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559th Conference

Scientific Program

Proceedings of

2nd World Chemistry Conference

August 08-10, 2016 Toronto, Canada



Hosting Organization:
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Scientific Program

Day 1 August 08, 2016

08:30-09:30 **Registrations**

ALGONQIN (A)

conferenceseries.com **09:30-09:50** **Opening Ceremony**

Keynote Forum

09:50-10:00 **Introduction**

10:00-10:45 **Title: The enterprise of drug discovery from an academic perspective: From design to practice**
Stephen Hanessian, Université de Montréal, Canada

10:45-11:30 **Title: Advances in MRI Using hyperpolarized and inert gases and molecular MR Imaging**
Mitchell S Albert, Lakehead University, Canada

Group Photo

Networking & Refreshments: 11:30-11:45 @ Foyer

Sessions: Medicinal Chemistry | Analytical Chemistry

Session Introduction

Session Chair: Cornelia G Palivan, University of Basel, Switzerland

Session Co-chair: Laura Sagle, University of Cincinnati, USA

11:45-12:15 **Title: Synthesis of organofluorine compounds using flow microreactors**
Aiichiro Nagaki, Kyoto University, Japan

12:15-12:45 **Title: A Drug delivery model: 5-fluorouracil intercalated into montmorillonite investigated to the Hartree-Fock level**
John H Summerfield, Missouri Southern State University, USA

12:45-13:15 **Title: Regeneration of amine solution using microalgae for absorption**
Sulaiman Al-Zuhair, UAE University, UAE

Lunch break 13:15-14:00 @ Cabinet

14:00-14:30 **Title: Current challenges and approaches for improved localized surface plasmon resonance biosensing**
Laura Sagle, University of Cincinnati, USA

14:30-15:00 **Title: Artificial organelles: How nanoscience provides therapeutic solutions**
Cornelia G Palivan, University of Basel, Switzerland

15:00-15:30 **Title: Synthesis, Characterisation and biotransformation of novel 1,4-dihydropyridine derivatives**
Anupreet Kaur, Punjab University, India

15:30-16:00 **Title: Anti-inflammatory and antinociceptive activity of vanillin**
Adit Sharan, Micro Labs Ltd., India

16:00- 16:30 **Title: The application of ultrasound irradiation technique for the reconstitution of radiopharmaceutical kits**
Alireza Doroudi, Ahvaz Jundishapur University of Medical Sciences, Iran

Network & Refreshments: 16:30-16:45 @ Foyer

Panel Discussion

Day 2 August 09, 2016

ALGONQIN (A)

Keynote Forum

09:15-10:00 **Title: Bioinspired surfaces for water collection and purification**
Jaspal Badyal, Durham University, UK

10:00-10:45 **Title: Effective dehydrogenation of alcohol catalyzed by iron complexes**
Hiroshi Nakazawa, Osaka City University, Japan

10:45-11:30 **Title: Solid state photo polymerization via [2+2] Cycloaddition reaction**
Jagadese J Vittal, National University of Singapore, Singapore

Network & Refreshments: 11:30-11:45 @ Foyer

Sessions: Polymer Chemistry | Clinical Chemistry | Natural Chemistry

Session Introduction

Session Chair: Jin Seok Lee, Sookmyung Women's University, South Korea

Session Co-chair: Godwin Basil D'Cunha, Cape Breton University, Canada

11:45-12:15	**Title: Highly thermal conductive composites with polyamide-6 covalently-grafted graphene by an in situ polymerization and thermal reduction process** **Peng Ding,** Shanghai University, P R China
12:15-12:45	**Title: Sequentially self-limited molecular layer deposition of uniformly aligned polyurea thin films** **Jin Seok Lee,** Sookmyung Women's University, South Korea
12:45: 13:15	**Title: Phenylalanine/Tyrosine ammonia lyase enzyme catalyzed synthesis of the methyl ester of para-hydroxycinnamic acid and its potential antibacterial activity** **Godwin Basil D'Cunha,** Cape Breton University, Canada

