

---



---

**SUNDAY, NOVEMBER 4, 2018**

---



---

**1130-1230** Inauguration Ceremony (Prof. Salimuzzaman Siddiqui Auditorium), ICCBS

**1230-1400** Registration and Lunch

**1400-1615** Inaugural and Plenary Lectures (Prof. Salimuzzaman Siddiqui Auditorium)

**Chair:** Alain Krief

**Co-Chair:** Young Ho Kim

TIME	SPEAKER/ TITLE
1400-1445	<p><b>Atta-ur-Rahman, FRS</b>  <i>(Inaugural Lecture)</i>                      Some Adventures in Natural Product Chemistry and Higher Education</p>
1445-1530	<p><b>Xavier Franck</b>                      Recent Progress in the Synthesis of Fluorescent or Bioactive Azaphilones</p>
1530-1615	<p><b>Jean-Frédéric F. Weber</b>                      From the Equator to the Poles, a Virtual Journey Lined with Fungal Metabolites</p>

**1615-1730** Tea and Poster Session at H. E. J. R. I. C. Lawns

**2030** Dinner at Multipurpose Hall (For Foreign Guests Only)

---



---

**MONDAY, NOVEMBER 5, 2018**


---



---

**0900-1115 Plenary Lectures (Prof. Salimuzzaman Siddiqui Auditorium)**

<b>Chair: Xavier Franck</b>	
<b>Co-Chair: Bruno Figadère</b>	
<b>TIME</b>	<b>SPEAKER/ TITLE</b>
0900-0945	<b>Bilge Sener</b> Bioactive Drug Candidates from Some Turkish Amaryllidaceae and Fumariaceae Plant Species
0945-1030	<b>Daniel C. Hoessli</b> The Plasma Membrane as a Target for Natural Products
1030-1115	<b>Jae Youl Cho</b> Korean Ginseng: <i>An Immunomodulatory Herbal Medicine</i>

**1115-1145 Tea Break****1145-1315 Plenary Lectures (Prof. Salimuzzaman Siddiqui Auditorium)**

<b>Chair: Georges Massiot</b>	
<b>Co-Chair: Bilge Sener</b>	
<b>TIME</b>	<b>SPEAKER/ TITLE</b>
1145-1230	<b>Bina S. Siddiqui</b> Natural Products Derived Biologically Active Compounds and their Therapeutic Potential
1230-1315	<b>M. Khalid Ashfaq</b> Natural Products: <i>Hepatotoxicity and Prevention</i>

**1315-1400 Lunch / Prayer Break****1400-1600 Concurrent Keynote cum Invited Lectures**

<b>Session-A</b>		<b>Session-B</b>		<b>Session-C</b>		<b>Session-D</b>	
Isolation and Structural Elucidation of Natural Products		Medicinal and Synthetic Chemistry		Analytical Chemistry of Natural Products		Bioassay Screening, Pharmacology, Biotechnology, and Others	
(Prof. Salimuzzaman Siddiqui Auditorium)		(L.E.J. Hall A)		(L.E.J. Hall B)		(L.E.J. Hall C)	
<b>Chair: Bina S. Siddiqui</b>		<b>Chair: Brunel J. Michel</b>		<b>Chair: I. P. Gerothanassis</b>		<b>Chair: G. A. Miana</b>	
<b>Co-Chair: L. Jayasinghe</b>		<b>Co-Chair: M. Raza Shah</b>		<b>Co-Chair: M. I. Bhangar</b>		<b>Co-Chair: Ibrahim Jantan</b>	
<b>TIME</b>	<b>SPEAKER/ TITLE</b>	<b>SPEAKER/ TITLE</b>	<b>SPEAKER/ TITLE</b>	<b>SPEAKER/ TITLE</b>	<b>SPEAKER/ TITLE</b>	<b>SPEAKER/ TITLE</b>	<b>SPEAKER/ TITLE</b>
1400-1430	<b>Faridah Abas</b> NMR Based Metabolomics for Quality Control of <i>Phyllanthus niruri</i> Linn. and Identification of Biomarkers for its Diabetes Related Activities	<b>Bruno Figadère (Keynote)</b> Total Synthesis of Amphidinolide F	<b>Tom Simpson (Keynote)</b> NEW Drugs from OLD Pathways - <i>Teaching Nature New Tricks</i>	<b>Hameed Khan (Keynote)</b> The Human Genome Project and the Discovery of AZQ (US Patent 4,146,622) for Treating Brain Cancer			
1430-1500	<b>Habib-ur-Rehman</b> Phytochemical Evaluation and Biological Potential of <i>Thymus serpyllum</i> Linn.	<b>Sahar I. Mostafa</b> New Chitosan-2-Hydroxynaphthaldehyde Schiff-base (2CS-Hhnl) and the Environmental Application in the Uptake of Cd (II) Ions from Aqueous Media Using Raman and Atomic Absorption Spectroscopy & Aquatic Ecotoxicity against Green Alga <i>Pseudokirchneriella subcapitata</i>	<b>Masood Parvez</b> Role of X-Ray Crystallography in the Study of Natural Products	<b>Darakhshan J. Haleem</b> Role of Natural Products in Drug Discovery: <i>Focus on Antidepressants</i>			

