



XLI Annual Meeting of the Indian Academy of Neurosciences and International Conference on BRAIN: CHEMISTRY TO COGNITION

October 4-6, 2023

With Pre-Conference Activities on October 03, 2023

Jiwaji University, Gwalior
(A NAAC Accredited A++ State University)

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School of Studies in Neuroscience/ Zoology, Jiwaji University, Gwalior 474011, India

3rd October 2023

Pre-conference Workshops and Meetings

| | |
|--------------------------------|--|
| 10:30- 15:30 | Workshop 1: Tools and techniques for cognitive behaviour studies, Stereotaxic surgery, and animal dosing Convenors: Richard Mills, Stoeeling Co., Brigham Young University, USA and Anita Talwar, Gentech Marketing & Distributors Pvt. Ltd, New Delhi Venue: School of Studies in Neuroscience, Jiwaji University, Gwalior 1) ANY-maze Software: More Than Just Another Video Tracking System Hands-on setting protocols and analysis by Any Maze 30-day free license by all participants: Richard Mills 2) Stereotaxic Surgery in Rodents: Hands-on motorized stereotaxic with rat skull: Sandip Majumdar and Tamil Selvaraj 3) Novel methods for drug dosing in Laboratory animals: Hands-on handling of infusion pumps: Varnika Talwar and Kishan Kumar Workshop 2: Write it Right: Art and Science of Scientific Writing Convenors: Avijit Banik, GITAM University, Visakhapatnam and Urmishree Bedamatta, Ravenshaw University, Cuttack Venue: School of Studies in Neuroscience, Jiwaji University, Gwalior 1) Steps in writing and publishing: Ishan Patro, Jiwaji University, Gwalior 2) Writing an excellent paper, looking to potential pitfalls: A view from Elsevier Publishers: Harry W.M. Steinbusch, University of Maastricht, The Netherlands 3) How to write an abstract- The art of concise storytelling: Ishwarya Venkatesh, CSIR-CCMB, Hyderabad 4) Figure speaks: Significance in the world of academia: Avijit Banik, GITAM University, Visakhapatnam 5) From "Goddamn Particle" to "God Particle": How far can AI take you in writing: Urmishree Bedamatta, Ravenshaw University, Cuttack 6) Effective scientific presentations: Shubha Tole, TIFR, Mumbai Workshop 3: Assessment of Human Cognitive Function Objective assessment of cognitive function: Designing and implementation of cognitive function tasks in human subjects Convenors: Simran Kaur and Ratna Sharma, AIIMS, New Delhi Resource Persons: 1) Dr Prashant Tayade 2) Dr Suriya Prakash M Venue: School of Studies in Neuroscience, Jiwaji University, Gwalior |
| 09:30- 11:30 | School Children- Scientist Interaction Meet |
| 14:30- 15:30 | IAN Executive Committee Meeting Venue: School of Studies in Neuroscience, Jiwaji University, Gwalior |
| | IAN-IBRO Neuroscience Global Advocacy Programme |
| Time to be announced (Evening) | Inauguration Venue: Atal Bihari Vajpayee International Convention Centre Jiwaji University, Gwalior Tea |

