

NEUROCON-2019

PROGRAM SCHEDULE

PRE-CONFERENCE WORKSHOP

**“ASSESSMENT OF MITOCHONDRIAL FUNCTION IN HEALTH &  
DISEASE”**

**15<sup>th</sup> NOVEMBER, 2019**

**(9:30 AM – 1:30 PM)**

**PROF. ERICH GNAIGER**

**MEDICAL UNIVERSITY OF INNSBRUCK, AUSTRIA**

**OROBOROS INSTRUMENTS**

## INAUGURATION (15.11.2019)

6:00-7:00 PM	Inauguration & Felicitation
7:00 - 8:40 PM	<b>Felicitation lecture (40 mins x 2)</b> <b>Dr. Roberto Cappai</b> "The Amyloid Precursor Protein Family and Its Role in Health and Disease"  <b>Dr. Sumantra Das</b> "How docosahexanoic acid affects astrocytes"  <b>Rapid Fire Session (15 mins)</b> Dr. K.P. Mohanakumar Prof.. Harry W. Steinbusch Prof. M K Thakur  <b>Chairperson:</b> <b>Prof. Walter E Muller</b> <b>Prof. B S S Rao</b>
8:40 – 10:00 PM	Dinner

## DAY 1 : (16.11.2019)

8:00 – 9:00 AM	Breakfast
9:00 - 9:35 AM	<b>Plenary Lecture – 1 : Prof. D.P. Burma Memorial Lecture (35 mins)</b> <b>Prof. Harry W. Steinbusch</b> "Brainstem and Epigenetic Dysfunctions in Neuropsychiatric Disorders – AD/Depression"
9.35 – 9.50 AM	<b>Rapid Fire Session :</b>  <b>Prof. B.S.S. Rao</b> <b>Dr. R.Usha</b> <b>Prof. Walter E. Muller</b>  <b>Chairperson:</b>

	<p><b>Dr. Rita Banerjee</b> <b>Prof. Roberto Cappai</b></p>
9.50 – 10.05 AM	Tea Break
10:05 – 12.05 PM	<p><b>Original Work Presentation Session – 1 (25 mins x 4)</b></p> <p><b>Dr. Pankaj Seth</b> " Molecular Insights into ZikaVirus Induced Neuropathogenesis"</p> <p><b>Dr. Mousumi Mutsuddi</b> " Insight into the molecular mechanism of Neurodegenerative diseases using <i>Drosophila</i> model"</p> <p><b>Dr. Prakash Babu Phanithi</b> " Cognitive impairment in experimental cerebral malaria"</p> <p><b>Dr. B.N. Srikumar</b> " Animal Models of Treatment-Resistant Depression: A Bedside to Bench Approach"</p> <p><b>Panel Discussion Session : 20 mins</b> <b>Upasana Ganguly</b> <b>Ela Mishra</b> <b>Ritwick Mondal</b> <b>Anima Roy</b></p> <p><b>Chairperson:</b> <b>Prof. M K Thakur</b> <b>Dr. Marco Bisaglia</b></p>
12.05-1.15 PM	<p><b>Review Session – 1 : (35 mins x 2)</b></p> <p><b>Prof. Georg Reiser (Prof Rajshankar Memorial Lecture)</b> " Control of brain energy metabolism, neural protection and glial cell proliferation"</p> <p><b>Dr. Erich Gnaiger</b> " Obesity and decline of aerobic exercise capacity, mitochondrial fitness and neurodegeneration: from Caucasian to Asian Indian populations"</p>
1.15-1.30 PM	<p><b>Rapid Fire Session :</b></p> <p><b>Dr. Isaac Onyango</b> <b>Dr. Sumantra Das</b> <b>Prof. Kunlin Jin</b></p>

	<p><b>Chairperson</b>  <b>Prof. Debomoy Lahiri</b>  <b>Prof. Suvarna Prasad</b></p>
1.30 – 2.30 PM	Lunch Break
2.30 – 3.40 PM	<p><b>Review Session – 2 (35 mins x 2)</b></p> <p><b>Prof. Kunlin Jin (Prof. M S Kanungo Memorial Lecture)</b>  “ Serum exosomes as an inflammatory mediator influence on stroke outcome”</p> <p><b>Prof. Guo-Yuan Yang</b>  “ Advance of study in ischemic stroke therapy and molecular mechanisms”</p>
3.40 – 3.55 PM	<p><b>Rapid Fire Session :</b>  <b>Prof Roberto Cappai</b>  <b>Prof. Shukla Prasad</b>  <b>Prof. Pankaj Seth</b></p> <p><b>Chairperson</b>  <b>Prof H. Steinbusch</b>  <b>Prof. Anil K Sharma</b></p>
3.55 – 5.05 PM	<p><b>Young Scientists Forum : Oral Presentation (10 mins x 7)</b></p> <p>Ms. Ela Mishra  Mr. Ranjeet Kumar  Rinkuraj M  Mr. Subhadeep Dutta Gupta  Ms. Sukanya Sarkar  Ms. Upasana Ganguly  Ms. Wing Shan Yu</p> <p><b>Chairperson</b>  <b>Prof. K P Mohanakumar</b>  <b>Dr. Saradindu Bali</b></p>
5.05 – 5.20 PM	Tea Break
5.20 – 7.25 PM	<p><b>Original Work Presentation – 2 (25 mins x 5)</b></p> <p><b>Dr. Subhas C. Biswas</b></p>

