

# IAN 2022 Poster List 2

Full Name	Abstract	Poster	Date
Debarati Rakshit	Evaluation of the protective effect of fisetin nanoformulation in an experimental model of Alzheimer's disease	PA001	08-Dec-22
Sudipta Nayak	EVALUATION OF Fisetin Nanoformulation in Experimental Model of Temporal Lobe Epilepsy	PA002	08-Dec-22
SNEHASHIS KUNDU	Protective effect of fisetin on arsenic and fluoride induced neurotoxicity	PA003	08-Dec-22
RAJA BABU	American ginseng attenuates astrocytopathy in cell culture study	PA004	08-Dec-22
Amarjeet	American Ginseng exhibits anti-neuroinflammatory activity in LPS-stimulated microglia in an in-vitro study	PA005	08-Dec-22
Deshdeepak Ratna	Activation of cholinergic REM-ON neurons in PPT projecting to VTA increases REMS in rats: implications with intermittent appearance of REMS	PA006	08-Dec-22
Ms. Grishma Kasle	Proinflammatory and anti-inflammatory mediators regulate the host response to viral infection by altering the connexin 43 mediated gap junctional communication	PA007	08-Dec-22
Soumya B S	Comprehending the molecular cascade promoting motor neuron degeneration in a stem cell model of Amyotrophic Lateral Sclerosis	PA008	08-Dec-22
Aniket Aman	Effect of cardiovascular risks on Brain Structure Volumetry with Aging in Cognitively Normal, Mild Cognitive Impairment and Dementia Patients : Advanced Neuroimaging Investigations in ADNI Cohort	PA009	08-Dec-22
Adla Zubair	Dream Detector: Decoding Multivariate EEG pattern between dream recall and no recall from High-density PSG data	PA010	08-Dec-22
Prabhat Sharma	Personality or hunger states: What determines rationality in zebrafish ( <i>Danio rerio</i> )?	PA011	08-Dec-22
Thasya Harsha Shetty	Single-dimensional multi-alternative shoal choice decoy space map of zebrafish ( <i>Danio rerio</i> )	PA012	08-Dec-22
Nicky Singh	The neuroinflammatory markers in the frontal cortex are correlated with some memory impairments in intracerebroventricular streptozotocin injected rats in a time dependent study.	PA013	08-Dec-22
ARCHANA CHOUDHARY	Neurosteroid basis of molecular mechanism of Chronic Immobilization Stress: Systematic literature analysis	PA014	08-Dec-22
Rahul S. Nair	Correlative effects of distressed-body image scores on metastatic markers and depression in Indian women with breast cancer	PA015	08-Dec-22
Dr. Raj Kamal Srivastava	CB1 receptor in the catecholaminergic neurons: A $\beta$ -adrenergic exaggerated stress response	PA016	08-Dec-22
Ms. Palkin Arora	Traumatic brain injury leads to acute changes in systemic metabolism in rats	PA017	08-Dec-22
Tushar Ranjan Bhatta	Monoaminergic and neuropeptide interaction in mammalian brain cerebral cortex during immobilization stress: Systematic literature analysis.	PA018	08-Dec-22
Kumar Neelabh	Population encoding of meaning in the avian auditory cortex	PA019	08-Dec-22
Bhanuteja T	Neuronal Correlates of effects of Sleep deprivation induced Neuroinflammation on Fear Extinction Memory Consolidation	PA020	08-Dec-22
Aditya Fulluke	Single-dimensional multi-alternative shoal choice decoy space map of zebrafish ( <i>Danio rerio</i> )	PA021	08-Dec-22
Megha Kumari	Metabolic and behavioral assessment of moderate blunt TBI at sub-acute time point	PA022	08-Dec-22
Monika Patel	The effect and mechanism of CXCL10 modulation of neuroinflammation and its consequences on synaptic plasticity and cognition	PA023	08-Dec-22
SUJAY DANIEL D.G	ACHIEVEMENT MOTIVATION DURING ADOLESCENCE: A CASE STUDY ON SIDDI CHILDREN	PA024	08-Dec-22
Jemimah N.	Effect of methyl paraben on serotonin levels governing autistic behavior in zebrafish larvae.	PA025	08-Dec-22
Meghnaa Sakthi Ashok Kumar	Acute Dexamethasone Exposure Induces Developmental Toxicity and Alters Antioxidant Enzyme Activity in Zebrafish Embryo	PA026	09-Dec-22
Saathwick S	Role Of Vitamin C In Restoring The Impaired Neural Behavior, Metabolic Enzyme, Antioxidant Enzyme Status In Adult Zebrafish Exposed To Dexamethasone	PA027	09-Dec-22
Usha Rani Balu	Toxicological effects on serotonergic system and its neuro-behavioural changes on chronic triclosan exposure in adult zebrafish	PA028	09-Dec-22