4th October 2023

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| 08:00- 09:00 | Registration | | |
| 09:00- 09:45 | BK Bachhawat Memorial Lifetime Achievement Award Lecture: Epidemic of misdiagnosis vitamin B12 deficiency - time to act: U.K. Mishra, AMSSH, Lucknow Chairperson: T.R. Raju, Sankara Academy of Vision, Bangalore | | |
| 9:45- 10:20 | KT Shetty Oration: Novel neuromodulatory approaches for functional spinal cord injury: Suman Jain, AIIMS, New Delhi Chairperson: Sunil Kaul, AIST, Japan | | |
| 10:20- 11:00 | Keynote Address: Brainstem and Epigenetic Dysfunctions in Neuropsychiatric Disorders – AD/Depression: Harry W.M. Steinbusch, Emeritus Professor in Cellular and Translational Neuroscience at University of Maastricht, the Netherlands Chairperson: T.R. Raju, Bengaluru, Pankaj Seth, NBRC, Manesar | | |
| 11:00-11:30 | Plenary Lecture- 1: How to make a hippocampus: Shubha Tole, TIFR, Mumbai Chairperson: Neeral Jain, IIT, Jodhpur | | |
| 11:30- 12:00 | Tea | | |
| 12:00- 13:30 | Symposium-1 Recent advances in neuropsychiatric and neurodegenerative disorders | Symposium-2 Deciphering neural functions in health and diseases: emerging fronts | Symposium-3 PIKNIKH session Stress, aging and neurodegeneration: Building basic and interventional understanding through cell culture and mouse models |
| Symposium-1 Chairpersons: S.T. Dheen, NUS, Singapore Sharmistha Dey, AIIMS, New Delhi (Abstracts: S1.1-5) | 1) Emerging role of microglia in synaptic plasticity: S.T. Dheen, National University of Singapore, Singapore 2) Synaptic architecture of remote memory recall: Jai Polepalli, National University of Singapore, Singapore 3) "Mitochondrial control of microglial function in Alzheimer's disease: Anna M. Barron, Lee Kong Chian School of Medicine, Singapore 4) "Olfic Microbiome: A Source of Diagnostics or Therapeutics for neuropsychiatric disorders: K. Gokulakrishnan, NIMHANS, Bengaluru 5) Self-propagating neurotoxicity of APP-C31 drives key pathogenic pathways implicated in Alzheimer's disease: Gavin S. Dave, National University of Singapore, Singapore | | |
| Symposium-2 Chairpersons: Shashi Veleri, ICMR-NIN, Hyderabad Subodh Jain, DHSG Univ., Sagar (Abstracts: S2.1-5) | 1) A <i>Drosophila</i> genetic model to Study the Molecular and Physiological Pathways of Epileptic Disorder: Shuangzhi Yarin, Raghav, Yenepoya Research Centre, Mangaluru 2) The role of NMDA receptor subtypes and synaptic plasticity in the epileptic brain: Pradeep Punakkal, PGIMER Chandigarh 3) Mitochondrial disorders - Diagnostic approach using Clinical, Biochemical and Genetic aspects: Christhunesa S Christudas, Christian Medical College, Vellore 4) Data Management in Neuroscience using AI techniques: Arun Anirudhan, Sree Chitra Tirunal Institute, Trivandrum 5) Genetic dissection of a novel molecular player in obesity?: Shobi Veleri, ICMR- NIN, Hyderabad | | |