Lunch break 13:15-14:00 @ Cabinet

14:00-14:30	**Title: Smart polymer materials - Tuning the physicochemical properties of polysaccharides *via* cross-linking conditions** **Abdalla H Karoyo,** University of Saskatchewan, Canada
14:30-15:00	**Title: Chemical and electrochemical synthesis of graphene/conducting polymers nanocomposites** **María Belén Camarada,** Universidad Bernardo O´Higgins, Chile
15:00-15:30	**Title: Bio-inorganic non lactamase metallo antibiotics** **Tulio Chavez-Gil,** Coppin State University, USA

Network & Refreshments: 15:30-15:45 @ Foyer

Poster Presentations(15: 45-16:45)

CCPP101	**Title: Chemical study on antifungal substances produced by endophytic fungi** **Enkhee Purev,** Nagoya University, Japan
CCPP102	**Title: Anti-phytopathogenic and anti-cytotoxic brominated sesquiterpenes from the Indonesian red seaweed** **Kasmaiti,** Nagoya University, Japan
CCPP103	**Title: Effect of provenance on the chemical quality and bioactivity of essential oil of Laurus Nobilis in Morocco** **Hanaa Labiad,** Ibn Tofail University, Morocco
CCPP104	**Title: Synthesis of new celecoxib derivatives: A search for novel cyclooxygenase-2 inhibitors as anti-inflammatory agents** **Madlen B. Wannas,** Beni Suef University, Egypt
CCPP105	**Title: Chemical affinity profiles of certain effectively used anti-cancer drugs in controlled release systems** **Laleh Talavat,** Hacettepe University, Turkey
CCPP106	**Title: Transition metal catalyzed direct ortho-aroylation of arene C-H bonds through aerobic oxidative coupling reaction** **Bhavin Pipaliya,** Niper, India

Panel Discussion

Day 3 August 10, 2016

ALGONQIN (A)

Sessions: Inorganic Chemistry | Nuclear Chemistry

Session Introduction

Session Chair: Sulaiman Al-Zuhair, UAE University, UAE

10:00- 10:30	**Title: The effect of hydrogen and chemical treatments of activated carbon in the synthesis of Ammonia on the promoted Ruthenium catalyst** **Naghi Saadatjou,** Semnan University, Iran
10:30-11:00	**Title: Catalytic, biological activity and thermal behaviour of triphenylphosphine capped zinc sulfide nanoparticles** **Shashi Bala Kalia,** Himachal Pradesh University, India

11:00-11:30	**Title: Synthesis & spectroscopic characterization of acyl carnitine derivatives, for the diagnosis of fatty acid β-oxidation disorder** **Hany F Sobhi,** Coppin State University, USA
	Network & Refreshments: 11:30-11:45 @ Foyer
11:45-12:15	**Title: Rosmarinic acid, major polyphenol from Lemon balm (*Melissa officinalis, L.*) restrains non-enzymatic glycation of albumin** **Mehran Mirloei,** South Carolina University, USA
12:15-12:45	**Title: Detection and quantification of antibiotics residues in chicken meat by reversed-phase high-performance liquid chromatography** **Birsen Demirata Ozturk,** Istanbul Technical University, Turkey
	Lunch break: 12:45-13:45 @ Cabinet
13:45-14:15	**Title: Conductometric and fluorescence probe analysis on molecular interactions between cationic surfactants in aqueous medium of glycyl dipeptide: Concentration and temperature effect** **Suvarcha Chauhan,** Himachal Pradesh University, India
14:15-14:45	**Title: HPLC–UV method development and validation for the determination of low level formaldehyde grown culture mushrooms in Turkey** **Dilek Ozyurt,** Istanbul Technical University, Turkey
14:45-15:15	**Title: Determination of some heavy metals in blood serum of pregnant women who induced miscarriage using ICP technique** **Mohammed Moayyad Shukr,** University of Salahaddin, Iraq
	Panel Discussion
	Network & Refreshments: 15:45-16:00 @ Foyer
	Award Ceremony & Closing Ceremony

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