
MONDAY, NOVEMBER 5, 2018

- 1800-1900** Registration
1900-1930 Inaugural Ceremony
1930 International Cultural Festival followed by Gala Dinner (Participants are requested to wear their traditional/national dresses)

TUESDAY, NOVEMBER 6, 2018

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

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

1110-1145 Tea Break

Scientific Program

1145-1315 Concurrent Invited Lectures

Session-A		Session-B		Session-C	
Isolation and Structural Elucidation of Natural Products (Prof. Salimuzzaman Siddiqui Auditorium) Chair: Hai-bing Liao Co-Chair: Sabira Begum		Medicinal and Synthetic Chemistry (L.E.J. Hall A) Chair: Khalid M. Khan Co-Chair: A.A.AP. Keerthi		Bioassay Screening, Biotechnology, Pharmacology and Others (L.E.J. Hall B) Chair: D. J. Haleem Co-Chair: Farzana Shaheen	
TIME	SPEAKER/ TITLE	SPEAKER/ TITLE	SPEAKER/ TITLE	SPEAKER/ TITLE	SPEAKER/ TITLE
1145-1215	Soleiman Helaly Exploiting the Secondary Metabolome of Tropical Basidiomycota and Ascomycota Fungi	Hai-Tao Tang NH ₄ I-Mediated Electrochemical Dehydrogenation Coupling/Cyclization Reactions	Abdurrahim Kocyigit Role of Antioxidant Phytochemicals in the Prevention, Formation and Treatment of Cancer		
1215-1245	Heng-Shan Wang Anticancer Effects of Natural Products and their Derivatives from YAO Ethnic Medicine of Guangxi China	Shulin Zhao Spinach-Based Biomass Quantum Dot-Copper nanocomposites for <i>In Vivo</i> Biothiols Imaging and Dual Enhanced Photodynamic Therapy of Tumors	Aris Lacis Using Autologous Bone Marrow Derived Mononuclear Stem Cells for Stimulating Tissue Regeneration and Functional Activity		
1245-1315	Muhammad Najam ul Haq Evaluation of Natural Products as Nanocarriers for Drug Delivery and Phytoremediation of Soil Contaminated with Toxic Heavy Metals	Nor Azah M.A. Translating the Malaysian Herbal Heritage into High Quality Raw Materials and Products	Ikram A Burney Precision Medicine in Oncology: <i>Illusion or a Reality</i>		

1315-1400 Lunch / Prayer Break

1400-1610 Concurrent Keynote, Invited and Session Lectures

Session-A		Session-B		Session-C		Session-D	
Isolation and Structural Elucidation of Natural Products (Prof. Salimuzzaman Siddiqui Auditorium) Chair: Sahar I. Mostafa Co-Chair: J. H. Huang		Medicinal and Synthetic Chemistry (L.E.J. Hall A) Chair: H. U. Rahman Co-Chair: K. M. Khan		Analytical Chemistry of Natural Products (L.E.J. Hall B) Chair: Abdul Malik Co-Chair: Masood Parvez		Bioassay Screening, Pharmacology, Biotechnology, and Others (L.E.J. Hall C) Chair: Ana U. K. Kara Co-Chair: S. U. Simjee	
TIME	SPEAKER/ TITLE	SPEAKER/ TITLE	SPEAKER/ TITLE	SPEAKER/ TITLE	SPEAKER/ TITLE	SPEAKER/ TITLE	SPEAKER/ TITLE
1400-1430	Young Ho Kim (Keynote) Contemporary Scientific Efficacy of <i>Cimicifugae rhizoma</i>	Alain Krief (Keynote) Stereoselective Synthesis of 2,3-Oxidosqualene and Lanosterol Analogues to Determine the Mechanism of Steroid Biosynthesis	Ioannis P. Gerothanassis (Keynote) High Resolution NMR Structures of Natural Products in Solution Based on DFT Calculations of Chemical Shifts vs. Solved by Diffraction Methods: <i>Competitors or Collaborators?</i>	Ibrahim Jantan (Keynote) Plant-based Immunomodulators with Antitumor Activity: <i>An Insight on their Mechanisms of Action</i>			
1430-1500	Rami M. Arafah Induction, Elicitation and Determination of Total Secondary Metabolites from <i>In-vitro</i> Growing Cultures of <i>Arbutus andrachme</i> L.	Lalith Jayasinghe Search for Bioactive Compounds from Sri Lankan Medicinal Plants	Syed Ghulam Musharraf Phytochemical Analyses using Liquid Chromatography- Mass Spectrometry: <i>A Solution or A Challenge?</i>	Atia-ul-Wahab From Folk Knowledge to Clinical Studies- <i>Examples of our Work in Medicinal Plants-based Drug Discovery</i>			