<p>7.25-7.45 PM</p>	<p>" Subtle genomic DNA damage triggers amyloid-<math>\beta</math> production via ER stress and mitochondrial hyper fusion"</p> <p><b>Dr. Surendra K. Trigun</b> " Mitochondrial SIRT3: A hot spot in the pathogenesis of an excitotoxic brain disorder"</p> <p><b>Dr. R. Usha</b> " Hyperserotonemia in autism spectrum disorder (ASD): Mitochondrial basis"</p> <p><b>Prof. Mahendra K. Thakur</b> "Vdac1 silencing causes loss of memory through mitochondrial disintegration and neurodegeneration in mouse hippocampus"</p> <p><b>Prof. Md. Nasrul Huda</b> "Remote ischemic conditioning (RIC) therapy in Neurovascular Injury"</p> <p><b>Panel Discussion</b> <b>Jit Poddar</b> <b>Wing S Yu</b> <b>Vineeta Singh</b> <b>Aditi Naskar</b> <b>Manu Mathew</b></p> <p><b>Chairperson</b> <b>Erich Gnaiger</b> <b>Paramita Bhattacharya</b></p>
<p>7.45 – 8.35 PM</p> <p>8.35-8.50 PM</p>	<p><b>Review Session – 3</b></p> <p><b>Dr. Walter E. Müller (35 mins)</b> " Anxiolytic and antidepressant properties of Silexan (standardized lavender oil): Focus on neuroplasticity"</p> <p><b>Dr. Sarama Saha (15 mins)</b> " Gut microbiota and nutraceuticals: cross-talk in neurodegeneration"</p> <p><b>Rapid Fire Session :</b> <b>Prof Prakash Babu</b> <b>Dr. B N Srikumar</b> <b>Dr L W Lim</b> <b>Dr. Dileep Ghosh</b></p> <p><b>Chairperson</b> <b>Prof. Amit Mittal</b> <b>Prof G-Y Yang</b></p>

8.50-10.30 PM	Dinner
10-30 – 12 midnight	Post Dinner Round table conference

DAY 2 ( 17.11.2019 )

8.00 – 9.00 AM	Breakfast
9.00 – 9.35 AM	<p><b>Plenary Lecture – 2 : (Prof. J.J. Ghosh Memorial Lecture)</b>  <b>Dr. Debomoy Lahiri (35 mins)</b>          “Alzheimer’s Disease microRNA Exploration (ADmiRE) provides novel drug targets”</p>
9.35-9.50 AM	<p><b>Rapid Fire :</b>  <b>Prof. H. Steinbusch</b>  <b>Prof. Sasanka Chakrabarti</b>  <b>Prof. G.Reiser</b></p> <p><b>Chairperson:</b>  <b>Prof. Kunlin Jin</b>  <b>Dr. Paramita Bhattacharjee</b></p>
9.50 – 11.50 AM	<p><b>Original Work Presentation – 3 (25 mins x 4)</b></p> <p><b>Dr. Marco Bisaglia</b>          “Dopamine Toxicity in Parkinson’s Disease”</p> <p><b>Dr. Lee Wei Lim</b>          “Therapeutic potential of prefrontal cortical stimulation for depression and dementia”</p> <p><b>Prof. B.D Banerjee</b>          “Radiofrequency microwave radiation induced stress in mental health”</p>

	<p><b>Prof. K.P. Mohanakumar</b>          "Irsogladine : A Repositioned Molecule as a New Drug Entity for Parkinson's Disease"</p> <p><b>Panel Discussion</b>  <b>Sukanya Sarkar</b>  <b>Shramana Deb</b>  <b>Amrita Bhatt</b>  <b>Dipshikha Tamili</b></p> <p><b>Chairperson</b>  <b>Prof S K Trigun</b>  <b>Dr R Usha</b></p>
11.50 -12.05 PM	Tea Break
12.05 – 1.05 PM	<p><b>Review Session 4</b>  <b>Prof. Shyamal Das Memorial Lecture : Dr. Hrishikesh Kumar (35 mins)</b>          "Two centuries of Parkinson's Disease- What we have achieved and what is the way forward?"</p> <p><b>Dr. Ashish Goel (25 mins)</b>          "Advances in therapies in management of Alzheimer's Disease"</p>
1.05 -1.20 PM	<p><b>Rapid Fire Session :</b>  <b>Prof. Debomoy Lahiri</b>  <b>Prof. Bimal K. Agrawal</b>  <b>Prof Paramita Bhattacharjee</b>  <b>Dr. Sankha Shubhra Chakrabarti</b></p> <p><b>Chairperson</b>  <b>Prof Georg Reiser</b>  <b>Prof Prakash Babu Phanithi</b></p>
1.30 – 2.30 PM	Lunch
2.30 – 4.00 PM	<b>Poster Session</b>
4.00 – 6.05 PM	<p><b>Original Work Presentation – 4</b></p> <p><b>Dr. Isaac Onyango</b>          "Mitochondria as potential therapeutic targets in Alzheimer's disease"</p>

