

**The 10<sup>th</sup> International Conference on Cutting-Edge Organic Chemistry in Asia  
(ICCEOCA-10)**  
**The 1<sup>st</sup> Advanced Research Network on Cutting-Edge Organic Chemistry in Asia  
(ARNCEOCA-1)**

**Program Overview**

November 2 (Mon) to November 5 (Thu), 2015  
85-SKY TOWER HOTEL, KaoHsiung, Taiwan

Time	2-Nov-15 (Mon)	3-Nov-15 (Tue)	4-Nov-15 (Wed)	5-Nov-15 (Thu)	
08:30-08:50		<b>Registration</b> (41F, Diamond Ballroom)			
08:50-09:10		<b>Opening Ceremony</b>	<b>IL-13</b> Cheon-Gyu Cho	<b>IL-27</b> Tamio Hayashi	
09:10-09:30		<b>IL-01</b> Sanzhong Luo	<b>IL-14</b> Darunee Soorukram	<b>IL-28</b> Qian Cai	
09:30-09:50		<b>IL-02</b> Ken Ishigami	<b>IL-15</b> Jung Min Joo	<b>IL-29</b> Rong-Jie Chein	
09:50-10:20		<b>One-minute Oral Session A</b>	<b>One-minute Oral Session C</b>	<b>Break</b>	
10:20-10:40		<b>Poster Session A and Break</b>	<b>Poster Session C and Break</b>	<b>IL-30</b> Kenichi Fujita	
10:40-11:00				<b>IL-31</b> Masahiko Yamaguchi	
11:00-11:20		<b>IL-03</b> Choon Hong Tan	<b>IL-16</b> Shih-Ching Chuang	<b>Junior-1</b>	
11:20-11:40		<b>IL-04</b> Mohd Abdul-Rahman	<b>IL-17</b> Zhuo Tang	<b>Junior-2</b>	
11:40-12:00		<b>Group Photo</b>	<b>IL-18</b> Hongbin Zhai	<b>Closing Remarks</b>	
12:00-13:20		<b>Luncheon</b>	<b>Business meeting I</b>	<b>Luncheon</b>	<b>Business meeting III</b>
13:20-13:40			<b>IL-05</b> JEOL Ltd.	<b>IL-19</b> JEOL Ltd.	<b>Excursion</b>
13:40-14:00			<b>IL-06</b> Soji Shimizu	<b>IL-20</b> Yongxiang Chen	
14:00-14:20			<b>IL-07</b> Shinji Toyota	<b>IL-21</b> Xuechen Li	
14:20-14:40		<b>IL-08</b> Poonsakdi Ploypradith	<b>IL-22</b> Shou-Fei Zhu		
14:40-15:10		<b>One-minute Oral Session B</b>	<b>One-minute Oral Session D</b>		
15:10-15:50	<b>Arrival and Check-in to Hotel</b>	<b>Poster Session B and Break</b>	<b>Poster Session D and Break</b>		
15:50-16:10		<b>IL-09</b> Jianwei Sun	<b>IL-23</b> Bor-Cherng Hong		
16:10-16:30		<b>IL-10</b> Weiping Su	<b>IL-24</b> Soon Hyeok Hong		
16:30-16:50		<b>IL-11</b> Hsyueh-Liang Wu	<b>IL-25</b> Hyun-Joon Ha		
16:50-17:10	<b>Registration</b> (38F, Opal Ballroom)	<b>IL-12</b> Aiwen Lei	<b>IL-26</b> Qilong Shen		
17:10-18:00		-	<b>Business meeting II</b>		
18:00-21:00	<b>Reception</b> (38F, Opal Ballroom)	<b>Friendship Dinner</b>	<b>Friendship Dinner</b>	<b>Award Ceremony and Banquet</b> (45F, Cosmos Ballroom)	

## Scientific Program

### November 2, 2015 (Monday)

15:10~	Arrival and Check-in to Hotel
16:50-18:00	Registration (38F, Opal Ballroom)
18:00-21:00	Reception (38F, Opal Ballroom)