ISNPF-2

1500-1530	<b>Anna U. K. Kara</b> Marine Organisms as a Source of New Antimalarials: <i>Example Manzamine A</i>	<b>Farzana Shaheen</b> Synthesis, Structural and Biological Studies of Peptides from Natural Sources	<b>Sammer Yousuf</b> Co-Crystallization of Bioactive Natural Products- <i>An Efficient Crystal Engineering Approach Towards Enhanced Biological Activities</i>	<b>Farooq R. Soomro</b> Clinical trial of 20% Mat Lippia (Bucan) Topical Ointment for Cutaneous leishmaniasis: <i>A Preliminary Trial</i>
-----------	---	---	--	---

**1800-1900**      **Registration for ISNPC-14**

**1900-1930**      **Inauguration Ceremony of ISNPC-14 (Prof. Salimuzzaman Siddiqui Auditorium), ICCBS**

**1930**              **Cultural Evening followed by Gala Dinner (Participants are requested to wear their cultural dresses)**

---



---

**TUESDAY, NOVEMBER 6, 2018**


---



---

**0900-1115 Plenary cum Keynote Lectures (Prof. Salimuzzaman Siddiqui Auditorium)**

**Chair :** Tom Simpson  
**Co-Chair:** Jean-Frédéric F. Weber

<b>TIME</b>	<b>SPEAKER/ TITLE</b>
0900-0945	<b>Richard R. Schmidt</b> Acid-Base Catalysis in Glycosidations: <i>A Nature Derived Alternative to the Generally Employed Methodology</i>
0945-1030	<b>M. Iqbal Choudhary</b> Sourcing Nature for Drug Discovery- <i>Current and Future Perspectives</i>
1030-1110	<b>Bilge Sener</b> <b>(Keynote)</b> Evaluation of Herbal Medicines for Global Health Care

**1110-1145 Tea Break**

## 1145-1315 Concurrent Invited Lectures

<b>Session-A</b> Natural Product Isolation and Characterization  (Prof. Salimuzzaman Siddiqui Auditorium) <b>Chair: Hai-bing Liao</b> <b>Co-Chair: Sabira Begum</b>		<b>Session-B</b> Medicinal and Synthetic Chemistry  (L.E.J. Hall A) <b>Chair: Khalid M. Khan</b> <b>Co-Chair: A.A.AP. Keerthi</b>		<b>Session-C</b> Bioassay Screening, Biotechnology, Pharmacology and Others  (L.E.J. Hall B) <b>Chair: D. J. Haleem</b> <b>Co-Chair: Farzana Shaheen</b>	
<b>TIME</b>	<b>SPEAKER/ TITLE</b>	<b>SPEAKER/ TITLE</b>	<b>SPEAKER/ TITLE</b>	<b>SPEAKER/ TITLE</b>	<b>SPEAKER/ TITLE</b>
1145-1215	<b>Soleiman Helaly</b>  Exploiting the Secondary Metabolome of Tropical Basidiomycota and Ascomycota fungi	<b>Hai-Tao Tang</b>  NH <sub>4</sub> I-Mediated Electrochemical Dehydrogenation Coupling/Cyclization Reactions	<b>Abdurrahim Kocyigit</b>  Role of Antioxidant Phytochemicals in the Prevention, Formation and Treatment of Cancer		
1215-1245	<b>Heng-Shan Wang</b>  Anticancer Effects of Natural Products and their Derivatives from YAO Ethnic Medicine of Guangxi China	<b>Shulin Zhao</b>  Spinach-Based Biomass Quantum Dot-Copper nanocomposites for <i>In Vivo</i> Biothiols Imaging and Dual Enhanced Photodynamic Therapy of Tumors	<b>Aris Lacis</b>  Using Autologous Bone Marrow Derived Mononuclear Stem Cells for Stimulating Tissue Regeneration and Functional Activity		

1245-1315	<p><b>Muhammad Najam ul Haq</b> Evaluation of Natural Products as Nanocarriers for Drug Delivery and Phytoremediation of Soil Contaminated with Toxic Heavy Metals</p>	<p><b>Nor Azah M.A.</b> Translating the Malaysian Herbal Heritage into High Quality Raw Materials and Products</p>	<p><b>Ikram A Burney</b> Precision Medicine in Oncology: <i>Illusion or a Reality</i></p>
-----------	--	--	---

