

ICPAC2018 – Sophanith Ballroom 1st Floor

Wednesday, 7 March 2018	
Thematic Session: Organic and Biomolecular Chemistry (OBC)	
Venue: Sophanith Ballroom 1st Floor, Lobby Level	
Session Ia	Chairperson: Prof Kotora Martin Charles University in Prague, Czechia
1030 – 1100	OBC 01 (Keynote Lecture) Meta-Mercuration as a Direct Way to Unusual Derivatives of Calix[4]arenes Pavel Lhoták UCT Prague, Czech Republic
1100 – 1120	OBC 02 (Invited Lecture) Story of SF5-Pyridines Norio Shibata Nagoya Institute of Technology, Japan
1120 – 1140	OBC 03 (Invited Lecture) Microarray and NMR Study of Core M1 Glycan Modified α-Dystroglycan Fragments Hiroshi Hinou Hokkaido University, Japan
1140 – 1200	OBC 04 (Invited Lecture) Detailed Mechanism and Application of Selective Lithium-Bromine Exchange on the Hexaphenylbenzene Framework Tatsuo Kojima The University of Tokyo, Japan
1200 – 1220	OBC 05 (Invited Lecture) Total Synthesis of Antrimycin A and D Tetsuro Shinada Osaka City University, Japan
1220 – 1240	OBC 06 (Invited Lecture) Azobenzene-tethered DNA for the Photo-regulation of DNA Functions Hiroyuki Asanuma Nagoya University, Japan
1240 - 1300	OBC 51 (Invited Lecture) Amide base generated in situ from TMAF and N(TMS)₃ catalyzed deprotonative functionalization Masanori Shigeno Tohoku University, Japan
1300 – 1400	Lunch / Posters
Session Ib	Chairperson: Prof Dr Yang Farina Abdul Aziz National University of Malaysia, Malaysia
1400 – 1420	OBC 09 (Invited Lecture) Determining Nonempirical Absolute Configuration of Chiral Mono-alcohols Using Bis(zinc porphyrin) as a CD-Sensitive Bidentate Host Molecule Satoshi Hayashi Meiji Pharmaceutical University, Japan
1420 – 1440	OBC 08 (Invited Lecture) Total Synthesis of Phaeosphaerides A and B Kenichi Kobayashi Meiji Pharmaceutical University, Japan
1440 – 1500	OBC 07 (Invited Lecture) A Versatile Synthesis of Renieramycin Marine Natural Products. Masashi Yokoya Meiji Pharmaceutical University, Japan

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1500 – 1520	OBC 10 (Invited Lecture) Total Synthesis of Brasilicardins A and C Masahiro Anada Musashino University, Japan
1520 – 1540	OBC 11 (Invited Lecture) Synthesis of 3,4-Fused Tricyclic Indoles Using Transition Metal Catalysis Tetsuhiro Nemoto Chiba University, Japan
1540 – 1600	OBC 12 (Invited Lecture) Construction of “metathesase” with Protein Scaffold and Potential Application of Olefin Metathesis as a Biochemical Tool Takashi Matsuo Nara Institute of Science and Technology, Japan
1600 – 1630	Refreshments
Session Ic	Chairperson: Prof Dr Yang Farina Abdul Aziz National University of Malaysia, Malaysia
1630 – 1650	OBC 13 (Invited Lecture) Mechanistic Insight of Asymmetric Autocatalysis of Pyrimidyl Alkanol by Structure Analysis of Zinc Alkoxide Complexes Arimasa Matsumoto Nara Women's University, Japan
1650 – 1710	OBC 14 (Invited Lecture) Heme Uptake Proteins from Pathogenic Vibrio cholera Takeshi Uchida Hokkaido University, Japan
1710 – 1730	OBC 15 (Invited Lecture) C(sp³)-H Bond Functionalization Mediated by Hydride Shift/Cyclization System Keiji Mori Tokyo University of Agriculture and Technology, Japan
1730 - 1750	OBC 47 (Invited Lecture) Hypervalent Iodine-Induced Silyl Enolate Coupling for New C-C Bond-Forming Reaction Toshifumi Dohi Ritsumeikan University, Japan
1750 - 1810	OBC 72 (Award Lecture) Atropisomeric Chiral Dienes in Asymmetric Catalysis Masamichi Ogasawara Tokushima University, Japan
1750	End

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Thursday, 8 March 2018	
Thematic Session: Organic and Biomolecular Chemistry (OBC)	
Venue: Sophanith Ballroom 1st Floor, Lobby Level	
Session Ig	Chairperson: Prof Pavel Lhoták UCT Prague, Czech Republic
0900 – 0930	OBC 31 (Keynote Lecture) Natural Products Research: Chemical Synthesis and Ionic Liquid Toyonobu Usuki Sophia University, Japan
0930 – 0950	OBC 32 (Invited Lecture) Optically Active Conjugated Compounds Based on Planar Chirality Yasuhiro Morisaki Kwansei Gakuin University, Japan
0950 - 1010	OBC 62 (Invited Lecture) Drug Discovery of Vancomycin Dimer against Vancomycin-Resistant Enterococcal Infections Kaori Itto Tohoku University, Japan
1010 –1030	Refreshments
1030 – 1245	Plenary Lectures 1, 2, & 3 <i>Venue: Sophanith Ballroom 1st Floor, Lobby Level</i>
1245 – 1400	Lunch
Session Ih	Chairperson: Dr. Neth Barom Cambodian Chemical Society, Cambodia
1400 – 1420	OBC 33 (Invited Lecture) Niobium-catalyzed [2+2+2] Cycloaddition of Alkynes, Nitriles, and Alkenes Yasushi Obora Kansai University, Japan, Japan
1420 – 1440	OBC 34 (Invited Lecture) Ladder-Type Fused Benzofurans and Indoles Synthesized by Transition-Metal-Catalyzed Intramolecular Cascade Cyclization Takanori Matsuda Tokyo University of Science, Japan
1440 – 1500	OBC 35 (Invited Lecture) Acceleration of Catalytic Site-Selective Acylation of Carbohydrates by in Situ Couteranion Exchange of Acylpyridinium Intermediates Yoshihiro Ueda Kyoto University, Japan
1500 – 1520	OBC 36 (Invited Lecture) Functionalized CpRh(III) Complexes; Preparation and Catalytic Activity toward C–H Functionalization Yu Shibata Tokyo Institute of Technology, Japan
1520– 1540	OBC 37 (Invited Lecture) Proximity-Dependent Tyrosine Chemical Labeling Shinichi Sato Tokyo Institute of Technology, Japan
1540 – 1600	OBC 38 (Invited Lecture) QM/MM Studies of the Reaction Mechanisms of Metalloenzymes Megumi Kayanuma University of Tsukuba, Japan
1600 – 1630	Refreshments