### November 3, 2015 (Tuesday)

08:30-08:50	Registration (41F, Diamond Ballroom)
08:50-09:10	Opening Ceremony

#### *Session 1 Chairperson: Minoru Isobe, National Sun Yat-sen University*

09:10-09:30 IL-1	<b>Sanzhong Luo, Chinese Academy of Sciences</b> Asymmetric Enamine Catalysis with beta-Ketocarbonyl Compounds
09:30-09:50 IL-2	<b>Ken Ishigami, University of Tokyo</b> Enantioselective syntheses of Sch642305 and Glabramycin B, antibacterial 10-membered lactones fused with 4-oxygenated cyclohexanone
09:50-10:20	One-minute oral Session A
10:20-11:00	Poster Session A and Break

#### *Session 2 Chairperson: Guoqiang Lin, Chinese Academy of Sciences*

11:00-11:20 IL-3	<b>Choon Hong Tan, Nanyang Technological University</b> Chiral Pentanidiums as Phase Transfer Catalysts
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11:20-11:40  
IL-4 **Mohd Abdul-Rahman**, *Universiti Putra Malaysia*  
Octapeptide Catalyst Based on Aldo-Ketoreductase  
for Asymmetric Aldol Reaction

11:40-12:00 Group Photo

12:00-13:20 Luncheon

*Session 3 Chairpersons: Yoshiharu Iwabuchi, Tohoku University*  
*Sanghee Kim, Seoul National University*

13:20-13:40  
IL-5 **Kenny Yang**, *JEOL Ltd.*  
Innovated and variable developments in NMR  
applications

13:40-14:00  
IL-6 **Soji Shimizu**, *Kyushu University*  
Synthesis of Novel Dimeric aza-BODIPY Analogues  
from Lactams and Their Intriguing Optical and  
Electrochemical Properties

14:00-14:20  
IL-7 **Shinji Toyota**, *Tokyo Institute of Technology*  
Chemistry of Anthracene-Acetylene Oligomers

14:20-14:40  
IL-8 **Poonsakdi Ploypradith**, *Chulabhorn Research Institute*  
Quinone Methides: Formation of Chromans and  
Diarylmethanes

14:40-15:10 One-minute oral Session B

15:10-15:50 Poster Session B and Break

*Session 4 Chairpersons: Chien-Hong Cheng, National Tsing Hua University*  
*Yixin Lu, National University of Singapore*

15:50-16:10  
IL-9 **Jianwei Sun**, *Hong Kong University of Science and  
Technology*  
Regio- and Stereoselective Functionalization of  
Electron-Rich Alkynes

- 16:10-16:30  
IL-10                      **Weiping Su**, *Chinese Academy of Sciences*  
Decarboxylative Cross-Coupling Reactions
- 16:30-16:50  
IL-11                      **Hsyueh-Liang Wu**, *National Taiwan Normal University*  
Rhodium/Chiral Diene Complexes in the Catalytic  
Asymmetric Arylation of  $\beta$ -Pyrazole-1-yl Acrylates
- 16:50-17:10  
IL-12                      **Aiwen Lei**, *Wuhan University*  
Radical C-H Activation / Oxidative Coupling,  
Mechanism and Reactions
- 18:00-20:30              Friendship Dinner

**November 4, 2015 (Wednesday)**

*Session 5 Chairperson: Sunggak Kim, Ewha Womans University*

- 08:50-09:10  
IL-13                      **Cheon-Gyu Cho**, *Hanyang University/Chemistry*  
New Directions of the Fischer Indole Synthesis
- 09:10-09:30  
IL-14                      **Darunee Soorukram**, *Mahidol University*  
Asymmetric Synthesis of Lignan Natural Products  
and Organofluorine Compounds
- 09:30-09:50  
IL-15                      **Jung Min Joo**, *Pusan National University*  
Catalytic C-H Functionalization Reactions of  
Pyrazoles
- 09:50-10:20              One-minute oral Session C
- 10:20-11:00              Poster Session C and Break

*Session 6 Chairperson: Chun-Chen Liao, Chung Yuan Christian University*

- 11:00-11:20  
IL-16                      **Shih-Ching Chuang**, *National Chiao Tung University*  
Conjugate alpha-Addition of Phosphines to  
Oligoynoates