**1315-1400 Lunch / Prayer Break**

**1400-1610 Concurrent Keynote, Invited and Session Lectures**

<u>Session-A</u>	<u>Session-B</u>	<u>Session-C</u>	<u>Session-D</u>
<p>Isolation and Structural Elucidation of Natural Products  (Prof. Salimuzzaman Siddiqui Auditorium) <b>Chair: Sahar I. Mostafa</b> <b>Co-Chair: J. H. Huang</b></p>	<p>Medicinal and Synthetic Chemistry  (L.E.J. Hall A) <b>Chair: H. U. Rahman</b> <b>Co-Chair: K. M. Khan</b></p>	<p>Analytical Chemistry of Natural Products  (L.E.J. Hall B) <b>Chair: Abdul Malik</b> <b>Co-Chair: Masood Parvez</b></p>	<p>Bioassay Screening, Pharmacology, Biotechnology, and Others  (L.E.J. Hall C) <b>Chair: S. U. Simjee</b> <b>Co-Chair: Ana U. K. Kara</b></p>
TIME	SPEAKER/ TITLE	SPEAKER/ TITLE	SPEAKER/ TITLE
1400-1430	<p><b>Young Ho Kim</b>  (Keynote)  Contemporary Scientific Efficacy of <i>Cimicifugae rhizoma</i></p>	<p><b>Alain Krief</b>  (Keynote)  Stereoselective Synthesis of 2,3-Oxidosqualene and Lanosterol Analogues to Determine the Mechanism of Steroid Biosynthesis</p>	<p><b>Ioannis P. Gerothanassis</b>  (Keynote)  High Resolution NMR Structures of Natural Products in Solution Based on DFT Calculations of Chemical Shifts vs. Solved by Diffraction Methods:</p>
			<p><b>Ibrahim Jantan</b>  (Keynote)  Plant-based Immunomodulators with Antitumor Activity: <i>An Insight on their Mechanisms of Action</i></p>

			<i>Competitors or Collaborators?</i>	
1430-1500	<p><b>Rami M. Arafeh</b></p> <p>Induction, Elicitation and Determination of Total Secondary Metabolites from <i>In-vitro</i> Growing Cultures of <i>Arbutus andrachne</i> L.</p>	<p><b>Lalith Jayasinghe</b></p> <p>Search for Bioactive Compounds from Sri Lankan Medicinal Plants</p>	<p><b>Syed Ghulam Musharraf</b></p> <p>Phytochemical Analyses using Liquid Chromatography- Mass Spectrometry: <i>A Solution or A Challenge?</i></p>	<p><b>Atia-ul-Wahab</b></p> <p>From Folk Knowledge to Clinical Studies- <i>Examples of our Work in Medicinal Plants-based Drug Discovery</i></p>
1500-1530	<p><b>Anwar. H. Gilani</b></p> <p>Therapeutic Potential of Functional Foods in Cardiovascular Disorders - <i>Translational Studies</i></p>	<p><b>Brunel Jean Michel</b></p> <p>Natural Polyamines: <i>Synthesis and Biological Evaluation</i></p>	<p><b>Sakina Yagi</b></p> <p>Effect of Solvent and Method of Extraction on Biological Activity and Chemical Constituents of Selected Medicinal Plants</p>	<p><b>Hafizur Rehman</b></p> <p>Natural Products as a Vital Source for the Discovery of Antidiabetic Lead Compounds</p>
1530-1550	<p><b>G.D.A. Privantha</b></p> <p>Rush and Reed Plants (Cyperaceae &amp; Typhaceae) Used for Traditional Craft Industry in Sri Lanka</p>	<p><b>Farooq Ahmed Khan</b></p> <p>A Concise Total Synthesis of Muramyl Dipeptide</p>	<p><b>Nohad A. AlOmari</b></p> <p>Organoselenium Compounds as Phytochemicals from the Natural Kingdom</p>	<p><b>Manal Fardon</b></p> <p>The Homo-isoflavonoid, 7-<i>O</i>-Methyl-3, 9-dihdropunctatin, Inhibits Serum-induced Synthetic Phenotype of Arteriolar Smooth Muscle Cells</p>



1550-1610	<p style="text-align: center;"><b>Ajaz Hussain</b></p> <p style="text-align: center;">Phytochemical Analysis, Protein Profiling and Biofabrication Studies on <i>Avenafatua</i></p>	<p style="text-align: center;"><b>Mahwish Akhtar</b></p> <p style="text-align: center;">Design, Synthesis, Characterization, <i>In-vitro</i> Antimicrobial Studies of Fluoroquinolones-amide Derivatives</p>	<p style="text-align: center;"><b>Hina Siddiqui</b></p> <p style="text-align: center;">Designing of Small- molecule-druggable Chemical Space-<i>Examples of the Lead Discovery for Obesity, Multi Drug Resistance Infections, and Diabetes</i></p>	<p style="text-align: center;"><b>Sadia Ajaz</b></p> <p style="text-align: center;">Population-specific Significant Clinical Implications of Glutathione S Transferases (<i>GSTM1</i> and <i>GSTT1</i>) Gene Polymorphisms in Epithelial Cancers</p>
-----------	---	--	--	--

**1610-1640** Tea

**1700-1800** Visit to the ICCBS Laboratories

**1820** City & Shopping Visits (For Foreign Guests Only)