Scientific Program

1500-1530	Anwar. H. Gilani Therapeutic Potential of Functional Foods in Cardiovascular Disorders - <i>Translational Studies</i>	Brunel Jean Michel Natural Polyamines: <i>Synthesis and Biological Evaluation</i>	Sakina Yagi Effect of Solvent and Method of Extraction on Biological Activity and Chemical Constituents of Selected Medicinal Plants	Hafizur Rehman Natural Products as a Vital Source for the Discovery of Antidiabetic Lead Compounds
1530-1550	G.D.A. Privantha Rush and Reed Plants (Cyperaceae & Typhaceae) Used for Traditional Craft Industry in Sri Lanka	Farooq Ahmed Khan A Concise Total Synthesis of Muramyl Dipeptide	Nohad A. AlOmari Organoselenium Compounds as Phytochemicals from the Natural Kingdom	Manal Fardon The Homo-isoflavonoid, 7- <i>O</i> -Methyl-3, 9-dihdropunctatin, Inhibits Serum-induced Synthetic Phenotype of Arteriolar Smooth Muscle Cells
1550-1610	Ajaz Hussain Phytochemical Analysis, Protein Profiling and Biofabrication Studies on <i>Avenafatua</i>	Mahwish Akhtar Design, Synthesis, Characterization, <i>In-vitro</i> Antimicrobial Studies of Fluoroquinolones-amide Derivatives	Hina Siddiqui Designing of Small-molecule-druggable Chemical Space- <i>Examples of the Lead Discovery for Obesity, Multi Drug Resistance Infections, and Diabetes</i>	Sadia Ajaz Population-specific Significant Clinical Implications of Glutathione S Transferases (<i>GSTM1</i> and <i>GSTT1</i>) Gene Polymorphisms in Epithelial Cancers

1610-1640 Tea

1700-1800 Visit to the ICCBS Laboratories

1820 City & Shopping Visits (For Foreign Guests Only)

WEDNESDAY, NOVEMBER 7, 2018

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

Chair:	Richard R. Schmidt
Co-Chair:	Alain Krief
TIME	SPEAKER/ TITLE
0900-0945	Tom Simpson Synthesis of New and Extinct Natural Products with Fungal Megasyntases
0945-1030	Michael D. Threadgill Structure-Based Design and Development of Inhibitors of the Tankyrases
1030-1115	Bruno Figadere Recent Progress Towards Total Synthesis of Mycangimycin

1115-1145 Tea Break

Scientific Program

1145-1315 Concurrent Invited Lectures

Session-A		Session-B		Session-C	
Isolation and Structural Elucidation of Natural Products, Bioassay Screening, Biotechnology, and Pharmacology (Prof. Salimuzzaman Siddiqui Auditorium) Chair: Lalith Jayasinghe Co-Chair: Brunel Jean Michel		Medicinal and Synthetic Chemistry (L.E.J. Hall A) Chair: Hai-tao Tang Co-Chair: Heng-shan Wang		Analytical Chemistry of Natural Products, and Others (L.E.J. Hall B) Chair: M. Jamaluddin Ahmed Co-Chair: Jae Youl Cho	
TIME	SPEAKER/ TITLE	SPEAKER/ TITLE	SPEAKER/ TITLE	SPEAKER/ TITLE	SPEAKER/ TITLE
1145-1215	Ibrahim Jantan Immunosuppressive and Anti-inflammatory Activities of Natural α,β -Unsaturated Carbonyl-based Compounds on the Immune Cells of the Innate and Adaptive Immune Systems	G. D. A. Priyantha Performance and Economic Returns of Cultivating Reed Plants (<i>Cyperus corymbosus</i>) in Paddy Fields of Wet Zone for Traditional Craft Weaving Industry in Sri Lanka	Nicolas Baldovini Analytical Studies of Fragrant Natural Raw Materials: Toward the Characterization of their Odor Active Constituents		
1215-1245	Hai-bing Liao Terpenoid Compounds from Several Chinese Medicinal Plant	Shazia Anjum Recent Trends and Scope of Metal Catalysis and Biocatalysis in Green Chemistry	Zaheer-ul-Haq Recent Advances and Application of Computational Chemistry Approaches for Drug Discovery		
1245-1315	---	---	Atia-tul-Wahab Nuclear Magnetic Resonance Spectroscopy for Drug Leads and		

			Drug Target Discovery
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1315-1400 Lunch / Prayer Break

1400-1600 Concurrent Invited cum Session Lectures

TIME	SPEAKER/ TITLE	SPEAKER/ TITLE	SPEAKER/ TITLE
1400-1430	Lalith Jayasinghe Endophytic Fungi from Medicinal Plants: A Promising Source of Bioactive Natural Products	Darakhshan Jabeen Haleem Neurochemistry of Pain and Addiction with Morphine	P. Panichayupakaranant Green Extraction and Standardization Methods for Development of Herbal Preparations

Session-A

Isolation and Structural Elucidation of Natural Products

(Prof. Salimuzzaman Siddiqui Auditorium)

Chair: Viqar Uddin Ahmed

Co-Chair: M. Shaiq Ali

Session-B

Bioassay Screening, Biotechnology, Pharmacology, and Medicinal Chemistry

(L.E.J. Hall A)

Chair: Ikram A. Burney

Co-Chair: Aris Lacis

Session-C

Analytical Chemistry of Natural Products, and Others

(L.E.J. Hall B)

