

15th IBCAST 2018: BioMedical Sciences (BMS)

Technical Program

Overview

Updated on:
January 8, 2018

	09:30- 11:00		11:30 - 1:00		2:00 -4:30									
Day-1 January 09,2018 Tuesday	REGISTRATION				LUNCH	Welcome Address		Invited Talks		Plenary Session I				
						Prof. Dr. Saifullah Khan	Prof. Dr. Hongping Wei	Dr. Ikram ul Haq	BMS 366	BMS 646				
Day-2 January 10,2018 Wednesday	Invited Talks		Plenary Session II				Invited Talks			Plenary Session III				
	Prof. Dr. M. Kamran Azim	Prof. Dr. Irshad Hussain	BMS 522	BMS 660	BMS 205	BMS 543	Prof. Dr. Xiaomin Hu	Dr. Iftikhar Ahmed	BMS 611	BMS 118	BMS 470			
Day-3 January 11,2018 Thursday	Invited Talks	Plenary Session IV		TEA	Invited Talk	Plenary Session V			Invited Talk	Plenary Session VI			Panel Discussion	Closing
	Dr. Rizwana Waraich	Ms. Gulnaz	BMS 471		Prof. Dr. Bo Zhang	BMS 472	BMS 468	Dr. Shahzad Ali	BMS 321	BMS 455	BMS 502	BMS 614	All Chairs and Co-Chairs	Prof. Dr. Saifullah Khan

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Day 1: January 9, 2018

	09:30 - 1:00	REGISTRATION	
	1:00 - 2:00	LUNCH	
Welcome address	2:00 - 2:20	Welcome address by Program Coordinator	Prof. Dr. Saifullah Khan <i>Centre of Excellence in Science & Applied Technology (CESAT), Islamabad, Pakistan</i>
Invited Talks	2:20 - 3:00	Towards Rapid Detection of Antimicrobial Resistance	Prof. Dr. Hongping Wei <i>WIV, CAS China</i>
	3:00 - 3:40	BMS 360: Nosocomial Infections: A Risk Factor for Antimicrobial Resistance and Threat to Human Health in Veterinary Establishments in Punjab, Pakistan.	Dr. Ikram ul Haq <i>University of Veterinary and Animal Sciences, Lahore, Pakistan</i>
Plenary Session I Session Chair: Dr. Rakhshanda Bilal Session Co-Chair:	3:40 - 4:00	BMS 366: Use of Physiological Biomarker for Detection of Level of Infection in Experimental Animals	Dr. Muhammad Usman <i>University of Veterinary and Animal Sciences, Lahore, Pakistan</i>
	4:00 - 4:20	BMS 646: Study of Gender Preference of Hepatitis Virus in Suspected Patients from Islamabad and Karachi (Southern and Northern parts of Pakistan)	Mr. Waqar Hassan <i>CESAT, Islamabad</i>
	4:20 - 4:30	Discussion & Wrap-up session	

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Day 2: January 10, 2018

Invited Talks	9:30 -10:15	Application of Next Generation DNA Sequencing in Bacterial Genomics	Prof. Dr. M. Kamran Azim <i>Muhammad Ali Jinnah University, Karachi, Pakistan</i>
	10:15 -11:00	Development in Nanoparticles Research for Biomedical Applications	Prof. Dr. Irshad Hussain Lahore University of Management Sciences, Lahore, Pakistan
	11:00 -11:30	TEA	
Plenary Session II Session Chair: Dr. Fouzia Yousuf Session Co-Chair:	11:30 -11:50	BMS 522: Evaluation of Indigenously Developed Quick Identification System (QTS-12) with API 10S	Ms. Noor Afshan <i>CESAT, Islamabad</i>
	11:50 -12:10	BMS 660: Software Application for QTS24 Test Strip	Mr. Shoukat Ali <i>CESAT, Islamabad</i>
	12:10 -12:35	BMS 205: Protein Binding Affinity Prediction using Support Vector Regression with Interfacial Features	Ms Adiba Yaseen <i>Institute of Engineering and Applied Sciences, Pakistan</i>
	12:35 -1:00	BMS 543: Comparison of APRI, FIB-4 and Fibro Test in Prediction of Fibrosis and Cirrhosis in Patients with Hepatitis C	Ms. Iram Zubair <i>University of Engineering and Technology, Lahore, Pakistan</i>
	1:00 - 2:00	LUNCH	