- 11:20-11:40  
IL-17                      **Zhuo Tang**, *Chinese Academy of Sciences*  
Bio-inspired Alkyl transfer reactions base on  
Alkyl-HEH
- 11:40-12:00  
IL-18                      **Hongbin Zhai**, *Lanzhou University*  
Total Synthesis of (+)-Gelsemine
- 12:00-13:20              Luncheon
- Session 7 Chairpersons: Ying-yeung Yeung, The Chinese U. of Hong Kong*  
*Teck Peng Loh, Nanyang Technological University*
- 13:20-13:40  
IL-19                      **Carlos Chiu**, *JEOL Ltd.*  
The Beauty of Structural analysis--using  
MALDI-TOF-TOF tandem MS
- 13:40-14:00  
IL-20                      **Yongxiang Chen**, *Tsinghua University*  
Synthesis of Ras proteins with post-translational  
modifications
- 14:00-14:20  
IL-21                      **Xuechen Li**, *University of Hong Kong*  
Chemoselective reactions for total synthesis of  
proteins and native protein modifications
- 14:20-14:40  
IL-22                      **Shou-Fei Zhu**, *Nankai University*  
The Development of Chiral Proton Shuttle Catalysts  
in Transition-Metal Catalysis
- 14:40-15:10              One-minute oral Session D
- 15:10-15:50              Poster Session D and Break
- Session 8 Chairpersons: Ang Li, Chinese Academy of Sciences*  
*Noorsaadah Abd-Rahman, University of Malaya*
- 15:50-16:10  
IL-23                      **Bor-Cherng Hong**, *National Chung Cheng University*  
Merging Organocatalysis with Photoredox Catalysis.  
Observation of a New Approach to Nitrones through  
Cascade Reaction.

- 16:10-16:30  
IL-24                      **Soon Hyeok Hong**, *Seoul National University*  
Development of Atom-Economical C–N Bond  
Formation Reactions via Dehydrogenative Alcohol  
Activation
- 16:30-16:50  
IL-25                      **Hyun-Joon Ha**, *Hankuk University of Foreign Studies*  
Preparation and Synthetic Application of Aziridinium  
Ions
- 16:50-17:10  
IL-26                      **Qilong Shen**, *Chinese Academy of Sciences*  
Electrophilic Reagents for Trifluoromethylthiolation  
and Difluoromethylthiolation
- 18:00-20:30              Friendship Dinner

**November 5, 2015 (Thursday)**

*Session 9 Chairperson: Poonsakdi Ploypradith, Chulabhorn Research  
Institute*

- 08:50-09:10  
IL-27                      **Tamio Hayashi**, *National University of Singapore*  
Recent Advances in Rhodium-Catalyzed Asymmetric  
Arylation
- 09:10-09:30  
IL-28                      **Qian Cai**, *Chinese Academy of Sciences*  
Transition-Metal-Catalyzed Enantioselective Aryl  
C-Heteroatom Coupling Reactions
- 09:30-09:50  
IL-29                      **Rong-Jie Chein**, *Academia Sinica*  
Chiral TetraHydroThiophene Ligands in Asymmetric  
Catalysis
- 09:50-10:20              Break

*Session 10 Chairperson: Beyong Moon Kim, Seoul National University*

- 10:20-10:40  
IL-30                      **Kenichi Fujita**, *Kyoto University*  
Hydrogen Production from a Methanol-Water  
Solution Catalyzed by a Water-Soluble Iridium  
Complex under Mild Conditions

10:40-11:00 **Masahiko Yamaguchi, Tohoku University**  
IL-31 Molecular Switching Involving Metastable State Using  
Synthetic Chiral Helicene Oligomers

*Session 11 Chairperson: Tun-Cheng Chien, National Taiwan Normal  
University*

11:00-11:20 Junior ICCEOCA-5 Presentation-1

11:20-11:40 Junior ICCEOCA-5 Presentation-2

11:40-12:00 Closing Remarks

12:00-13:20 Luncheon

13:00-17:30 Excursion

18:00-20:30 Award Ceremony and Banquet (45F, Cosmos Ballroom)