| Symposium-3 Chairpersons: Sunil Kaul, AIST, Japan Rajat Kaul, DHSG Univ., Sagar Nandini Singh Chatterjee, UNESCO-MGIP, New Delhi (Abstracts: S3.1-7) | 1) Basic and interventional understanding of stress, aging and neurodifferentiation: learnings from cell culture studies: Renu Wadhwa, Nat. Inst. of Advanced Industrial Science & Technology (AIIST), Japan 2) Role of computational biology in basic and interventional understanding of stress, aging and neurodegeneration: Durai Sundar, IIT, Delhi 3) Narcolepsy- sleep stress and orexin: towards development of new therapies: Mahesh Kaushik, Uni. of Tsukuba, Ibaraki 305-8575, Japan 4) Fears to fierce-tracking the molecular path of post traumatic aggressive behaviour: Arpita Konar, Presidency University, Kolkata 5) Hypoxia stress and neurodifferentiation signaling: experimental and computational perspectives: Jesper Dhanjal, Indraprastha Institute of Information Technology, Delhi 6) Response of iron induced experimental effects to anti-peroxidant treatment: Shanuja Beri, Univ. of Delhi, Delhi 7) Acute and chronic stress differentially affects hippocampal coding: Anuragat Tomar, University of Bristol, UK | | |
| 13:30- 14:00 | Lunch | | |
| 14:00- 15:00 | Poster Session | | Group Discussion: |
| 15:00- 16:30 | Symposium-4 The social and emotional brain: A case changer for education and learning | Symposium-5 Neurocognitive mechanisms underlying working memory | Invited lectures-1 |
| Symposium-4 Chairpersons: Anantha Duraipappah, UNESCO MGIEP, New Delhi Nandini Singh Chatterjee, UNESCO-MGIP, New Delhi (Abstracts: S4.1-3) | 1) Introduction to Social and Emotional Learning - why might it be a game changer for education?: Nandini Chatterjee, UNESCO-MGIEP, New Delhi 2) Decision-making: A Social & Emotional Brain's Perspective: K. M. Sharika, IIT, Kanpur 3) Social emotional learning and self - regulation: Efficacy of a video game based intervention for prosociality: Bhoomika Rastogi Kar, University of Allahabad, Prayagraj 4) Altered Subcortical-Cortical Dynamic Network Reconfigurations in Focal-to- Bilateral Tonic-Clonic Seizures: Shilpi Modi: INMAS, New Delhi 5) Morphological changes in the mice central nervous system in a L-arginine induced model of chronic pancreatitis: T.G. Jacob, AIIMS, New Delhi 6) Mitochondrial Dysfunction in Reactive oxygen species in Parkinson's disease Rodent model: Jitendra Narayan Singh, NIPER, SAS Nagar, Punjab 7) Traumatic brain injury alters the limbic system of both rats and humans leading to impaired memory function: Richa Trivedi, IMMAS, DRDO, New Delhi 8) Development of natural inspired novel therapeutic, and diagnostic agents for Alzheimer's disease: Gyan Prakash Modi, IIT Varanasi | | |
| Invited Lectures-1 Chairpersons: Subashchandra Bose Chinnathambi, NIMHANS, Bengaluru Luna Samanta, RU, Cuttack (Abstracts: IS1.1-8) | 1) Role of dopamine on iron homeostasis in astroglial cells: Chinmay Mukhopadhyay, JNU, New Delhi 2) Sedation with Midazolam in the NICU: A Double-Edged Sword: Gundutt N Pendyala, Nebraska Medical Center, USA 3) Tale of a Tailed Neuron: Insights from the TRPV1 Channel: Luna Samanta, Ravenshaw University, Cuttack 4) Altered Subcortical-Cortical Dynamic Network Reconfigurations in Focal-to- Bilateral Tonic-Clonic Seizures: Shilpi Modi: INMAS, New Delhi 5) Morphological changes in the mice central nervous system in a L-arginine induced model of chronic pancreatitis: T.G. Jacob, AIIMS, New Delhi 6) Mitochondrial Dysfunction in Reactive oxygen species in Parkinson's disease Rodent model: Jitendra Narayan Singh, NIPER, SAS Nagar, Punjab 7) Traumatic brain injury alters the limbic system of both rats and humans leading to impaired memory function: Richa Trivedi, IMMAS, DRDO, New Delhi 8) Development of natural inspired novel therapeutic, and diagnostic agents for Alzheimer's disease: Gyan Prakash Modi, IIT Varanasi | | |
