



# Translational Neurophysiology & Cognition

## Satellite Symposium for the Indian Academy of Neurosciences (IAN) Annual Conference (Online)

Jointly organized by the Indian Academy of Neurosciences (IAN)  
and

Department of Physiology, University of Calcutta  
CPEPA-Centre for "Electrophysiology and Neuroimaging including Mathematical Modelling," University of Calcutta

**November 10, 2021**

<b>The opening song (8.00 am) followed by an Inaugural program</b>		Announcement by Dr. Sreya Chattopadhyay (Asst. Prof., Dept Physiology), CU	
1.	8.10 am - 8.20 am	Inaugural Address	Honorable Pro-Vice-Chancellor (Academic Affairs), University of Calcutta (Chairperson)
2.	8.25 am - 9.15 am	Introduction to IAN & satellite symposium	Dr. Jayasri Das Sarma (Prof., IISER, Kolkata, convener IAN-2021), (Co-Chairperson, satellite symposium) will introduce Dr Ishan K. Patro (President-IAN); Dr Pralhad K Seth (Founder of IAN and IBRO-FAONS Representative - IAN); Dr. Vinnay Khanna (Secretary Headquarter IAN), Dr Pankaj Seth (General Secretary-IAN)
3.	9.20 am - 9.30 am	Introduction to Department of Physiology, CU	Dr. Somnath Gangopadhyay (Prof., Dept Physiology), University of Calcutta (Convener)
4.	9.35 am - 9.45 am	Introduction to CPEPA-Centre, CU	Dr. Pritha Mukhopadhyay (Prof., Dept Psychology & Coordinator, CPEPA-Centre), University of Calcutta (Convener)
5.	9.50 am - 10.00 am	Introduction to the topic of the symposium	Dr. Nilkanta Chakrabarti (Prof., Dept Physiology & PI, CPEPA), University of Calcutta (Organizing Secretary)
<i>Break: 10 min</i>			
<b>Scientific Session-I: "Clinical case studies."</b>			
Invited talks		Chaired by: Dr. Debasish Bandyopadhyay, (Prof., Dept Physiology & PI, CPEPA), CU	
6.	10.10 am - 10.40 am	<b>Dr. Hrishikesh Kumar</b> (Neurologist, INK, Kolkata)	Title: <b>Brain simulation in Lewy body disease</b>
7.	10.45 am - 11.15 am	<b>Dr. Atanu Biswas</b> (Neurologist & Prof., BIN, IPGME&R, Kolkata)	Title: <b>COVID19 and cognitive impairment</b>
<i>Break: 10 min</i>			
<b>Scientific Session-II: "Psychobehavioural approaches."</b>			
Invited talks		Chaired by Dr. Sanjukta Das (Prof., Dept Psychology & PI, CPEPA) & Dr. Swarup Poria (Prof., Dept Appl Math & PI, CPEPA), CU	
8.	11.25 am - 11.55 am	<b>Dr. Laxmi T. Rao</b> (Prof., Neurophysiology, NIMHANS, Bengaluru)	Title: <b>Causes and consequences of anxiety-induced changes in cognition and behavior</b>
9.	12.00 am - 12.30 pm	<b>Dr. Manas Kumar Mandal</b> (Prof., Humanities & Social Sci., IIT-Kgp)	Title: <b>Cognitive Neuroscience: a translational approach</b>
<i>Lunch Break: 1 hr.</i>			
<b>Scientific Session-III: "Molecular interactions to systems biology."</b>			
Invited talks		Chaired by Dr. Biswadev Bishayi (Prof., Dept Physiology), CU	
10.	1.30 pm - 2.00 pm	<b>Dr. Amal Bera</b> (Prof., Biotechnology, IIT-Madras)	Title: <b>Pannexin-P2X7 receptor interaction and its role in Parkinson's Disease</b>
11.	2.05 pm - 2.35 pm	<b>Dr. Basant K. Tiwary</b> (Prof., Bioinformatics, Pondicherry University)	Title: <b>Molecular co-evolution of cognition &amp; speech in human</b>
<i>Break: 10 min</i>			
<b>Scientific Session-IV: Presentation by research scholars/students (interdisciplinary approaches)</b>			
<b>Part-1: Research scholar presentation</b>		Chaired by Dr. Sanjit Dey (Prof., Dept Physiology & PI, CPEPA), CU	
12.	2.45 pm - 2.55 pm	Presentation -1	Selected candidates after reviewing the submitted abstracts by the members of the scientific committee (faculty members of Physiology and PI-members of CPEPA-centre).
13.	3.00 pm - 3.10 pm	Presentation -2	
14.	3.15 pm - 3.25 pm	Presentation -3	
<b>Part-2: Students (M.Sc.) presentation</b>		Chaired by Dr. Roshnara Misra (Assoc. Prof., Dept Physiology), CU	
15.	3.35 pm - 3.45 pm	Presentation -4	Selected candidates after reviewing the submitted abstracts by the members of the scientific committee (faculty members of Physiology and PI-members of CPEPA-centre).
16.	3.50 pm - 4.00 pm	Presentation -5	
17.	4.05 pm - 4.15 pm	Presentation -6	
<i>Break: 15 min</i>			
<b>Valedictory session</b>		Announcement by Dr. Amit Bandopadhyay (Asst. Prof., Dept Physiology), CU	
18.	4.30 pm - 5.00 pm	Announcement of the rank of presentation by scholar/students followed by a valedictory session	

Online management: Dr. Rajen Haldar (Asst. Prof., Dept Physiology) CU

Participants are requested to register following the link by October 15, 2021

[Registration](#)

Interested participants are requested to submit abstracts within 250 words to be selected for a 10-minute presentation by research scholars/students from multidisciplinary fields. The abstracts having title, authors (underline the presenting author), and affiliations must be submitted following the link:

Web link - <https://www.iiserkol.ac.in/~ian2021/>

[Abstract Submission](#)