## Poster Presentation

### One-minute Oral Session A / Poster Session A

November 3, 2015 (Tuesday) 09:50~10:20 / 10:20~11:00

*Chairperson: Atsushi Nishida, Chiba University*

- PO-A1      **Haifeng Du**, *Chinese Academy of Sciences*  
Frustrated Lewis Pairs Catalyzed Highly Stereoselective Hydrogenations
- PO-A2      **Liangqiu Lu**, *Central China Normal University*  
Nucleophilic Iron Catalysis: A Reverse Electron-Demanding, Decarboxylative (4+1) Cyclization via  $\sigma$ -Enyl-Fe Intermediate
- PO-A3      **Shao Qin Yao**, *National University of Singapore*  
Recent Advances in Catalomics
- PO-A4      **Wenjun Tang**, *Chinese Academy of Sciences*  
Ligand Design for Sterically Hindered, Functionalized, and Asymmetric Cross-Couplings
- PO-A5      **Biing-Jiun Uang**, *National Tsing Hua University*  
Asymmetric Synthesis of (+)-2-epi- $\alpha$ -Allokainic Acid
- PO-A6      **Kiyosei Takasu**, *Kyoto University*  
An Arylative Ring Expansion Cascade of Fused Cyclobutenes via Short-lived Cycloakladienes Intermediates with Planar Chirality
- PO-A7      **Shinji Harada**, *Chiba University*  
Catalytic Asymmetric Nazarov Cyclization of Heteroaryl Vinyl Ketones through a Crystallographically Defined Chiral Dinuclear Nickel Complex
- PO-A8      **Yu Zhao**, *National University of Singapore*  
Catalytic Enantioselective Amination of Alcohols



- PO-A9      **Yuki Naganawa, Nagoya University**  
Cu(II)-Catalyzed Enantioselective Oxygen Atom Transfer  
from Davis' Oxaziridine to Oxindoles with Chiral  
Phenanthroline Ligands
- PO-A10     **Gavin Tsui, Chinese University of Hong Kong**  
The Organocatalytic Asymmetric Prins Cyclization
- PO-A11     **Cheol-Hong Cheon, Korea University**  
Diastereomeric Resolution of racemic-Biaryl Boronic  
Acids: A New Method to Access Axially Chiral Biaryl  
Compounds
- PO-A12     **Takashi Ohshima, Kyushu University**  
Direct Catalytic Chemoselective Amination: A Concise  
Route to  $\alpha$ -Amino Acid Derivatives
- PO-A13     **Masahiro Terada, Tohoku University**  
Kinetic Resolution of Racemic Amino Alcohols through  
Intermolecular Acetalization Catalyzed by Chiral Brønsted  
Acid
- PO-A14     **Ken Leung, The Hong Kong Baptist University**  
Switching and Fluorescent Observation of Rotaxane Dual  
Organocatalyst
- PO-A15     **Do Hyun Ryu, Sungkyunkwan University**  
Catalytic Asymmetric C-H insertion Reactions with  
Diazocompounds
- PO-A16     **Chien-Tien Chen, National Tsing Hua University**  
Optically Switchable Helical DMAPs in Asymmetric  
Catalysis of Medicinal Interests
- PO-A17     **Qixiang Guo, Southwest University**  
Catalytic Asymmetric Activation of Amino Esters by  
Aldehydes
- PO-A18     **Yong Huang, Peking University**  
NHC is a general non-covalent organocatalyst

- PO-A19      **Yixin Lu**, *National University of Singapore*  
Amino Acid-based Phosphine Catalysts
- PO-A20      **Sensuke Ogoshi**, *Osaka University*  
Asymmetric Synthesis of Benzoxasiloles via  $\eta^2$ -Aldehyde  
Chiral Nickel(0) Complex and Reaction Path
- PO-A21      **Satoshi Yokosima**, *Nagoya University*  
Formal Synthesis of Sarain A
- PO-A22      **Takehiko Yoshimitsu**, *Osaka University*  
Strategic Free Radical Transformations in Natural Product  
Synthesis
- PO-A23      **Sung Ho Kang**, *KAIST*  
Synthetic Studies on Inostamycin A
- PO-A24      **Juthanat Kaeobamrung**, *Prince of Songkla University*  
Chemistry of  $\alpha$ -Chloroaldoxime O-methanesulfonates in  
Synthesis of 2-Bromo Oxazolines and Trisubstituted  
Ureas
- PO-A25      **Yean-Kee Lee**, *University of Malaya*  
Synthesis of benzo-1,3,4-oxadiazepine from  
N-benzylidene-2-hydroxybenzohydrazides via Brønsted  
acid catalysed oxidative cyclisation
- PO-A26      **Wen-Wei Lin**, *National Taiwan Normal University*  
Preparation of Furo[3,2-c]coumarins Appending  
Phosphorus Ylides from  
3-Cinnamoyl-4-hydroxy-2H-chromen-2-ones and Acyl  
Chlorides via Bu<sub>3</sub>P-mediated C-Acylation/Cyclization
- PO-A27      **Xuefeng Jiang**, *East China Normal University*  
Sulfur Atom Transfer (SAT) Reaction
- PO-A28      **Wen-Hua Chiou**, *National Chung Hsing University*  
Enantiomeric Syntheses of Piperidine, Indolizidine and  
Dendrobatid alkaloid epibatidine

