

16th BCAST 2019: BioMedical Sciences (BMS)

Tentative Technical Program

Updated on:
January 6, 2019

Day 1: January 8, 2019

	09:30 - 1:00	REGISTRATION	
	1:00 - 2:00	LUNCH	
Welcome address	2:00 - 2:15	Welcome address by Program Coordinator	Prof. Dr. Saifullah Khan <i>Centre of Excellence in Science & Applied Technology (CESAT), Islamabad, Pakistan</i>
Invited Talks	2:15 - 3:00	Molecular diagnostics in China: past, now and future	Prof Dr. Xuejun Ma <i>National Institute for Viral Disease Control and Prevention (IVDC), (CDC China)</i>
Plenary Session I	3:00 - 4:30	BMS 708: Optimization of expression conditions in minimal medium for high yield production of phosphotransferase system (PTS) galactitol specific IIB (PTS Gat-IIB) protein of methicillin resistant Staphylococcus aureus in E. coli expression system.	Mr. Faisal Shahid <i>Centre of Excellence in Science & Applied Technology (CESAT), Islamabad, Pakistan</i>
		BMS 47: Numerical Modeling for Transmission Dynamics of Leptospirosis Disease in Juvenile and Adult Humans	Dr. Muhammad Rafiq <i>University of Central Punjab Lahore, Pakistan</i>
		BMS 53: First Report of Equine Rotavirus Infection in Khyber Pakhtunkhwa	Mr. Muhammad Husnain <i>University of Veterinary and Animal Science (UVAS), Lahore, Pakistan</i>
		Use of Tumor Targeting Bacteria as Cancer Therapeutic Agents and Drug Delivery Vehicles: A Conceptual Approach	Mr. Najeem Ullah <i>CESAT, Islamabad Pakistan</i>

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Day 2: January 9, 2019

Invited Talks	9:30 -10:10	Infectious Chikungunya Virus with a Complete Capsid Deletion: a New Approach for CHIKV Vaccine	Prof. Dr. Bo Zhang <i>Wuhan Institute of Virology (WIV), Chinese Academy of Sciences (CAS), China</i>
Plenary Session II	10:10 -11:00	BMS 712: Factors Affecting Detection of GMO Traces in Food and Crop Samples	Mr. Waqar Hassan <i>CESAT, Islamabad Pakistan</i>
		BMS 325: Malarial Parasite Detection and Recognition using Microscopic Images	Mr. Ikramullah Khosa <i>COMSATS University Islamabad, Lahore Campus</i>
	11:00 -11:30	TEA	
Invited Talk	11:30 -12:20	Microbial Pharmacy	Prof. Dr. Aqeel Ahmed <i>Barrett Hodgson University, Karachi, Pakistan</i>
Plenary Session III	12:20 -1:00	BMS 707: Phylogenetic Analysis of VP1 Encoding Sequences of Foot and Mouth Disease Virus Serotype O from Landhi Dairy Colony, Karachi, Pakistan	Mr. Kamran Ullah <i>CESAT, Islamabad Pakistan</i>
		BMS 96: Prevalence of Skin diseases among Hepatitis C virus infected patients and their association with HCV infection in Islamabad, Pakistan.	Ms. Tehreem Tanveer <i>Al Shifa School of Public Health, Al Shifa Trust, Rawalpindi, Pakistan</i>
	1:00 - 2:00	LUN C H	

