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605th Conference

Scientific Program

Proceedings of

International Conference on

Organic Chemistry

August 10-11, 2016 Las Vegas, Nevada, USA



Hosting Organization: Conference Series LLC

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Scientific Program

Day 1 August 10, 2016

08:15-09:15 **Registrations**

Hall: Flemingo 1&2

conferenceseries.com **09:15-09:30** **Opening Ceremony**

Keynote Forum

09:30-09:45 **Introduction**

09:45-10:20 **Title: A century of natural product synthesis: From concept to practice**
Stephen Hanessian, Université de Montreal, Canada

10:20-10:55 **Title: Contribution of Electrochemistry to Organometallic Catalysis**
Anny Jutand, Ecole Normale Supérieure, France

Networking and Refreshments: 10:55-11:15 @ Foyer

Sessions:
Fundamentals and classification in organic chemistry | Structure, bonding and reactions in organic chemistry | Medicinal Chemistry, Drug synthesis methods and strategies, Innovation in organic asymmetry

Session Introduction

Session Chair: Mohammad Hayal Alotaibi, Petrochemical Research Institute, Kingdom of Saudi Arabia
Session Co-Chair: Chunying Duan, Dalian University of Technology, China

11:15-11:35 **Title: A concise and atom-economical suzuki-miyaura coupling reaction using unactivated trialkyl and triarylboranes with aryl halides**
Yong-Li Zhong, Merck & Co., Inc., USA

11:35-11:55 **Title: Regioselective and enantioselective photoredox catalysis within self-active coordination space of a homochiral Ru(II)-metalloligand-based Pd(II) nanocages**
Cheng-Yong Su, Sun Yat-sen University, China

11:55-12:15 **Title: Selective dinitration of toluene over zeolites**
Mohammad Hayal Alotaibi, Petrochemical Research Institute, Kingdom of Saudi Arabia

12:15-12:35 **Title: New perspective on the synthesis with chiral aziridines**
Hyun-Joon Ha, Hankuk University of Foreign Studies, Korea

12:35-12:55 **Title: Merging multifunctional catalytic centers within homochiral metal-organic frameworks: New oppotunity for heterogeneous asymmetric catalysis**
Chunying Duan, Dalian University of Technology, China

Lunch: 12:55-13:40 @ Atrium

13:40-14:00 **Title: Synthesis of 9,10-phenanthrenes via palladium-catalyzed aryne annulation by o-halostyrenes and formal synthesis of (±)-tylophorine**
Tuanli Yao, Shaanxi University of Science and Technology, China

14:00-14:20 **Title: Dynamic fluorescence quenching of pd6(rul3)8 metal-organic cages (mocs) by ferrocene derivatives**
Mei Pan, Sun Yat-sen University, China

14:20-14:40 **Title: Copper-catalyzed cross-coupling of 1-haloalkyl-o-carboranes with grignard reagents: An efficient route to monosubstituted o-carborane derivatives**
Ju You Lu, Modern Chemistry Research Institute, China

14:40-15:00 **Title: Chloronium cations, R-Cl+-R, in condenced phases: Formation, thermal stability, and reactivity**
Evgenii S Stoyanov, Novosibirsk Institute of Organic Chemistry, Russia

15:00-15:20 **Title: Easily recyclable phosphonopeptides as organocatalysts for stereoselective C-C bond creation**
Margery Cortes Clerget, University of California at Santa Barbara, USA

Sessions:
Organometallic chemistry

Session Introduction

Session Chair: Manoj Kumar, University of Nebraska-Lincoln, USA
Session Co-Chair: Hyosun Lee, Kyungpook National University, Republic of Korea

15:20-15:40	**Title: Energy-efficient green catalyst: Supported gold, palladium nanoparticles** **Yong Sheng Bao,** Unlnner Mongolia Normal University, China

Networking and Refreshments: 15:40-16:00 @ Foyer

16:00-16:20	**Title: Construction of highly functionalized compounds via metal free transformations** **Hiroaki Sasai,** Osaka University, Japan
16:20-16:40	**Title: Theoretical modeling of alkanediol decomposition via metal free** **Manoj Kumar,** University of Nebraska-Lincoln, USA
16:40-17:00	**Title: Catalytic properties and activity of copper and silver containing Al-pillared bentonite for CO oxidation** **Suna BALCI,** Gazi University, Turkey
17:00-17:20	**Title: Catalytic study of late transition metal complexes in the polymerization of methyl methacrylate (MMA)** **Hyosun Lee,** Kyungpook National University, Republic of Korea
17:20-17:40	**Title: A versatile catalyst for suzuki and sonogashira reactions of aryl iodides and bromides at room temperature in water as only solvent** **Abdol R Hajipour,** Isfahan University of Technology, Iran

Panel Discussion

Day 2 August 11, 2016

Hall: Flemingo 1&2

Keynote Forum

09:30-10:05	**Title: Carbocations in condensed phases: Stabilization via hyperconjugation, polarization, and hydrogen bonding** **Evgenii S Stoyanov,** Novosibirsk State University, Russia
10:05 -10:40	**Title: Blue hazard free candlelight organic light emitting diode** **Jwo Huei Jou,** National Tsing Hua University, Taiwan