One-minute Oral Session B / Poster Session B

November 3, 2015 (Tuesday) 14:40~15:10 / 15:10~15:50

*Chairperson: Zhujun Yao, Nanjing University*

- PO-B1      **Minghua Xu**, *Chinese Academy of Sciences*  
Rhodium(I)-Catalyzed Highly Enantioselective Insertion of Carbenoid into B-H Bonds: Efficient Access to Functionalized Chiral Organoboranes
- PO-B2      **Pengfei Xu**, *Lanzhou University*  
Dual C-H Functionalization via Visible-Light Induced Oxidation and Inverse Electron-Demand Aza-Diels-Alder Reaction
- PO-B3      **Tiow-Gan Ong**, *Academia Sinica*  
Adding Ligand-and-Main Group Element Dimensions to The C-H Bond Activation
- PO-B4      **Masaya Sawamura**, *Hokkaido University*  
Ni-Catalyzed Amination of Chloroarenes: Solving Problems with Polystyrene-Bisphosphine Hybrid Ligands
- PO-B5      **Zhaomin Hou**, *RIKEN*  
Catalytic C-H Bond Functionalization by Rare-Earth Catalysts
- PO-B6      **Lei Jiao**, *Tsinghua University*  
Revisiting the Radical Initiation Mechanism of the Diamine-Promoted Transition-Metal-Free Cross-Coupling Reaction
- PO-B7      **Seung Hwan Cho**, *POSTECH*  
Copper-Catalyzed Chemo- and Regioselective Allylic Alkylation Reaction
- PO-B8      **Hideo Nagashima**, *Kyushu University*  
Highly Efficient Iridium Catalysts for Preparation of  $\pi$ -Conjugated Enamines from Amides
- PO-B9      **Ryo Takita**, *RIKEN*  
Cross-coupling Reaction of Monocarba-closo-dodecaborate for Innovative Functions

- PO-B10      **Naohiko Yoshikai**, *Nanyang Technological University*  
Palladium-Catalyzed Condensation of  
Alkynylbenziodoxoles, Carboxylic Acids, and Imines for  
Modular Synthesis of Multisubstituted Furans
- PO-B11      **Beyong Moon Kim**, *Seoul National University*  
Magnetically reusable bimetallic Pd–Pt–Fe<sub>3</sub>O<sub>4</sub> nanoflakes  
as catalysts for reduction of nitroarenes
- PO-B12      **Yoshiaki Nakao**, *Kyoto University*  
para-Selective Alkylation of Benzamides and by  
Cooperative Nickel/Aluminum Catalysis
- PO-B13      **Chin-Fa Lee**, *National Chung Hsing University*  
Synthesis of Thioesters through C-H Functionalization
- PO-B14      **Jin Kyoon Park**, *Pusan National University*  
Pd-catalyzed direct arylations of 1,2-azolo[1,5-a]pyridines  
and the synthesis of 2,6-disubstituted pyridines
- PO-B15      **Ken Tanaka**, *Tokyo Institute of Technology*  
(Electron-Deficient  $\eta^5$ -Cyclopentadienyl)Rhodium(III)  
Complex-Catalyzed Oxidative Alkenylation of C(sp<sup>2</sup>)-H  
Bond of Anilides with Aliphatic Alkenes Under Ambient  
Conditions
- PO-B16      **Ming-Jung Wu**, *National Sun Yat-sen University*  
Transition Metal-Catalyzed Cascade Cyclization of  
Aryldiynes to Halogenated  
Benzo[b]naphtho[2,1-d]thiophene Derivatives
- PO-B17      **Jen-Chieh Hsieh**, *Tamkang university*  
Transformation of Biaryl Nitriles to form the  
Phenanthridine Derivatives
- PO-B18      **Shigeki Matsunaga**, *Hokkaido University*  
Cp\*Co(III)-Catalysis for C-H Bond Functionalization
- PO-B19      **Junfa Wei**, *Shaanxi Normal University*  
A New Synthetic Strategy of  
Hexa-cata-hexabenzocoronenes