6.05 - 6.25 PM	<p><b>Prof. Sasanka Chakrabarti</b> "Iron cyto-toxicity: myriad pathways and many questions"</p> <p><b>Dr. B.S.S. Rao</b> "Reversible Inactivation of Basolateral Amygdala Prevents Stress-induced Abnormal Synaptic Plasticity and Cognitive Deficits"</p> <p><b>Dr. Akshay Anand</b> "Biological agent for alleviating memory loss artificially caused due to Beta amyloid deposition in mouse"</p> <p><b>Dr. Ramakrishna Omkumar</b> "Neuroprotection by targeting calcium signaling : Challenges and Promises"</p> <p><b>Panel Discussion</b>  <b>Joydeep Roy</b>  <b>Subhaddeep Dutta</b>  <b>Sasibhushana R</b>  <b>Harsha P J</b>  <b>Pooja Roy</b></p> <p><b>Chairperson</b>  <b>Dr L W Lim</b>  <b>Dr Phalguni Alladi</b></p>
6.25-6.40 PM	Tea Break
6.40-8.20 PM          8.20-8.40 PM	<p><b>Original Work Presentation – 5</b></p> <p><b>Dr. Dilip Ghosh (Prof K L Mukherjee Memorial Lecture) : (35 mins)</b> "Cognitive Health throughout different life stages"</p> <p><b>Dr. Paramita Bhattacharjee (25 mins)</b> "1,8-cineole rich supercritical carbon dioxide extract of small cardamom seeds-A potent multi-functional biotherapeutic in combating onset of Alzheimer's disease"</p> <p><b>Dr. S.Prasad (25 mins)</b> "Neuroprotective role of <i>Bacopa monnieri</i> extract in the recovery of cognitive impairments in the scopolamine-induced amnesic mice"</p> <p><b>Dr. Ajay Gupta (25 mins)</b> "Formulated Herbal Drug to Control Aging and Age-Related Diseases"</p> <p><b>Rapid Fire</b>  <b>Prof E Gnaiger</b>  <b>Prof R K Rawal</b>  <b>Dr Phalguni Alladi</b></p>



	<b>Dr S K Trigun</b>
8.40-10.00 PM	Dinner

### DAY 3 (18.11.2017)

8.00 – 9.00 AM	Breakfast
9.00 – 11.05 AM	<p><b>Original Work Presentation – 6 (25 mins x 4)</b></p> <p><b>Prof. Inderjit Singh</b> "Recovery from Experimental Stroke through HIF-1alpha/VEGF Pathway"</p> <p><b>Dr. Phalguni Anand Alladi</b> "Glia modulate aging and MPTP-susceptibility in mice through their distinct molecular signatures in substantia nigra pars compacta"</p> <p><b>Prof. Rajat Sandhir</b> "Hydrogen sulphide reverses LPS-induced behavior deficits by suppressing microglial activation and promoting M2 Polarization"</p> <p><b>Dr. Indrani Datta</b> "Dental pulp stem cells differentiated to astrocyte-like cells protect dopaminergic neurons against 6-hydroxydopamine toxicity"</p> <p><b>Dr. Ravindra K. Rawal</b> "Current Prospectives of Dihydropyrimidinones (DHPMs) Against Alzheimer's Disease: An Overview"</p>
11.05-11.25 AM	<p><b>Rapid Fire</b> <b>R. Cappai</b> <b>K P Mohanakumar</b> <b>Debomoy Lahiri</b></p> <p><b>Chairperson</b> <b>Prof. W. Muller</b> <b>Prof B D Banerjee</b></p>
11.25 -11.35 AM	Tea Break

<p>11.35 -12.55 PM</p>	<p><b>Original Work Presentation – 7 (20 mins x 4)</b></p> <p><b>Dr. Vijayalakshmi K</b>  “Role of oligodendrocytes in sporadic Amyotrophic Lateral Sclerosis : Insights from <i>In vitro</i> studies”</p> <p><b>Dr. Rajesh A. Shenoi</b>  “Novel nanomaterials and drug delivery platforms for neurodegenerative diseases”</p> <p><b>Dr. Goutam Chandra</b>  “Mitochondrial biogenesis as a therapeutic target for Parkinson’s disease”</p> <p><b>Dr. Jay Kant Yadav</b>  “Interfering Amyloid <math>\beta</math> (<math>A\beta</math>) peptide aggregation to develop therapeutic strategies for the treatment of Alzheimer’s disease”</p>
<p>12.55-1.15 PM</p>	<p><b>Panel Discussion</b>  <b>Kamal Mavi</b>  <b>Gulam Rasool Bhat</b>  <b>Garima Chandra</b>  <b>Chinthu V Saji</b>  <b>Gresh Chandra</b></p>
<p>1.15 – 2.00 PM</p>	<p>Valedictory Session</p>
<p>2.00 – 3.30 PM</p>	<p>Lunch</p>