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Invited Talks	2:00 - 2:45	Lysinibacillus Sphaericus: Mechanism and Application as a Bio-pesticide Against Mosquito	Prof. Dr. Xiaomin Hu <i>Wuhan Institute of Virology, Chinese Academy of Sciences, China</i>
	2:45 - 3:30	Known Heavy Metals-Tolerant bacteria: Their Potential Usage in Bioremediation and Agriculture	Dr. Iftikhar Ahmed <i>NARC, Islamabad</i>
Plenary Session III Session Chair: Session Co- Chair:	3:30-3:50	BMS 611: Efficacy Study of Indigenously Developed Mosquito Repellent BiteFree & its Comparison with Commercially Available Mosquito Repellent	Ms. Nasrin Abdul Hai <i>CESAT, Islamabad</i>
	3:50 - 4:10	BMS 118: Numerical Modeling of Toxoplasmosis Disease Transmission Dynamics	Dr. Muhammad Rafiq <i>University of Central Punjab Lahore, Pakistan</i>
	4:10 - 4:30	BMS 470: Characterization and Mechanism of Dissemination of Extended Spectrum Beta-lactamase Producers Escherichia coli	Dr. Sadeeq Ur Rahman <i>College of Veterinary Sciences and AH, Abdul Wali Khan University, Mardan, Pakistan</i>

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Day 3: January 11, 2018

Invited Talks	9:30 -10:10	BMS 656: A New Glycotoxin Inhibitor Mitigates Diabetes in Genetic Mice Model	Dr. Rizwana Sanaullah Waraich <i>International Centre for Chemical and Biological Sciences, Karachi, Pakistan</i>
	10:10 -10:40	BMS 459: Incidence of Mycoflora in Animal Feed and Feed Ingredients	Ms Gul Naz <i>UVAS, Lahore Pakistan</i>
Plenary Session IV Session Chair: Prof. Dr. Kamran Azeem Session Co-Chair:	10:40 -11:00	BMS 471: Bacteriological and Mycological Analysis of Mixed Vegetable Salads for Toxic Potential	Dr. Saba Sana <i>UVAS, Lahore Pakistan</i>
	11:00 -11:30	TEA	
Invited Talks	11:30 -12:10	Reverse Genetic of Chikungunya Virus (CHIKV) and their Application	Prof. Dr. Bo Zhang <i>WIV, CAS, China</i>
Plenary Session V Session Chair: Prof. Dr. Kamran Azeem Session Co-Chair:	12:10 -12:40	BMS 472: Efficacy of Anti-Babesia Drugs in Relation to Hematological Parameters under Experimental Conditions in Dogs	Dr. Muhammad Tayyub <i>UVAS, Lahore Pakistan</i>
	12:40 -1:00	BMS 468: Microbiological Quality Assessment and Antibiotic Resistance Pattern of Bacteria Isolated from Fresh Indigenous Juices	Ms. Hafza Rahat Farooq <i>UVAS, Lahore Pakistan</i>

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	1:00 -2:00	LUNCH	
Invited Talk	2:00 - 2:40	Genomic Based Detection of Brucella DNA in Human Serum: A Comparison of Real-time Polymerase Chain Reactions (qRT-PCR) and Conventional Polymerase Chain Reactions	Dr. Shahzad Ali <i>UVAS, Lahore Pakistan</i>
Plenary Session VI Session Chair: Prof. Dr. Hongping Wei Session Co-Chair:	2:40 - 3:00	BMS 321: Dynamics of Aflatoxin Producing Fungi in Home Mixed and Commercial Poultry Feed	Dr. M. Asad Ali <i>UVAS, Lahore Pakistan</i>
	3:00 - 3:20	BMS 455: Fancy Birds: Carriers of Antibiotic Resistant Salmonellae and <i>Escherichia coli</i>	Ms. Nageen Sardar <i>UVAS, Lahore Pakistan</i>
	3:20 -3:40	BMS 502: Technique for the Detection of Human Pathogen via Maintenance of <i>Leishmania</i> promastigote in Blood Agar Culture Medium	Mr. Sana Ullah <i>CESAT, Islamabad Pakistan</i>
	3:40 -4:00	BMS 614: Malarial Parasite Recognition in Microscopic Images	Mr. Arslan Khalid <i>COMSATS Institute of Information Technology, Lahore Pakistan</i>
Panel Discussion	4:00 -4:20	Bio-Medical Sciences (BMS) Panel Discussion	All Chairs & Co-Chairs
Closing	4:20 -4:30	Closing Address and vote of thanks by Program Coordinator	Prof. Dr. Saifullah Khan <i>CESAT, Islamabad Pakistan</i>