- PO-B20 **Wing-Yiu Yu, *Hong Kong Polytechnic University***  
[Rh<sup>III</sup>(Cp\*)]-Catalyzed Cascade Arylation and Chlorination of  $\alpha$ -Diazocarbonyl Compounds with Arylboronic Acids and N-Chlorosuccinimide for Facile Synthesis of  $\alpha$ -Aryl- $\alpha$ -chloro Carbonyl Compounds
- PO-B21 **Yoshiharu Iwabuchi, *Tohoku University***  
AZADO-CuCl/bpy/DMAP-Air Enables Highly Chemoselective and Efficient Alcohol Oxidation
- PO-B22 **Tao Tu, *Fudan University***  
Molecular Metallogels based on Pincer complexes: A new platform for molecular visual discrimination
- PO-B23 **Katsuhiko Tomooka, *Kyushu University***  
Heteroatom-embedded Nine-membered Cycloalkynes: Efficient Device for Click Reaction
- PO-B24 **Jih-Ru Hwu, *National Tsing Hua University***  
Synthesis of Nucleobase-Functionalized Carbon Nanotubes and Their Hybridization with Single-Stranded DNA
- PO-B25 **Min Kim, *Chungbuk National University***  
Modulating of Amine and Ammonium Groups in Metal-Organic Frameworks
- PO-B26 **Noorsaadah Abd-Rahman, *University of Malaya***  
An Efficient Synthesis of ( $\pm$ )-Cycloillicinone and its Bioactivity
- PO-B27 **Cheng Wang, *Wuhan University***  
Imine-based Organic Porous Materials: From Single Molecule to Extended Framework
- PO-B28 **Hiroshi Naka, *Nagoya University***  
Catalytic Conversion of Water and Methanol for Selective Synthesis

**One-minute Oral Session C / Poster Session C**

**November 4, 2015 (Wednesday) 09:50~10:20 / 10:20~11:00**

*Chairperson: Chun-Cheng Lin, National Tsing Hua University*

- PO-C1        **Zhujun Yao, Nanjing University**  
Total Synthesis of Cytotoxic Marine Diterpenoid  
Plumisclerin A: Efficient Generation of  
Tricyclo[4,3,1,01,5]decane Core with Pauson-Khand  
Reaction and Ketyl-radical Conjugate Addition
- PO-C2        **Yu-Jang Li, National Chiayi University**  
Total Synthesis of Poison Dart Frog Alkaloids
- PO-C3        **Bo Liu, Sichuan University**  
Synthetic Studies toward Hispidanins
- PO-C4        **Day-Shin Hsu, National Chung Cheng University**  
The First Total Synthesis of (+/-)-Parimycin
- PO-C5        **Masanori Nagatomo, The University of Tokyo**  
Asymmetric Total Synthesis of (+)-Ryanodol and  
(+)-Ryanodine
- PO-C6        **Atsuhiko Nishida, Chiba University**  
Total Syntheses of (+)-Grandilodine C and  
(+)-Lapidilectine B; Determination of Their Absolute  
Stereochemistry
- PO-C7        **Sanghee Kim, Seoul National University**  
Total Synthesis of (-)-Penibrugueramine A Using Memory  
of Chirality and Dynamic Kinetic Resolution
- PO-C8        **Yosio Ando, Tokyo Institute of Technology**  
Total Synthesis of (-)-Spiroxin C
- PO-C9        **Paiboon Ngermmeesri, Kasetsart University**  
Toward the Synthesis of Anticancer Melotenine A