| 16:30-16:45 | Tea | | |
| 16:45-18:15 | Symposium-6 Yogic interventions for tackling mental health issues: A desideratum for contemporary issues | Symposium-7 Long-term sequel of neuro-COVID: Ghosts of a bygone pandemic | Symposium-8 Cellular and molecular insights into CNS disorders: Possible therapeutic approaches |
| Symposium-6 Chairpersons: Pooja Ojha, AIIMS, Jodhpur K.P. Mishra, DIPAS, New Delhi (Abstracts: S6.1-6) | 1) The role of pre-natal yoga protocol in managing pregnancy: mechanistic insights for memory enhancement: Akshay Anand, PGIMER, Chandigarh 2) Yoga: mental health and well-being: Krishan Kumar, PGIMER, Chandigarh 3) Spectrum of yogic relaxation techniques: Jyoti Divivedi: HIMs, Dehradun 4) Yogic interventions in occupational stress: Pranod Atri, PGIMER, Chandigarh 5) Physiological insight to Yogic interventions: Sema Singh, Era's Medical College, Lucknow 6) Quantitative EEG application in assessing effects of Kritya yoga on brain: Pooja Ojha, AIIMS, Jodhpur | | |
| Symposium-7 Chairpersons: Renu Wadhwa, AIST, Japan Ashutosh Kumar, AIIMS, Patna (Abstracts: S7.1-5) | 1) Epidemiological aspects of long-term neuro-COVID: Adil Asghar, AIIMS, Patna 2) Evidence favoring viral injury of brain cells as a pathogenic mechanism of long-term neuropsychiatric illness in COVID-19: Ishani Bora, PGIMER, Chandigarh 3) Pathogenesis mechanisms for long-term neuro-COVID: Sujet Kumar, Amity Univ, Mumbai 4) Long-term risks of neurodegenerative diseases in recovered COVID-19 patients: A.K.D. Datasalia, NIPER Raebareilly, Lucknow 5) G6PD deficiency mediated dysregulation of redox equilibrium contributing to COVID-19 mediated neuroinflammation: Soumya Pati, Shiv Nadar Institution of Eminence, Delhi-NCR, India | | |
| Symposium-8 Chairpersons: Raghu Venuganti, Madison, USA S.P. Arun, IISc, Bengaluru (Abstracts: S8.1-6) | 1) Regulation of glioblastoma through mitochondrial quality control: L.K. Sharma, SGGPGMS, Lucknow 2) Critical role of mitochondrial metabolism in drug resistance in Glioblastoma Multiforme: Ashutosh Shrivastava, KGMU, Lucknow 3) Exploring the Role of Autophagy in Temozolomide-Induced Glioma Cancer Stem Cells Population: Meenakshi Tiwari, AIIMS, Patna 4) Neurotoxins therapeutics: Small Molecule Inhibitor a ray of hope: Nandita Saxena, DRDE, Gwalior 5) Restoration of Nerve Demyelination by Methyleloabalin in an Excitotoxic Brain Disorder Model: S.K. Tripathi, BHU, Varanasi 6) Neuro acoustic methodologies for diagnosis and treatment of various neuro psychiatric disorders at early stage: Shahzad Asim, KASRC, Srirangapatna & K | | |
| 18:15- 19:00 | Discussion: How career planning is different for women: A session for all genders: Conducted by Shubha Tole, TIFR, Mumbai | | |
| 20:00 | Dinner | | |

