



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)

PROGRAMME

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

3rd October 2023

10:30- 15:30	Workshop 1: Tools and techniques for cognitive behaviour studies, Stereotaxic surgery, and animal dosing Convenors: Richard Mills, Stoelting 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 Selvan 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 data presentation: 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

08:00- 09:00	Registration		
09:00- 09:45	BK Bachhav 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: Neeraj 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 hoxie and interventional understanding through cell culture and mouse models
Symposium-1 Chairpersons: S.T. Dheen , NUS, Singapore Sharmistha Dey , AIIMS, New Delhi	1) Emerging role of microglia in synaptic plasticity: S.T. Dheen , National University of Singapore, Singapore 2) Synaptic architecture of remote memory recall: Jai Polegalli , 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) "Gut 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. Dawe , National University of Singapore, Singapore		
Symposium-2 Chairpersons: Shobhi Veleri , ICMR-NIN, Hyderabad Subodh Jain , DHSG Univ., Sagar	1) A <i>Drosophila</i> genetic model to Study the Molecular and Physiological Pathways of Epileptic Disorder: Shampasad Varjia , Raghui, Yenepoya Research Centre, Mangalore 2) The role of NMDA receptor subtypes and synaptic plasticity in the epileptic brain: Pradeep Nannakkal , PGIMER Chandigarh 3) Mitochondrial disorders - Diagnostic approach using Clinical, Biochemical and Genetic aspects: Christhuesha S Christudass , 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 Sandhir , PU, Chandigarh	1) Basic and interventional understanding of stress, aging and neurodifferentiation: learnings from cell culture studies: Renu Wadhwa , Nat. Inst. of Advanced Industrial Science & Technology (AIST), Japan 2) Role of computational biology in basic and interventional understanding of stress, aging and neurodegeneration: Durai Sundar , IIT, Delhi 3) Nanoporep- sleep of stress and orexin: towards development of new therapies: Mallesh 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: Jaspreet Dhanjal , Indraprastha Institute of Information Technology, Delhi 6) Response of iron induced experimental epilepsy to anti-peroxidant treatment: Shamya Beri , Univ. of Delhi, Delhi 7) Acute and chronic stress differentially affects hippocampal coding: Anuruprat Tomar , University of Bristol, UK		
13:30- 14:00	Lunch		
14:00- 15:00	Poster Session	Symposium-5 Neurocognitive mechanisms underlying working memory	Group Discussion:
15:00-16:30	Symposium-4 The social and emotional brain: A game changer for education and learning	Symposium-5 Neurocognitive mechanisms underlying working memory	Invited lectures-1
Symposium-4 Chairpersons: Anantha Dhanipapah , UNESCO MGEP, New Delhi Nandini Singh Chatterjee , UNESCO- MGIP, New Delhi	1) Introduction to Social and Emotional Learning – why might it be a game changer foe education?: Nandini Chatterjee , UNESCO-MGEP, New Delhi 2) The role of 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		
Symposium- 5 Chairpersons: Simran Kaur , AIIMS, New Delhi S.K. Tripathi , BHU, Varanasi	1) Neural substrates of working memory deficits in addictive disorders: Simran Kaur , AIIMS, Delhi 2) Distractors in working memory: Mechanisms and models: Sridharan Devarajan , IISc, Bengaluru 3) Visuospatial working memory: An endophenotypic marker in Schizophrenia: Ratna Sharma , AIIMS, Delhi 4) Clinical assessment and therapeutic interventions for working memory deficits in addictive disorders and dual disorders: YPS Balhara , AIIMS, Delhi		
Invited Lectures-1 Chairpersons: Subhashchandra Chinnathambhi , NIMHANS, Bengaluru Luna Samanta , RU, Cuttack	1) Role of dopamine on iron homeostasis in astroglial cells: Chinnay Mukhopadhyay , JNU, New Delhi 2) Sedation with Midazolam in the NICU: A Double-Edged Sword: Gurudut N Pandya , Nebraska Medical Center, USA 3) Tale of a Tailed Neron: 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 Dysfunctions induced Reactive oxygen Species in Parkinson's disease Rodent model: Pradeep Nannakkal , PGIMER Chandigarh 7) Traumatic brain injury alters the limbic system of both rats and humans leading to impaired memory function: Richa Trivedi , INMAS, 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	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: Krishnan Kumar , PGIMER, Chandigarh 3) Spectrum of yoga relaxation techniques: Jyoti Divivedi , HIMES, Dehradun 4) Yogic interventions in occupational stress: Pranod Avti , PGIMER, Chandigarh 5) Physiological insight to Yogic interventions: Seema Singh , Era's Medical College, Lucknow 6) Quantitative EEG application in assessing effects of Kriya yoga on brain: Pooja Ojha , AIIMS, Jodhpur		
Symposium-7 Chairpersons: Renu Wadhwa , AIST, Japan Ashutosh Kumar , AIIMS, Patna	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: Sujeet Kumar , Amity Univ. Mumbai 4) Long-term risks of neurodegenerative diseases in recovered COVID-19 patients: A.K. Datasalia , NIPER Raichuri, 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: Jyotirmoy Banerjee , AIIMS, Delhi Rajni K. Mishra , BHU, Varanasi	1) Regulation of glioblastoma through mitochondrial quality control: L.K. Sharma , SGP GIMS, 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 Methylcobalamin in an Excitotoxic Rat Spinal Cord 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, Srinagar J&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