Sessions:
Biochemistry, Polymer Chemistry, Materials Chemistry | Modern Organic Chemistry and Applications | Physical Organic Chemistry

Session Introduction

Session Chair: Gregory A Weiss, University of California, USA
Session Co-Chair: John A Soderquist, University of Puerto Rico, USA

10:40-11:00	**Title: Molecular encapsulation and ractivity with assembled baskets in water** **Jovica Badjic,** The Ohio State University, USA

Networking and Refreshments:11:00-11:15 @ Foyer

11:20-11:40	**Title: 2-Naphthylmethoxymethyl: A Mildly Introducible and Oxidatively Removable Benzyloxymethyl-Type Protecting Group** **Kohei Torikai,** Kyushu University, Japan
11:40-12:00	**Title: Multi-step enzymatic and organic synthesis with continuous flow, thin film fluidics** **Gregory A Weiss,** University of California, USA
12:00-12:20	**Title: Design of novel block co-polymers for solution processing of advanced nanomaterials** **Morgan Stefik,** University of South Carolina, USA
12:20-12:40	**Title: Asymmetric organoborane conversions via the amazing 9 borabicyclo [3.3.2]decanes** **John A Soderquist,** University of Puerto Rico, USA
12:40-13:00	**Title: Enantioselective trapping of oxonium ylide with n-benzhydryl-α-imino ester: A rapid access to synthesis of β-tetrasubstituted α-amino acids** **Shunying Liu,** East China Normal University, China
13:00-13:20	**Title: Transition metal-assisted total synthesis of natural products** **Jozef Stec,** Marshall B. Ketchum University, USA

Lunch: 13:20-14:05 @ Atrium

Sessions:
Advanced trends in organic chemistry | Natural products and heterocyclic chemistry

Session Introduction

Session Chair: María Del Rocío Gámez Montaño, Universidad de Guanajuato, Mexico
Session Co-Chair: Uttam K. Tambar, The University of Texas Southwestern Medical Center at Dallas, USA

14:05-14:25	**Title: Ruthenium-catalyzed urea synthesis utilizing methanol as the c1 feedstock** **Soon Hyeok Hong,** Seoul National University, South Korea
14:25-14:45	**Title: Synthesis of novel tetrazol-chromones via Ugi-azide reaction and *in vitro* studies for their antibiotic properties** **María Del Rocío Gámez Montaño,** Universidad de Guanajuato, Mexico
14:45-15:05	**Title: Gold(I)/(III)-catalyzed synthesis of 2-substituted piperidines; valency-controlled cyclization modes** **Nobuyoshi Morita,** Showa Pharmaceutical University, Japan
15:05-15:25	**Title: Allylic functionalization of unactivated hydrocarbons** **Uttam K Tambar,** The University of Texas Southwestern Medical Center at Dallas, USA
15:25-15:45	**Title: Synthesis, optical spectroscopy and laser potential of pyrylium tosylates** **P K Bhowmik,** University of Nevada Las Vegas, USA

Networking and Refreshments:15:45-16:05 @ Foyer

Poster Sessions @ Atrium 16:05-17:00

PPMC001	**Title: Anti-fungal activity of novel synthesized chiral schiff bases and their reduction products** **Imad A Abu Yousef,** American University of Sharjah, United Arab Emirates
PPMC002	**Title: Synthesis of photoaffinity labeling reagents for aromatic -amino acids** **Makoto Hashimoto,** Hokkaido University Graduate School of Agriculture, Japan
PPMC003	**Title: Chitosan as heterogeneous catalyst in michael additions: Reaction of cinnamonitriles with active methyl, active methylenes and phenols** **Hamad Al Matar,** Kuwait University, Kuwait
PPMC004	**Title: Catalysis within metal-organic architectures** **XU JING,** Dalian University of Technology, China
PPMC005	**Title: Pore size and interactions effect on removal of dyes with metal-organic frameworks** **Ali Morsali,** Tarbiat Modares University, Iran
PPMC006	**Title: A New perylene diimide dye with powerful binding sites for metal ions** **Courage Akpan,** Eastern Mediterranean University, Turkey
PPMC007	**Title: Design and synthesis of new chiral ionic liquids as potential antielectrostatic agents** **Joanna Feder Kubis,** Wrocław University of Technology, Poland
PPMC008	**Title: Synthesis and *in vitro* anticancer activity of two thiazacridine derivatives** **Marina Galdino da Rocha Pitta,** Federal University of Pernambuco, Brazil
PPMC009	**Title: Self-assembly, host-guest chemistry and visble-light induced dmso degradation of pd6(fel3)8 metal-organic cages** **Ya Jun Hou,** Sun Yat-sen University, China
PPMC0010	**Title: Dynamic fluorescence quenching of pd6(rul3)8 metal-organic cages (mocs) by ferrocene derivatives** **Kai Wu,** Sun Yat-sen University, China

Panel Discussion

Closing Ceremony

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3rd International Conference on

Organic Chemistry

July 24-26, 2017 Chicago, USA

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