5th October 2023

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| 09:00- 10:30 | Young Scientist Colloquium- 2: Chair Persons: Vinay Khanna, Nisha Patro | | |
| 10:30- 11:00 | Plenary Lecture- 3: Phosphoregulation of intracellular transport in the axon and cilium: Krishnan Ray, NBRC, Manesar Chairperson: Sumit Singh, New Delhi | | |
| 11:00-11:15 | Tea | | |
| 11:15-12:00 | Distinguished Lecture- 2: Contextual influences on visual processing: Thomas Albright, Director, Vision Centre Laboratory, Salk Institute for Biological Studies, USA Chairperson: Ishan Patro, JU, Gwalior | | |
| 12:00- 13:30 | Symposium-15 Unmasking the puzzle: Novel insights into neurodegenerative disorders and therapeutic targets | Symposium-16 Neuromodulation strategies in health and disease | Symposium-17 Glia in Health and disease |
| Symposium-15 Chairpersons: Vivek Swarup, Univ. of California, USA Suhail Rasool, USA (Abstracts: S15.1-4) | 1) Genomic architecture of Alzheimer's disease: lessons from human and mouse models of the disease: Vivek Swarup, Univ. of California, Irvine CA, USA 2) "Potential reversal of Alzheimer's disease pathology by antibody TB006 targeting Galactin-3, the root cause of oligomerization of amyloid proteins: Suhail Rasool, TrueBinding, Inc 300 Lincoln Centre Dr, Foster City, CA, USA 3) Neuroprotective strategies to prevent neuroinflammation, cognitive dysfunction in cranial radiation-induced brain injury: Munjal Acharya, University of California, Irvine School of Medicine, Irvine, USA 4) Sex-specific locus coeruleus dysfunction expedites disease progression in APP/PS1 mice: Smitha Karunakaran, IISc, Bengaluru 5) Sex specific differences in evolution of cognitive decline in Alzheimer's disease: Reddy P Kommaddi, IISc, Bengaluru 6) N-Acetylcysteine amide protects neurons from degeneration in In-vitro STZ- model of Alzheimer' s disease: Mudamma S. Rao, College of Medicine, Kuwait | | |
| Symposium16 Chairpersons: Suman Jain, AIIMS, New Delhi T C Yasha, NIMHANS, Bengaluru (Abstracts: S16.1-5) | 1) Application of low intensity electromagnetic fields in ameliorating cognitive dysfunction and synaptic pruning in streptozotocin induced sporadic Alzheimer's disease rat model: Suman Jain, AIIMS, Delhi 2) Utility of Neuromodulation in Mood and Movement Disorders: Kaviraja Udupa, NIMHANS, Bengaluru 3) Probing functional brain networks using transcranial brain stimulation: Niveetha T. IIT, Mumbai 4) Brain state specific regulation of neural activity in dementia: Chinmakuruppa Adilkan, IISc, Bengaluru 5) Modulation of motor neuron excitability and muscle contractile properties in complete spinal cord injured rats by electromagnetic field stimulation: Arpita Chakraborty, Institute of Neurosciences, Kolkata | | |
| Symposium-17 Chairpersons: Chakram Mahapadhyay, JNU, New Delhi Savananda Marathe, IISc, Bengaluru (Abstracts: S17.1-6) | 1) The glee/a? Do glia make us happy? Savananda Marathe, IISc, Bengaluru 2) Reactive astrocytes in aging, neuronal injury and neurodegenerative diseases: Narendra Ramanan, IISc, Bangalore 3) ALA augment Tau phagocytosis and endosomal degradation in microglia: Subashchandrabose Chinnambath, NIMHANS, Bengaluru 4) To Grow or Not to Grow: Hyperglycaemia Induced Alterations in Neurite Outgrowth: Vasudharani, IISER Tirupati 5) Retro-Engineering Brain Tumours: Uncovering Inflammation, Immunity and Tumour Biology: Sushmita Jha, IIT, Jodhpur 6) Inflammation and Neuroprotection in Mouse Brain: Role of HMGB1: K.P. Mishra, DIPAS, Delhi | | |
| 13:30- 14:00 | Lunch | | |
| 14:00-14:15 | Technical Lecture: TBA | | |
| 14:15- 15:00 | Group Discussion Initiate an initiative: Suhail Rasool | Oral Session- 1 | Invited Lectures- 2 |