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	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: Manjari 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-Acetylcyteine amide protects neurons from degeneration in In-vitro STZ- model of Alzheimer's disease: Muddanna S. Rao, College of Medicine, Kuwait		
Symposium16 Chairpersons: Suman Jain, AIIMS, New Delhi T C Yasha, NIMHANS, Bengaluru	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: Nivehdith T. IIT, Mumbai 4) Brain state specific regulation of neural activity in dementia: Chinmukkarappa Adakkann, 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: Chinnmay Mukhopadhyay, JNU, New Delhi Swananda Marathe, IISc, Bengaluru	1) The glee'a: Do glia make us happy? Swananda 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: Subhashchandrahe Chinnmahaling, NIMHANS, Bengaluru 4) To Grow or Not to Grow: Hyperglycaemia Induced Alterations in Neurite Outgrowth: Yasudharani, 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 HMGBl: 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
15:00- 16:30	Symposium- 18 IAN-FAONS Symposium: Neurochemical basis of neurotoxicity	Symposium- 19 Therapeutics and neurodegeneration	
Symposium-18 Chairpersons: Vinay Khanna, IITR, Lucknow Nalini Shrivastava, JU, Gwalior	1) Trolox acts Coenzyme Q10 in protection of neural retina in NMDA induced glutamate excitotoxic damage via upregulation of VEGF in rat model: Madhumitha Ghosh, Anita, Noida 2) Nerve agent induced neurotoxicological and Neurodegenerative effects: RamaRao Golime, DRDE, Gwalior 3) Suppression of bisphenol-A induced oxidative stress and mitochondrial dysfunction by taurine promotes neuroprotection and restores aggressive behavior in adult zebrafish (Danio rerio): Lilesh K. Pradhan, Sambalpur Univ., Burla 4) Dietary Lactobacillus rhamnosus GG (LGG) attenuates the toxic effects of benzo[a]pyrene and ethanol on zebrafish (Danio rerio) via gut microbiota modulation: Manorama Pati, CU, Dharamasala 5) Neuroprotective properties of GC-MS-identified phytoconstituents in <i>Pericaria</i> hydrolyser (L.) Delarbie methanolic leaf extract: An in silico and in vivo study: Meenakshi Bawari, Assam University, Silchar		
Symposium-19 Chairpersons: Suman Chakravarty Bindu M Kutty, NIMHANS, Bengaluru	1) Criticality of gender in treatment of neurological disorders: Suman Chakravarty, IICET, Hyderabad 2) Tathapeutics 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: Sriniyasa Subramaniam, Biomedical Research, University of Florida, USA 5) Astroglia proliferate upon clearance of alpha-synuclein-induced toxicities through tunnelling nanotubes: Sangetta Nath, MAHE, Bengaluru 6) Mechanistic insights and therapeutic implication of astrocyte secreted cytokines in Alzheimer's disease: Subhas Chandra Biswas: IICB, Kolkata		
