# Scientific Program

## Day 1  August 08, 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08:30-09:30</td>
<td>Registrations</td>
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### ALGONQIN (A)

#### Opening Ceremony

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>09:30-09:50</td>
<td>Opening Ceremony</td>
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#### Keynote Forum

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<th>Time</th>
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<tr>
<td>09:50-10:00</td>
<td>Introduction</td>
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| 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 Chair:** Cornelia G Palivan, University of Basel, Switzerland  
**Session Co-chair:** Laura Sagle, University of Cincinnati, USA

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<th>Time</th>
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| 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**

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<tr>
<th>Time</th>
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| 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

#### Keynote Forum

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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| 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 |
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
Title: Phenylalanine/Tyrosine ammonia lyase enzyme catalyzed synthesis of the methyl ester of para-hydroxybenzoic 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

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
Title: Transition metal catalyzed direct ortho-arylation 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 Chair: Sulaiman Al-Zuhair, UAE University, UAE

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

Title: Catalytic, biological activity and thermal behaviour of triphenylphosphine capped zinc sulfide nanoparticles
Shashi Bala Kalia, Himachal Pradesh University, India
Title: Synthesis & spectroscopic characterization of acyl carnitine derivatives, for the diagnosis of fatty acid β-oxidation disorder
Hany F Sobhi, Coppin State University, USA

Title: Rosmarinic acid, major polyphenol from Lemon balm (Melissa officinalis, L.) restrains non-enzymatic glycation of albumin
Mehran Mirloei, South Carolina University, USA

Title: Detection and quantification of antibiotics residues in chicken meat by reversed-phase high-performance liquid chromatography
Birsen Demirata Ozturk, Istanbul Technical University, Turkey

Title: Conductometric and fluorescence probe analysis on molecular interactions between cationic surfactants in aqueous medium of glycy1 dipeptide: Concentration and temperature effect
Suvarcha Chauhan, Himachal Pradesh University, India

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

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

Award Ceremony & Closing Ceremony

Bookmark your dates

5th International Conference on
Medicinal Chemistry & Computer Aided Drug Designing
December 05-07, 2016   Phoenix, Arizona, USA

Website: www.medicinalchemistry.pharmaceuticalconferences.com

3rd World Chemistry Congress
July 27-29, 2017   Chicago USA

Website: www.chemistry.conferenceseries.com