6th October 2023

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| Anilini Shrivastava, JU, Gwalior (Abstracts: S18.1-5) | | 3) Suppression of bisphenol-A induced oxidative stress and mitochondrial dysfunction by taurine promotes neuroprotection and restores aggressive behavior in adult zebrafish (<i>Danio rerio</i>): Lilesh K. Pradhan, Sambalpur Univ., Burla | |
| | | 4) Dietary Lactobacillus rhamnosus GG (LGG) attenuates the toxic effects of benzo[a]pyrene and ethanol on zebrafish (<i>Danio rerio</i>) via gut microbiota modulation: Manoranjan Patra, CU, Dharwad | |
| | | 5) Neuroprotective properties of GC-MS-identified phytoconstituents in Persicaria hydropiper (L.) Delarbie methanolic leaf extract: An in silico and in vivo study: Meenakshi Bawari, Assam University, Silchar | |
| Symposium-19 | | | |
| Chairpersons: Sumana Chakravarty Bindu M Kutty, NIMHANS, Bengaluru (Abstracts: S19.1-5) | | 1) Criticality of gender in treatment of neurological disorders: Sumana Chakravarty, IICIT, Hyderabad | |
| | | 2) Tauopathies and neurodegeneration: T C Yasha, NIMHANS, Bengaluru | |
| | | 3) Fyn kinase-Tau protein interaction and its implication on N-methyl-D-aspartate receptor function: Sivaraman Padavattan, NIMHANS, Bengaluru | |
| | | 4) TNT mediated protein transmission in the brain: Implications for Huntington disease pathology: Srinivasa Subramaniam, Biomedical Research, University of Florida, USA | |
| | | 5) Astroglia proliferate upon clearance of alpha-synuclein-induced toxicities through tunnelling nanotubes: Sangeeta Nath, MAHE, Bengaluru | |
| | | 6) Mechanistic insights and therapeutic implication of astrocyte secreted cytokines in Alzheimer's disease: Subhas Chandra Biswas: IICB, Kolkata | |
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| Oral Session- 1 | | | |
| (14:15- 15:00) | | 1) Complexity of a mendelian disease: Can variants in <i>ATP7B</i> and modifier loci regulate cognitive decline and other neurological phenotypes in Wilson disease? Arpan Saha, Univ. of Calcutta, Kolkata | |
| Chairpersons: | | 2) Unravelling hippocampal proteome dynamics in hepatic encephalopathy rat model through label-free LC-MS/MS profiling: Papija Acharye, BHU, Varanasi | |
| Swandana Marathe, IISc, Bengaluru | | 3) Age-related qualitative morphological changes in the human stria vascularis: Silka Agarwal, AIIMS, New Delhi | |
| Munjal Acharya, Irvine, USA (Abstracts: OS1.1-6) | | 4) Network pharmacology: Integrating system biology with computer aided drug design dealing with neurological disorders: Prachi Srivastava, Amity University, Lucknow | |
| | | 5) Non-permitted food colorants induced neurotoxicity in rats: A behavioral, neurochemical and histological study: Rajesh Singh Yadav, NFSU, Bhopal | |
| | | 6) Assessment of short-term memory loss in recovered COVID-19 patients: Indications from a two-year follow-up study: R.K. Jha, AIIMS, Patna | |
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| Invited Lectures- 2 | | 1) Vulnerability of Müller glial cells in aging human retina: impact on photoreceptor cell survival: T.C. Nag, AIIMS, New Delhi | |
| (14:15- 15:00) | | 2) Unlocking the Neural Symphony: A Study on Learning and Memory in Vedic Sanskrit Scholars: Uttam Kumar, SGPGI, Lucknow | |
| Chairpersons: Sabita Mishra, MAMC, New Delhi | | 3) Influence of Neuroactive steroids and Mozart effect on Neuronal oscillations and Cognition: An EEG Study: Afeesh Begum H Hagi, AIIMS, Mangalagiri | |
| Sant Prakash, Dayalbagh, Agra (Abstracts: IS2.1-9) | | 4) Understanding the pathophysiology and virulence determinants of Burkholderia pseudomallei strains causing Neuro-Melioidosis: Somasish G. Dastidar, Manipal Academy, Manipal | |
| | | 5) Longitudinal MR evaluation of yoga-induced changes in brain in post-stroke recovery: Dushyant Kumar, AIIMS, New Delhi | |
| | | 6) Contributions of glial gap junctions towards neuropathic pain in rats: S. Kaler Jajhria, AIIMS, New Delhi | |
| | | 7) Neuronal and epigenetic underpinnings of social isolation stress in Drosophila: Pavan Agrawal, Manipal Academy, Udipi | |