Chair: Tufail H. Sherazi

Co-Chair: S. Ghulam Musharraf

Scientific Program

1430-1500	<p>Jian-hua Huang</p> <p>Acoupling Method Based on Hyperspectral Imaging Technique and Pattern Recognition to Distinguish Seed of <i>Peucedanum praeruptorum</i> Dunn and <i>Saposhnikovia divaricata</i> (Trucz.) Schischk</p>	<p>Vinitha M. Thadhani</p> <p>Lichen as A Potential Natural Source of Bioactive Compounds: <i>Future Trends and Prospective Goals in Drug Discovery</i></p>	<p>M. Jamaluddin Ahmed</p> <p>A Highly Sensitive and Selective Spectrofluorimetric Method for the Determination of Lithium at Pico-trace Levels in Some Real, Pharmaceutical Formulations, Biological Fluids and Food Samples Using 5,7-Dibromo-8-hydroxyquinoline</p>
1500-1520	<p>Rami M. Arafah</p> <p>Challenges and Opportunities Facing Medicinal Plant Research and Utilization in Palestine</p>	<p>Haroon M. Haniffa</p> <p>Synthesis and <i>In Vitro</i> Tyrosinase Activities of Sulphamethazine Derivatives</p>	<p>Yan Wang</p> <p>Liquid Chromatography-Mass Spectroscopy-based Urinary Metabolites Study on a Rat Model of Simulated Microgravity-induced Depression and Effects of <i>Hemerocallis citrina</i></p>
1520-1540	<p>Sajan L. Shyaula</p> <p>Alkaloids with Poisonous and Antidote Properties from <i>Aconitum</i> Species</p>	<p>Abdul Hameed</p> <p>Semi(Thio)carbazones: <i>Synthetic Approaches</i></p>	<p>Ghulam Mustafa</p> <p>Novel Fouling Resistantgrafted Membranes for Efficient Separation and Purification Applications</p>

1540-1600	Manzoor Ahmad Norditerpenoid Alkaloids from <i>Delphinium uncinatum</i> as Cholinesterase Inhibitors	Farooq Ahmad Khan Modifying Muramyl Dipeptide for Improved Pharmacological Profile	B. M. Kudaibergenova Polymer Gels for Carriers of Medicinal Substances
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1600-1700 Poster Session and Tea at H. E. J. R. I. C. Lawns

THURSDAY, NOVEMBER 8, 2018

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

Chair:	Michael D. Threadgill
Co-Chair:	Tom Simpson
TIME	SPEAKER/ TITLE
0900-0945	M. Iqbal Choudhary Herbal Medicine for Health Care in the 21 st Century
0945-1030	Alain Krief Concise Semi-industrial Synthesis of Selenomethionine-A <i>Bio-active Amino acid from Plants</i>
1030-1115	Young Ho Kim Discovery of Bioactive Natural Compounds from <i>Araliaceae</i> Plants

1115-1145 Tea Break

1310-1400 Lunch / Prayer Break

1400-1600 Concurrent Session Lectures

Session-A Isolation and Structural Elucidation of Natural Products, and Others (Prof. Salimuzzaman Siddiqui Auditorium) Chair: Bilge Sener Co-Chair: Amr Mohamed Nassar		Session-B Medicinal and Synthetic Chemistry (L.E.J. Hall A) Chair: Shulin Zhao Co-Chair: M. Raza Shah		Session-C Bioassay Screening, Biotechnology, Pharmacology (L.E.J. Hall B) Chair: Bina S. Siddiqui Co-Chair: S. Abid Ali	
TIME	SPEAKER/ TITLE	SPEAKER/ TITLE	SPEAKER/ TITLE	SPEAKER/ TITLE	SPEAKER/ TITLE
1145-1205	E. A. Garayev Biological Active Compounds of <i>Stachys annua</i> L. from Azerbaijan Flora	Kamala K.Badalova Determination of Aluminium in some Natural Biological Objects	Irfan Khan Tissue Engineering Approaches for Osteogenic Differentiation of Mesenchymal Stem Cells and the Formation of 3D Tube-like Structures by Endothelial Cells		
1205-1225	Nargis Jamila A New Triterpine from <i>Garcinia hombroniana</i>	Shahid Aziz An Efficient Synthesis and Biological Evaluation of Topopyrone C Derivative, A Potent Anti-tumor Natural Product	Munazza R Mirza Novel Metal Chelate Affinity Chromatography for Phosphopeptide Enrichment by using Trivalent Lanthanide Ions		
1225-1245	Uzma Salar Solid-state NMR Assisted Structural and Dynamics Study of Membrane Lipids in the Presence of Artificial	Maria Aqeel Khan <i>In vitro</i> α -Glucosidase Inhibition by Non-sugar Harmine Analogues	Mujeeb-ur-Rehman Nanoparticles from Dexamethasone Prodrugs for Passive Targeting in the Treatment of Inflammatory Diseases		

Scientific Program

	Water Channels (I-Quartets)		(Rheumatoid Arthritis)
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1245-1400 Lunch / Prayer Break

1400-1445 Closing Ceremony

1445 Tea