

Scientific Program

Day I

Saturday, November 25, 2023

2.00 p.m. to 2.30 p.m.

**Registration
High Tea**

2:30 p.m. to 3:00 p.m.

Inauguration

3:00 p.m. to 5:00 p.m.

SESSION I: *Parkinson's disease: basic understanding and non-pharmacological therapies*

Chairperson: Dr. Sasanka Chakrabarti, MMIMSR, MMDU, Mullana, Haryana
Dr. Kalyan Brata Bhattacharyya, Medica Superficiality Hospital, Kolkata
▶ Introducing the topic (10 minutes)

Speaker 1: Prof. Kallol Ray Chaudhuri, King's College London

▶ Subtypes and the dashboard for Parkinson's disease (40 minutes)

Speaker 2: Dr. Hrishikesh Kumar, INK, Kolkata

▶ Non-invasive stimulation in Parkinson's disease (30 minutes)

Speaker 3: Dr. Subhayan Mondal, Neurosurgeon, Kolkata

▶ Neuromodulation in Parkinson's disease – scope, concept and innovation (30 minutes)

5:00 p.m. to 6:00 p.m.

SESSION II: *Rare CNS Disorders*

Chairpersons: Prof. Debasish Basu, KPC Medical College, Kolkata
Prof. Debasish Basu, The WB university of Health Sciences, Kolkata

Speaker 1: Dr. Sumita Danda, CMC&H, Vellore

▶ Rare genetic CNS disorders - The CMC Vellore experience (30 minutes)

Speaker 2: Dr. Mohammed Faruq, CSIR-IGIB, New Delhi

▶ Hereditary ataxias: two decades of learning in Indian scenario (30 minutes)

6:00 p.m. to 6:30 p.m.

Tea & snacks

Day II

Sunday, November 26, 2023

9:00 a.m. to 11.00 a.m.

SESSION III:

Young Investigators' Forum

Coordinators: Dr. Subhayan Mondal, Neurosurgeon, Kolkata
Dr. Subhra Prakash Hui, SN Pradhan Centre for Neurosciences, CU

12 speakers (7 minutes talk + 2 minutes discussion for each speaker)

Speaker 1: Sourav Panda, NRS Medical College, Kolkata —Three unique cases of early onset Parkinsonism with Dystonia and their phenotypic and Genotypic correlation.

Speaker 2: Samudra Gupta, S N Pradhan Centre for Neurosciences, Kolkata —Unraveling the injury-induced epigenetic regulations associated with zebrafish spinal cord regeneration.

Speaker 3: Bonny Sen, NRS Medical College, Kolkata —Spectrum of Pediatric Epileptic Encephalopathy- recognition of genotypic variants & treatment approach— A case series from a tertiary care hospital in Eastern India.

Speaker 4: Naqiya Ambareen, CSIR-IICB, Kolkata —Sertad1 depletion restores autophagy dysfunction and cognitive deficits in 5xFAD mice model of Alzheimer's disease.

Speaker 5: Piali Chatterjee, BIN and IPGME&R, Kolkata —Metaphor comprehension: Potential tool for early detection of dementia.

Speaker 6: Madhav Sharma, IISER Kolkata, Mohanpur, West Bengal —Ifit2 restricts murine Coronavirus spread and demyelination in the spinal cord.

Speaker 7: Subrata Halder, CNMC&H, Kolkata —Hirayama disease: A Study of clinical electrophysiological and radiological characteristics in a Medical College of Eastern India.

Speaker 8: Kollipara Sumanth, BIN, Kolkata —The study of SCN1A and SCN2A gene polymorphisms in Epilepsy and their effects on anti epileptic responsiveness.

Speaker 9: Arunima Roy, National Neurosciences Centre, Kolkata —Arg4810Lys mutation in *RNF213* among Eastern Indian non-MMD ischemic stroke patients: a genotype - phenotype correlation

Speaker 10: Ayan Garai, CNMC&H, Kolkata —Initial presentation and clinico-radiological profile of Subacute Sclerosing Panencephalitis in an Eastern Indian Tertiary Care Hospital

Speaker 11: Grishma Kastle, IISER Kolkata, Mohanpur, West Bengal —ER stress inhibition restricts murine β -coronavirus infectivity and spread by modulating gap junction protein Cx43 expression and trafficking

Speaker 12: Pratiti Bhattacharjee, CNCI, Kolkata —Role of axon guidance molecules as a promising neural regulator in promoting ovarian tumor progression.

11:00 a.m. to 11:30 a.m. **Tea**

11:30 a.m. to 12:30 p.m. **SESSION IV: *Alzheimer's disease: basic understanding and immunotherapy***

Chairpersons: Dr. Pranab K Sarkar, ex-CSIR-IICB, Kolkata
Prof. Kartik Ghosh, NRSMCH, Kolkata

Speaker 1: Dr. Subhas C Biswas, CSIR-IICB, Kolkata

▶ *Glial contribution in Alzheimer's disease pathogenesis (30 minutes)*

Speaker 2: Dr. Durjoy Lahiri, INK, Kolkata

▶ *Anti-amyloid therapies in Alzheimer's Disease: Changing landscape for memory clinics (30 minutes)*

12:30 p.m. to 1:30 p.m. **SESSION V: *Yoga as nonconventional therapy for neurological disorders***

Chairpersons: Prof. G. P. Mandal, CNMCH, Kolkata
Dr. Sumantra Das, ex-CSIR-IICB

Speaker 1: Dr. Akshay Anand, PGI, Chandigarh

▶ *Theory, concept and neuroscience of yoga (30 minutes)*

Speaker 2: Dr. Amitabha Ghosh, Apollo Gleneagles Hospital, Kolkata

▶ *Does meditation delay cognitive decline (30 minutes)*

1:30 p.m. to 2:00 p.m. VALEDICTORY SESSION

2:00 p.m. to 3:00 p.m. Lunch

3:00 p.m. onwards General Body Meeting