Oral Session- 1 (14:15- 15:00) Chairpersons: Swananda Marathe, IISc, Bengaluru Manjal Acharya, Irvine, USA	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? Anjan Saha, Univ. of Calcutta, Kolkata 2) Unravelling hippocampal proteome dynamics in hepatic encephalopathy rat following label-free LC-MS/MS profiling: Papiya Acharye, BHU, Varanasi 3) Age-related qualitative morphological changes in the human stria vascularis: Silka Agarwal, AIIMS, New Delhi 4) Network pharmacology: Integrating system biology with computer aided drug design dealing with neurological disorders: Prachi Srivastava, Anity University, Lucknow 5) Non-permitted food colorants induced neurotoxicity in rats: A Behavioral, neurochemical and histological study: Rajesh Singh Yadav, NRSU, 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		
Invited Lectures- 2 (14:15- 16:30) Chairpersons: Sabita Mishra, MAMC, New Delhi Sant Prakash, Dayalbagh, Agra	1) Vulnerability of Müller glial cells in aging human retina: impact on photoreceptor cell survival: T.C. Nag, AIIMS, New Delhi 2) Unlocking the Neural Symphony: A Study on Learning and Memory in Vedic Sanskrit Scholars: Atam Kumar, SGPGI, Lucknow 3) Influence of Neuroactive steroids and Magozi effect on Neuronal oscillations and Cognition: An EEG Study: Aftren Begum H Hagi, AIIMS, Mangalori 4) Understanding the pathophysiology and virulence determinants of Burkholderia pseudomallei strains causing Neuro-Melioidosis: Somashish 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 Jhajhria, 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, Berhampur 9) Glutamate receptor trafficking: Ins and Outs: Samrajit Bhattacharyya, IISER, Mohali		
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
Symposium-20 Chairpersons: Arvind Kumar, CCMB, Hyderabad Phalguni Alladi, NIMHANS, Bengaluru	1) Epigenetics: A game changer in understanding the disease biology of neuropsychiatric disorders: Arvind Kumar, CCMB, Hyderabad 2) Pax6 regulated putative biomarkers in brain of MPTP-treated mouse model of Parkinson's disease: Rajnikant Mishra, BHU, Varanasi 3) Neuronal determinants of autophagy flux: Ravi Manjithaya, JNCASR, Bengaluru 4) Parkinson's Disease in India: Unanswered puzzle: Prashanth L K, Manipal Hospital, Bengaluru 5) Organellar hierarchy in Parkinson's disease: Investigations using experimental models: Phalguni Alladi, NIMHANS, Bengaluru		
Symposium-21 Chairpersons: Anita Jagota, UH, Hyderabad Subhas Chandra Biswas: IICB, Kolkata	1) Novel insights into molecular events following virus induced neurodegeneration: Pankaj Seth, NBRC, Manesar 2) Curcumin protects age induced neurodegeneration: Desynchronisation of interplay between clock, immune and microglia resting genes: Anita Jagota 3) Temporal lobe Epilepsy - from biochemistry to biology: Anita Mahadevan, NIMHANS, Bengaluru 4) Exploring Brain Energy Metabolism in Amyotrophic Lateral Sclerosis: Anant Patel, CCMB, Hyderabad 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		
Oral Session- 2 Chairpersons: A.K. Agrawal, IITR, Luckow Mahesh Kaushik, Uni. of Tsukuba, Japan	1) Expression of Pax3 in human neural tube defects: Swati Tiwari, MAMC, New Delhi 2) Association between the Minutes Sleep on Smart Mobile Phone Before Falling Asleep and Sleep Quality: Pasang T. Dulpka, Cooch Behar 3) Mechanisms underlying the development of the axonal actin-spectrin membrane periodic skeleton (MPS): Shivani Bodas, IISER, Pune		

