eunsang Kwon, Shigefumi Kuwahara**
Synthetic Studies on Strophasterols and Glaucoosterol A
- PB(D)-33** **Kunihiro Matsumura, Hiroaki Yoshida, Tomoyuki Koyama, Toshiki Niwa, Keisuke Nishikawa, Yoshiki Morimoto**
Total Synthesis of Histronicotoxin 235A
- PB(D)-34** **Kazuma Fuku, Kohei Yasuda, Yoko Yasuno, Tetsuro Shinada**
Total Synthesis of Ustiloxin D
- PB(D)-35** **Marie Doi, Hitoshi Tamiaki**
Synthesis of Chlorophyll Derivatives Fused with an Additional *exo*-five-membered Ring
- PB(D)-36** **Yusuke Hanaki, Yusuke Araki, Yoshihiko Nokura, Atsuo Nakazaki, Masaki Kita, Kazuhiro Irie, Toshio Nishikawa**
Synthetic studies on oscillatoxin D and its analogs
- PB(D)-37** **Yeonwoo Jeong, Sung Min Kang**
Antifouling Coating of Various Surfaces with the Sulfated Polymer Fucoidan
- PB(D)-38** **Junichi Mihara, Shinobu Sasago, Shigetaka Nakamura, Kenzo Fujimoto**
Ultrafast photo-cross-linker with visible light and its application for living cells
- PB(D)-39** **Junichiro Kishi, Emi Kashiwabara, Toshihiko Aiba, Shinsuke Inuki, Yukari Fujimoto**
Convergent Synthesis of Digalactosyl Diacylglycerols
- PB(D)-40** **Sho Nakagawa, Atsushi Shimoyama, Koichi Fukase**
Chemical synthesis and function of *Campylobacter jejuni* lipid A
- PB(D)-41** **Atsushi Shimoyama, Keisuke Mizote, Tomoya Uto, Flaviana Di Lorenzo, Naoko Shibata, Yukari Fujimoto, Jun Kunisawa, Hiroshi Kiyono, Antonio Molinaro, Koichi Fukase**
Synthesis and immunological function of symbiotic bacterial lipopolysaccharide partial structures
- PB(D)-42** **Matthew J. Piggott, Glenn A. Pullella**
Synthesis of the Anthraquinone Natural Products Eucapsitrione and Albopunctatone
- PB(D)-43** **Katsumasa Fujiki, Katsunori Tanaka**
Three-component-labeling click probes for molecular targeted radiotherapeutics
- PB(D)-44** **Eunjoon Park, Cheol-Hong Cheon**
Total Syntheses of (\pm)- and (+)-Goniomitine via Intramolecular Imino-Stetter Reaction
- PB(D)-45** **Young-In Jo, Cheol-Hong Cheon**
Total Synthesis of Phenanthroindolizidine Alkaloids via Iterative Suzuki-Miyaura Coupling Reaction
- PB(D)-46** **Yuji Kurimoto, Koichi Mitsudo, Seiji Suga**
Efficient Synthesis of Thienoacene Derivatives via Construction of Oxygen or Sulfur-Bridged Bithiophene Skeletons and the following Cyclization