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Invited Talks	2:00 - 2:40	Bacterial Biosensing: Recent advances in phage-based bioassays and biosensors	Prof. Dr. Shenqi Wang <i>Huazhong University of Science and Technology, Wuhan, China</i>
Plenary Session IV	2:40 - 4:30	BMS 849: Visualization and Analytics of Biological Data by Using Different Tools and Techniques	Ms. Raiha Tallat <i>COMSATS Institute of Information Technology, Pakistan</i>
		BMS 849: Role of Mitochondrial rRNA Gene in Avian Species Identification	Dr. Sehrish Firyal <i>University of Veterinary and Animal Science (UVAS), Lahore, Pakistan</i>
		BMS 849: Surveillance studies for Rota virus vaccine implication in Pakistan	Ms. Tayyab Un Nisa <i>CESAT, Islamabad Pakistan</i>
		BMS 473: Advances in the Treatment of Colorectal Cancer Using MicroRNA	Prof. Dr. Kai Dang <i>School of Life Sciences, Northwestern Polytechnical University, China</i>
		BMS 109: Predicting Piwi-interacting RNA (piRNA) Using K-mer Feature Extraction and Support Vector Machine	Mr. Muhammad Tayyeb Mirza <i>Pakistan Institute of Engineering and Applied Sciences (PIEAS), Islamabad Pakistan</i>

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Day 3: January 10, 2019

Invited Talks	9:30 -10:40	China-Pakistan Economic Corridor; Prospects and Challenges for Livestock Sector, Balochistan, Pakistan	Prof. Dr. M. Massod Tariq Kiani <i>Centre for Advanced Studies in Vaccinology & Biotechnology (CASVAB), Quetta, Pakistan</i>
		BMS 887: NBC Defence: Advance Decontamination System for Maritime Applications	Dr. Saeed Akhtar Bhatti <i>CESAT, Islamabad Pakistan</i>
Plenary Session V	10:40 -11:00	BMS 127: Development of Resorb-able Nano Composite Membranes for Orthodontic Applications	Ms. Farhana Hasham <i>National University of Sciences and Technology (NUST), Islamabad Pakistan</i>
	11:00 -11:30	TEA	
Invited Talks	11:30 -12:10	Virus Genomics & Evolution Inter-host and Intra-host Evolution of Ebola Virus	Prof. Dr. Liu Di <i>Wuhan Institute of Virology (WIV), Chinese Academy of Sciences (CAS), China</i>
Plenary Session VI	12:10 -1:00	BMS 299: How ESBL- and carbapenemase- producing genes are mobilized- analysis of Escherichia coli isolates recovered from poultry retail meat in District Mardan KPK Pakistan	Dr. Sadeeq Ur Rahman <i>College of Veterinary Sciences and AH, Abdul Wali Khan University, Mardan, Pakistan</i>
		BMS 9: Blood vessel regeneration by using SP and SDF-1 eluting vascular grafts	Dr. Muhammad Shafiq <i>Pakistan Institute of Engineering and Applied Sciences (PIEAS), Islamabad Pakistan</i>
	1:00 -2:00	LUN C H	

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Invited Talk	02:00 -02:40	Design of aldose reductase inhibitors as agents for the potential treatment of diabetic complications	Prof. Dr. Changjin Zhu <i>Beijing Institute of Technology, China</i>
Plenary Session VII	2:40 -4:20	Strategy of a microbiologist to work with unknown biological sample for early (bench level) recognition of select agent	Ms. Darakhshan Guhar <i>CESAT, Islamabad Pakistan</i>
		BMS 45: Integration of AirQ+ and particulate matter mass concentration to calculate health and ecological constraints in Islamabad, Pakistan	Mr. Tariq Mehmood <i>National Center for Physics Islamabad, Pakistan</i>
		BMS 838: Effective Study of Home plants in Purity of Territory by utilizing Wireless Sensor System	Mr. Muhammad Yasir Imam <i>Alhamd Islamic University Islamabad</i>
		BMS 732: Association of Vitamin D binding protein polymorphism with risk of type 2 diabetes mellitus in a Pakistani urban population: A case control study	Ms. Khalida Iqbal <i>CESAT, Islamabad Pakistan</i>
		BMS 185: Protein-protein interaction network of prostate cancer	Mr. Omaid Ghayyur <i>Department of Computer Science Capital University of Science & Technology Islamabad, Pakistan</i>
Closing	4:20 -4:30	Closing Address and vote of thanks by Program Coordinator	Prof. Dr. Saifullah Khan <i>CESAT, Islamabad Pakistan</i>