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Session li	Chairperson: Dr. Neth Barom Cambodian Chemical Society, Cambodia
1630 – 1650	OBC 39 (Invited Lecture) The Proton NMR Spectra of the Glyceride CH₂ and CH Groups of Triacylglycerols in Edible Oils. Application to the Analysis of the Fatty Acid Composition at the sn-2 position of the Triacylglycerols in the Oils Ng Soon University of Malaya, Malaysia
1650 – 1710	OBC 40 (Invited Lecture) New Insights of Naturally Occurring O₂-tolerant [NiFe]hydrogenase Ki-Seok Yoon Kyushu University, Japan
1710 – 1730	OBC 41 (Invited Lecture) Total Synthesis of Ustiloxin D Yoko Yasuno Osaka City University, Japan
1730 – 1750	OBC 59 (Invited Lecture) Reaction Discovery with Nickel Catalysts Jianrong Zhou Nanyang Technological University, Singapore
1750 – 1810	OBC 55 (Invited Lecture) Development of Crystalline Photochromic Compounds Involving Intramolecular Hydrogen Bond Masatsugu Taneda Osaka Kyoiku University, Japan
1810 – 1830	OBC 28 (Oral Presentation) Optical Properties of 1-[(3,6-Di-tert-butyl-1-carbazolyl)azo]-4-nitrobenzene Involving N-H...N Intramolecular Hydrogen Bond Mai Morimoto Osaka Kyoiku University, Japan
1830	End

Saturday, 10 March 2018

Thematic Session:

Organic and Biomolecular Chemistry (OBC)

Venue: Sophanith Ballroom 1st Floor, Lobby Level

Session lj	Chairperson: Assoc Prof Dr Sharon Teh Malaysian Institute of Chemistry, Malaysia
0900 – 0920	OBC 42 (Award Lecture of ISPAC2017) Unified Total Synthesis of Madangamine Alkaloids Takaaki Sato Keio University, Japan
0920 – 0940	OBC 43 (Award Lecture of ISPAC2017) Direct Catalytic Asymmetric Addition of Various Nucleophiles to N-Unprotected Ketimines Takashi Ohshima Kyushu University, Japan
0940 – 1000	OBC 44 (Invited Lecture) PEG Hydrogels Utilizing DNA Quadruplexes as Crosslinking Points Akinori Kuzuya Kansai University, Japan
1000 – 1030	Refreshments

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Session I k	Chairperson: Assoc Prof Dr Sharon Teh Malaysian Institute of Chemistry, Malaysia
1030 – 1050	OBC 45 (Invited Lecture) Nickel-Catalyzed Oxysulfonylation of Alkenes Using Sodium Sulfinates Nobukazu Taniguchi Fukushima Medical University, Japan
1050 – 1110	OBC 46 (Invited Lecture) Regioselective C-H Trifluoromethylation of 6-Membered Heteroaromatic Compounds Yoichiro Kuninobu Kyushu University, Japan
1110 – 1130	OBC 71 (Invited Lecture) Synthetic assembly of sugar moieties using biotin-avidin interaction Koji Matsuoka Saitama University, Japan
1130 – 1150	OBC 23 (Invited Lecture) Development of Cellulose-Based Chiral Fluorescent Sensors Tomoyuki Ikai Kanazawa University, Japan
1150 – 1210	OBC 49 (Invited Lecture) Direct Benzyne Generation from Phenol Derivatives: Synthesis of Aromatic Primary Amines Takashi Ikawa Osaka University, Japan
1210 – 1230	OBC 50 (Invited Lecture) The Enhanced Enantio-recognition of Chiral Secondary Alcohols with Chiral Acyltriazolium by Formation of Alcohol–Carboxylate Complexes Ken-ichi Yamada Tokushima University, Japan
1230 – 1400	Lunch / Posters
Session II	Chairperson: Takashi Ohshima Kyushu University, Japan
1440 – 1500	OBC 53 (Invited Lecture) Synthesis of Iodinated-Organic Salts and Diversity of Iodine-Iodine Interaction in Their Crystal Structures Shoji Matsumoto Chiba University, Japan
1500 – 1520	OBC 54 (Invited Lecture) Cholesterol Interaction with Steroidal Saponins in Bilayer Membrane Shinya Hanashima Osaka University, Japan
1520 – 1540	OBC 56 (Invited Lecture) Elastic Organic Single Crystals based on Fluorescent Molecules Shotaro Hayashi National Defense Academy of Japan, Japan
1600 – 1630	Refreshments
1630	End