| | | 8) Advanced Neuroimaging and Artificial Intelligence in Understanding Human Brain Health and Disease: Vivek Tiwari, IISER, Bhopal | |
| | | 9) Glutamate receptor trafficking: Ins and Outs: Samarjit Bhattacharyya, IISER, Mohali | |
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| 16:30- 16:45 | | Tea | |
| 16:45- 18:15 | | Symposium-20 Parkinson's Disease- Perspectives from cells to clinic | Symposium-21 Pathology of brain disorders |
| | | | Oral Session- 2 |
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| Symposium-20 | | 1) Epigenetics: A game changer in understanding the disease biology of neuropsychiatric disorders: Arvind Kumar, CCMB, Hyderabad | |
| Chairpersons: | | 2) Pax6 regulated putative biomarkers in brain of MPTP-treated mouse model of Parkinson's disease: Rajnikanti Mishra, BHU, Varanasi | |
| Arvind Kumar, CCMB, Hyderabad | | 3) Neuronal determinants of autophagy flux: Ravi Manjithaya, JNCASR, Bengaluru | |
| Phalguni Alladi, NIMHANS, Bengaluru | | 4) Parkinson's disease in India: Unanswered puzzle: Prashanth L. K., Manipal Hospital, Bengaluru | |
| (Abstracts: S20.1-5) | | 5) Organellar hierarchy in Parkinson's disease: Investigations using experimental models: Phalguni Alladi, NIMHANS, Bengaluru | |
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| Symposium-21 | | 1) Novel insights into molecular events following virus induced neurodegeneration: Pankaj Seth, NBRC, Manesar | |
| Chairpersons: | | 2) Curcumin protects age induced neurodegeneration: Desynchronization of interplay between clock, immune and microglia resting genes: Anita Jagota | |
| Anita Jagota, UH, Hyderabad | | 3) Temporal lobe Epilepsy - from biochemistry to biology: Anita Mahadevan, NIMHANS, Bengaluru | |
| Subhas Chandra Biswas: IICB, Kolkata | | 4) Exploring Brain Energy Metabolism in Amyotrophic Lateral Sclerosis: Anant Patel, CCMB, Hyderabad | |
| (Abstracts: S21.1-6) | | 5) Can cell therapy bring mitochondrial resilience following ischemic stroke? Pallab Bhattacharyya, NIPER, Ahmadabad | |
| | | 6) Somatostatin-releasing inhibitory interneurons of the olfactory bulb mediate perceptual learning deficits in an early life stress mouse model: Nixon M. Abraham, IISER, Pune | |
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| Oral Session- 2 | | | |
| (18:30- 19:30) | | 1) Expression of Pax3 in human neural tube defects: Swati Tiwari, MAMC, New Delhi | |
| Chairpersons: | | 2) Association Between the Minutes Spent on Smart Mobile Phone Before Falling Asleep and Sleep Quality: Pansang T. Dukka, Cooch Behar | |
| A.K. Agrawal, IITR, Lucknow | | 3) Mechanisms underlying the development of the axonal actin-spectrin membrane periodic skeleton (MPS): Shivani Boda, IISER, Pune | |
| Mahesh Kaushik, Uni. of Tsukuba, Japan | | 4) Proteomic Profiling of the Aging Rat Hippocampus: Insights from Machine Learning and High-Resolution Mass Spectrometry: Arup Acharye, UA, Prayagraj | |
| (Abstracts: OS2.1-10) | | 5) Disease-modifying effect of quercetin in iron-induced experimental model of post-traumatic epilepsy: Chandra Prakash, JNU, New Delhi | |
| | | 6) Impact of quercetin on endothelial cells of retinal capillaries in diabetic rats: Pankaj Kumar, IGIMS, Patna | |
| | | 7) The neuroprotective effects of Withania somnifera on age related cognitive decline- A study of oxidative stress and memory function in mice brain: Manju Lata, MSI College, Bharatpur | |
| | | 8) Olfml3 could act as a central molecule in the regulation of microglia-mediated brain immunity: S.K. Maurya, Univ. Delhi, Delhi | |
| | | 9) Gasdermin D inhibition confers protection from neuroinflammation and axiogenic behavior in a rodent model of anxiety disorder: Simantini Ghosh, Ashoka University, Rai | |
| | | 10) Outcome of EP2 antagonist treatment to a two-hit mouse model of Alzheimer's disease depends on the mouse strain and the sex: Avijit Banik, GITAM University, Visakhapatnam | |
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| 18:30- 19:30 | | Closing Ceremony, Prize Distribution and Valedictory Ceremony | |