

4th ANNUAL NEUROSCIENCE CONFERENCE - 2018

Exploring the Brain

Saturday, October 13th, 2018
09:00am to 05:00pm
Aga Khan University Auditorium, Karachi

Programme

Time	Topics	Speakers	Affiliation
08:30 – 09:00	Registration		
Session I: Plenary Session 09:00am – 09:55am			
09:00 – 09:10	Tilawat-e-Qur'an		
	Welcome of Delegates	Dr. Sadaf Ahmed	AEIRC, Pakistan
	Introduction	Prof. Syed Ather Enam	AKU, Karachi
09:10 – 09:25	Address of Chief Guest	Prof. Dr. Arif Siddiqui	Vice Chancellor, Barret Hodgson University, Karachi
09:25 – 09:55	Keynote lecture	Dr. Ayeesha Kamal	AKU, Karachi

Session II: Invited Lectures 09:55am – 11:45am			
Chair: Dr. Nasir Raza Awan - Co-Chair: Dr. Qurat Khan - Moderator: Mr. Syed Mustafa Jamal			
09:55 – 10:10	Electrical Stimulation on The Lacrimal Gland to treat dry eye syndrome	Dr. Zia Mohyuddin	Sir Syed University, Karachi
10:10 – 10:25	From Cajal to Connectomics: Understanding Brain Disorders Beyond Genomics	Prof. Nikhat Ahmed Siddiqui	Barrett Hodgson University, Karachi
10:25– 10:40	Piperine attenuates the cancerous activity response in Neuro-2a cell line	Dr. Sonia Siddiqui	Dow University of Health Sciences, Karachi
10:40 – 10:50	Identifying a Novel Biomarker for Traumatic Brain Injury Using an H1 NMR-based Approach	Ms. Soha Iqbal	Imperial College London, UK
10:50 – 11:00	Molecular markers and infectious etiology of Glioma	Dr. Syed Adnan Ali	Aga Khan University, Karachi
11:00 – 11:15	Non-invasive electrical stimulation of the Vagus Nerve for Migraine	Dr. Nasir Raza Awan	Sharif Medical & Dental College, Lahore
11:15 – 11:45	Tea Break		

Session III: 11:45am – 1:00pm Free Papers (6 minutes Talk) Chair: Dr. Sonia Siddiqui – Co-Chair: Dr. Fazal Arain - Moderator: Mr. Shamoona Naushad		
11:45 – 11:51	Translation and Validation of 10/66 Dementia Diagnostic Battery in Urdu in Karachi, Pakistan	Qurat Khan
11:51 – 11:57	Brainwave Frequencies And our Health	Sajjad Hassan Ansari
11:57 – 12:03	Chronic agmatine treatment modulates behavioral deficits induced by chronic unpredictable stress in wistar rats	Hira Rafi
12:03 – 12:09	Sodium and water imbalance after sellar, suprasellar, and parasellar surgery	Shehrish Nizar Ali Momin
12:09 – 12:15	Autoantibodies is diagnostic tool in mental illnesses conditions	Samiyah Tasleem
12:15 – 12:21	Free l-glutamate-induced modulation in oxidative and neurochemical profile contributes to enhancement in locomotor and memory performance in rats	Saiqa Tabassum
12:21 – 12:27	How Sleep Pathology Impairs Quality of Relationship	Fatima Karim
12:27 – 12:33	Patterns of sleep in medical and non-medical students of Karachi, Pakistan : A cross-sectional study	Wajiha Naseer
12:33 – 12:39	Neurophysiological Perspectives of Borderline Personality Disorders	Areeba Nisar
12:39 – 12:45	beyond antioxidants: epigenetic regulation of redox	Ann'ah Askari
12:45 – 12:51	A holistic review of vitiligo from its Neuro-Psycho-Immunologic Pathology to Epidemiology and Treatment	Saima Mehmood/ Rida rafi
12:51 – 01:00	Question & Answer	

Session IV: 01:00pm – 01:30pm Panel Discussion	
01:00 – 01:30	How to reach out to more Neuroscientists in Pakistan <u>Moderator:</u> Dr. Sadaf Ahmed <u>Panelist:</u> Prof. Nikhat Ahmed Siddiqui, Dr. Nasir Raza Awan, Dr. Sonia Siddiqui, Dr. Zia Mohyuddin

01:30 – 02:30	Lunch & Prayer
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Session V: Invited Lectures 02:30pm – 05:30pm Chair: Prof. Nikhat Ahmed Siddiqui - Co-Chair: Dr. Zia Mohyuddin - Moderator: Ms. Soha Iqbal			
02:30 – 02:35	Update: The Science Bridge (Video Conference via Zoom)	Prof. Mazahir T. Hasan	Achucarro Basque Center for Neuroscience, Biocruces Bizkaia Health Research Institute, Bilbao, Spain
02:35 – 03:00	Genetic approaches to map and interrogate the organization of memory circuits (Video Conference via Zoom)	Prof. Mazahir T. Hasan	Achucarro Basque Center for Neuroscience, Biocruces Bizkaia Health Research Institute, Bilbao, Spain
03:00 – 03:15	Improving Therapy in Anorexia Nervosa with Tryptophan	Prof. Darakhshan J. Haleem	PCMD, University of Karachi
03:15 – 03:25	Modifying Schwann Cell response for Nerve Regeneration	Mr. Syed Mustafa Jamal	University of Florida, USA
03:25 – 03:55	Methods in Neuroscience (Video Conference Via Zoom)	Prof. Joshua R. Sanes	Center for Brain Science, Harvard University, Boston, USA
03:55 – 04:05	Regional variations in Glioblastoma Multiforme pathology and gene expression	Dr. Fazal Arain	Aga Khan University, Karachi
04:05 – 04:20	Targeting neuroinflammation in Alzheimer's disease (Video Conference Via Zoom)	Prof. Magdalena Sastre	Imperial College London, UK
04:20 – 04:35	Neuroimaging: Moving beyond anatomy	Prof. Zafar Sajjad	Aga Khan University, Karachi
04:35 – 05:00	Vote of Thanks & Certificate Distribution	Prof. Syed Ather Enam	AKU, Karachi