- PO-C10      **Pingping Tang**, *Nankai University*  
Total synthesis of Schilancitrilactones B, C and fluorine chemistry
- PO-C11      **Ran Hong**, *Shanghai Institute of Organic Chemistry*  
A Novel Strategy for Ring Construction: Enantioselective Total Synthesis of (-)-Hosieine A
- PO-C12      **Ang Li**, *Chinese Academy of Sciences*  
Total Synthesis of Indole Terpenoids
- PO-C13      **Akira Sakakura**, *Okayama University*  
A Short Entry to 3,5-Disubstituted Piperazinones Based on Aza-Michael Addition of  $\alpha$ -Amino Esters to Nitroalkenes
- PO-C14      **Dong Xue**, *Shaanxi Normal University*  
Amide Synthesis Promoted by BHT and Air under Photoredox Catalysis
- PO-C15      **HyunWoo Kim**, *KAIST*  
Bicyclic Bridgehead Phosphoramidite (Briphos): A New Class of  $\pi$ -Acceptor Ligand Induced by Geometrical Constraints
- PO-C16      **Chuangchuang Li**, *South University of Science and Technology*  
Type II Intramolecular [5+2] Cycloaddition
- PO-C17      **Kwunmin Chen**, *National Taiwan Normal University*  
2-Arylideneindan-1,3-diones as Efficient Michael Acceptors in Organocascade Reaction
- PO-C18      **Pauline Chiu**, *University of Hong Kong*  
Stereoconvergent Syn Enolborate Aldol Reactions
- PO-C19      **Nopporn Thasana**, *Chulabhorn Research Institute*  
Applications of Oxazolones to the Synthesis of Diverse Heterocyclic Scaffolds

- PO-C20      **Rei Kinjo**, *Nanyang Technological University*  
1,3,2-Diazaphospholene-Catalyzed Reduction of  
Unsaturated Bonds
- PO-C21      **Ziwei Gao**, *Shaanxi Normal University*  
Tunable Reactivity of Titanocene Lewis Acid Catalysts by  
Ligands for Selective Reactions
- PO-C22      **Jumreang Tummatorn**, *Chulabhorn Research Institute*  
The Nitrogen Extrusion of Organic Azides for the  
Synthesis of Phenanthridines, Nitriles, Benzoxazoles and  
Benzisoxazoles
- PO-C23      **Hisanori Senboku**, *Hokkaido University*  
Selective Synthesis of Fluorinated Carboxylic Acids by  
Electrochemical Fixation of Carbon Dioxide
- PO-C24      **Jeh-Jeng Wang**, *Kaohsiung Medical University*  
 $\beta$ -Ketoamines as a Potential Building Blocks for the  
Synthesis of Diversified Heterocycles
- PO-C25      **Wei-Chieh Cheng**, *Academia Sinica*  
Synthetic investigation of naturally occurring antibiotic  
mannopeptimycins
- PO-C26      **Ying-yeung Yeung**, *The Chinese University of Hong Kong*  
Indole-Catalyzed Bromocyclization in Lipophilic Solvent
- PO-C27      **Toshio Nishikawa**, *Nagoya University*  
Biomimetic Synthesis of Biologically Active Steroidal  
Natural Products
- PO-C28      **Kwok Kong Tony Mong**, *National Chiao Tung University*  
Investigation on Stereospecific 1,1-Glycosylation with Silyl  
4-O-Picolinyl- $\alpha$ -glucosyl Acceptors