6th October 2023

	9) Gasdermin D inhibition confers protection from neuroinflammation and angiogenic 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 Bani, GITAM University, Visakhapatnam		
18:30- 19:30	Closing Ceremony, Prize Distribution and Valedictory Ceremony		
19:30- 20:45	Socialization/ Dinner		

List of Posters

(Poster numbers will be allotted on the spot)

S.No.	Name	Title
P1	Abir Mondal	G6PD-Nitric oxide axis: a fundamental regulator of neuroinflammation and phagocytotic clearance of SARS-CoV2 Spike protein.
P2	Aishwarya Ghosh	Relationship between Levels of Vitamin D and Cognitive Functioning in an Urban Indian Ageing Cohort: An Explorative Study
P3	Akanksha Mishra	Expression of Neurotrophins (BDNF and NT-3) and their Receptors in Adult Human Cochleae
P4	Akanksha Singh	Iron overload and unfolded protein response (UPR): Induction of UPR after iron accumulation in the retina of male Wistar rat
P5	Akash M Waghade	The neuronal NOS activates SC-VTA circuitry during reversal learning behaviour impaired in schizophrenic like condition in rats.
P6	Akila Ramesh	Impact of Gender on the Progression of Alzheimer's disease in A β PP-PS1 MouseModel: a Behavioral and Metabolic Analysis.
P7	Ambareen Naqiya	Sertad1 depletion using lentivirus ameliorates behavioural deficits by autophagy modulation in models of Alzheimer's disease
P8	Amit Shiwal	Investigation on agmatinergic pathway in attention deficit hyperactivity disorder using exposure of 6-Ohda in mice
P9	Ananya Shukla	Identification of common biological pathways between Alzheimer's Disease (AD) and Metabolic Disorders (MD)
P10	Anisha S Menon	Stripe Factors for targeted epigenetic remodeling for Nervous system regeneration
P11	Anjana J Menon	Exploring the links between Serum Uric Acid Levels and Cognition– A study conducted in an Urban Cohort, Southern India
P12	Ankita Mukherjee	Caffeic acid a therapeutic natural medicine against cyclophosphamide induced acute neuronal toxicity in rats
P13	Ankita Sinha	Unravel the impact of TUDCA on Iba-1 immuno-positive microglial cells and DR progression.
P14	Annu Yadav	Investigation of Hypothalamic 5HT2C Receptor Signalling in Obesity & Metabolic Ageing.
P15	Anshita Singh	An Advanced Diffusion Magnetic Resonance Imaging Tractography Study in Euthymic Pediatric Bipolar Disorder
P16	Anurag Thapliyal	Molecular docking and simulation studies indicate immunomodulatory role of seaweed metabolites by interacting with microglia-specific proteins
P17	Arpan Mukhoti	Understanding the role of PIWIL 1, 2 and 4 in depressive disorder using Chronic Social Defeat Stress mouse model
P18	Arpita Soreng	Computational elucidation of selected kinase inhibitors as1potential PINK1 activators crucial for Parkinson's disease through molecular docking, simulationand scaffold analysis
P19	Arvind K Das	Early detection of Parkinson's disease by using artificial intelligence and analysis of clinico-genetic correlates
P20	Ashutosh Sharma	Identification of a novel Hv1 proton channel inhibitor to ameliorate neuroinflammation
P21	Bhagat Singh Jaiswal	Root of <i>Argyrea speciosa</i> attenuate post-stroke biochemical defects and histopathological alterations in rats
P22	Bhaskar Sharma	Immunocompetent cells and their possible role in age-related choroidal capillary changes in rat eye
P23	Chayan Banerjee	In-house natural product library screening identifies a resveratrol oligomer as Monoamine oxidase inhibitor in brain: therapeutic implications against Parkinson's disease
P24	Chayanika Banerjee	p38MAPK inhibitor SB202190 regulates iron storage component ferritin inglioma cells
P25	Chaynita Dashora	Understanding cognition and neuro-metabolism in 5xFAD mouse model ofAlzheimer's Disease
P26	Chetan Mishra	Peripheral and central nervous system immune correlates of early life stress induced aggressive behaviour
P27	Dadasaheb Kokare M	Neuropeptide S suppresses pain-related aversion via activation of GABAergic neurons within anterior cingulate cortex
P28	Deep Shikha	Effect of Citrus Odor exposure on the performance in Stroop Task and Salivary Testosterone Levels in healthy individuals.
P29	Deepali Mohan Pandhare	Neuropeptide S alleviate neuropathic pain symptoms via activation of lateral hypothalamic orexinergic system.
P30	Deepanjali Dilip Ghadge	Studying olfactory behavior of <i>park''</i> mutant, A Parkinson's Disease model of <i>D. melanogaster</i>
P31	Devanshu Kaushik	Role of TGR5 in Neural Stem Cell Homeostasis
P32	Devesh Kumar	Platelets-Neutrophils and Platelets-Monocyte crosstalk in TBM: A Pilot Study
P33	Devika Mahimkar	Delineating the sex-specific role of Fork head family proteins in anxiety- like phenotype using the prenatal stress mouse model
P34	Dhanshree Borkar Sayangrushi	Neurotoxicity of Neonicotinoid Pesticides in early life exposure: A Meta Analysis
P35	Dhyagude Sainath Sunil	Beyond witnessing: Underlying neurobiological mechanisms of vicarious trauma-mediated development of learned helplessness in male and female mice
P36	Dipak Keshav Sahare	Role of central amygdalar dopaminergic system in the generation of anger- like responses in rats
P37	Diptesh Roy	Disparate unfolded protein response of astrocytes in Alzheimer's disease
P38	Divya Gupta	Protective efficacy of Caffeic Acid against acrylamide-induced neurotoxicity in rats
P39	Duhita Jadhav	Understanding the role of phytochemicals and Notch 1 in C6 glioma cells and N2A Neuroblastoma cells: An In silico and in vitro validation
P40	Elora Barik	The role of gut microbiome and associated metabolome in the regulation of symbiosis and dysbiosis through behavioral alteration protecting neural damage in adult zebrafish
P41	Harshita Ghanghoriya	Evaluation of Neuroprotective Effects of Salvia Officialis on Brain Tissues in Cerebral Ischemia
P42	Harshini Ananad	Decoding Sanskrit effect-Impact of chanting on the working memory of children
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