**One-minute Oral Session D / Poster Session D**

**November 4, 2015 (Wednesday) 14:40~15:10 / 15:10~15:50**

*Chairperson: Pauline Chiu, University of Hong Kong*

- PO-D1      **Minoru Isobe, NSYSU**  
Stereochemical Course in the Witting Rearrangement of  
Dihydropyran Allyl-Propargyl Ethers
- PO-D2      **Tun-Cheng Chien, National Taiwan Normal University**  
Practical Synthesis of N-Substituted Cyanamides as  
N-C-N Building Blocks for Heterocycle Synthesis
- PO-D3      **Zhipeng Yu, Sichuan University**  
Ring Strain Promoted 'Photo-click Chemistry': Its  
development and Application in Bioorthogonal Labeling
- PO-D4      **Charnsak Thongsornkleeb, Chulabhorn Research Institute**  
Halogenation of Isocryptolepine: Structure-Activity  
Relationship Studies in Antiplasmodial and  
Antiproliferative Properties
- PO-D5      **Yuen-Mun Choo, University of Malaya**  
Anthraquinones from the Roots of *Morinda citrifolia*
- PO-D6      **Kin Fai Chan, The Hong Kong Polytechnic University**  
Synthesis and in vivo characterization of novel  
3-aminobenzamides as potent efficacy booster agents for  
anti-MRSA  $\beta$ -lactam antibiotics
- PO-D7      **Kak-Shan Shia, National Health Research Institutes**  
Studies on Antibiotics Active against Resistant Bacteria.  
The First Total Synthesis of MRSA-Active Tetarimycin A  
and Its Analogues
- PO-D8      **Teck Peng Loh, Nanyang Technological University**  
New Synthetic Methods Inspired by Natural Product  
Synthesis
- PO-D9      **Xiaoyu Li, University of Hong Kong**  
Target Identification: Methodology Development and a  
Case Study

- PO-D10      **Hsing-Pang Hsieh**, *National Health Research Institutes*  
Lead to Drug Candidate: DBPR114 as a Novel  
Multi-targeted Kinase Inhibitor by High Throughput  
Parallel Synthesis
- PO-D11      **Kazuya Kabayama**, *Osaka University*  
Functional evaluation of membrane glycolipids using  
synthetic glycans
- PO-D12      **Chung-Yi Wu**, *Academia Sinica*  
A common glycan structure on immunoglobulin G for  
enhancement of activity against cancer, infectious and  
inflammatory diseases
- PO-D13      **Cheng-Chung Wang**, *Academia Sinica*  
Regio- and Chemo-selective Direct Functionalization of  
Free Sugars
- PO-D14      **Chun-Cheng Lin**, *National Tsing Hua University*  
Construction of Carbohydrate-based Molecule Libraries by  
Chemical and Enzymatic Approaches
- PO-D15      **Qian Wan**, *Tongji School of Pharmacy*  
Interrupted Pummerer Reaction in Latent-Active  
Glycosylation: A Novel Type of Glycosyl Donors with  
Recyclable and Regenerative Leaving Group
- PO-D16      **Chi-Wi Ong**, *National Sun Yat-sen University*  
Catalytical Bisacetoxiodobenzene for the Oxidation of  
Alcohols and Coupling Reactions
- PO-D17      **Po-Chiao Lin**, *National Sun Yat-sen University*  
Cu (I)-Catalyzed Denitrogenative Synthesis of Cyclic  $\alpha_3\beta$   
-Tetrapeptides
- PO-D18      **Wen-Shan Li**, *Academia Sinica*  
"ABX" Analogs: Fluorescent Dyes for Live Cell Imaging  
and Biological Applications

- PO-D19      **Yutaka Ie, *Osaka University***  
Synthesis and properties of oligothiophenes with  
encapsulating units for molecular wires in single-molecule  
electronics
- PO-D20      **Hee-Seung Lee, *KAIST***  
Magnetotactic Molecular Architectures from  
Self-Assembly of beta-Peptide Foldamers
- PO-D21      **Chai-Lin Kao, *Kaohsiung Medical University***  
Preparation of Triazine Dendrimers Libraries
- PO-D22      **Tahsin J Chow, *Academia Sinica***  
Hole-Transporting Materials Based on Twisted  
Bimesitylenes for High Performance Perovskite Solar Cell
- PO-D23      **Jye-Shane Yang, *National Taiwan University***  
Materials for Multicolor Fluorescence Drawings
- PO-D24      **Hirofumi Seike, *Tohoku University***  
Analysis of Organic Chemistry Research Activity in ACP  
Countries by Using Publications Databases
- PO-D25      **Ding-Yah Yang, *Tunghai University***  
Visible-Light-Mediated Reaction: Synthesis of Coumarin  
and Imidazopyridine-Fused Heterocycles
- PO-D26      **Xunjin Zhu, *Hong Kong Baptist University***  
Design and Synthesis of New Porphyrin-centered Small  
Molecules for Photovoltaic Applications