Ms. Aishika Datta	Apelin-13 alleviates post-stroke depression via regulating BDNF mediated phosphorylation of forkhead box O 3A protein in rat model of ischemic stroke	PA029	09-Dec-22
Prince Upadhyay	Human Brain Detects and Responds Against the Filarial SERPINS; A Way Forward Towards Theragnostic of Neuropathies	PA030	09-Dec-22
Madhura Milind Nimonkar	In silico analysis of two novel variants of the voltage-gated sodium channel encoding gene SCN1A involved in epilepsy	PA031	09-Dec-22
Tejal Pravin Yeole	Poor regulation of mitochondrial dynamics exacerbates stroke outcome in rodent model of chronic kidney disease-stroke complex	PA032	09-Dec-22
Dipali Machhindra Rahane	Stroke in pregnancy: An exploration towards altered epigenetic regulation in offspring	PA033	09-Dec-22
Akundi Soumya Shesharao	Stroke in pregnancy: An exploration towards altered epigenetic regulation in offspring	PA034	09-Dec-22
Pathulothu Vinod	Endoplasmic Reticulum Stress Exacerbates Stroke Outcome in Rodent Model of Chronic Kidney disease	PA035	09-Dec-22
Kaveri Sanjay Wagh	Post-stroke inosine therapy regulates inflammasome mediated microglial polarization in rodent model of ischemic stroke.	PA036	09-Dec-22
Miss Swagata Bhattacharya	Poor regulation of mitochondrial dynamics exacerbates stroke outcome in rodent model of chronic kidney disease-stroke complex	PA037	09-Dec-22
Tannu Dhingra	Post-stroke inosine therapy alleviates inflammasome activation and modulates microglial polarization in rodent model of ischemic stroke	PA038	09-Dec-22
Bhurle Gangadhar	Stroke in pregnancy: An exploration towards altered epigenetic regulation in offspring	PA039	09-Dec-22
Pratiksha Dilip Godse	Endoplasmic Reticulum stress exacerbates stroke outcomes in rodent model of Chronic Kidney Disease	PA040	09-Dec-22
Miss. Chandrima Saha	Endoplasmic Reticulum Stress exacerbates Stroke Outcome in Rodent Model of Chronic Kidney Disease	PA041	09-Dec-22
Tazeen Qureshi	HDAC6 promotes podosome-mediated migration in neurons	PA042	09-Dec-22
Muskaan Sharma	Post-stroke inosine therapy alleviates inflammasome activation and modulates microglial polarization in rodent model of ischemic stroke	PA043	09-Dec-22
Chalavadi Guruswamy	Poor regulation of mitochondrial dynamics exacerbates stroke outcome in rodent model of chronic kidney disease-stroke complex	PA044	09-Dec-22
Ms. Bijoyani Ghosh	Role of Statin in Regulating Endoplasmic Reticulum Stress in Stroke	PA045	09-Dec-22
Ms ASHWINI L S	Neuroprotective potential of Tinospora cordifolia in attenuating hippocampal CA3 neuronal damage induced by prenatal stress and maternal separation	PA046	09-Dec-22
CHALAVADI SIVARAJU	Major visual processing centres of Hieroglyphus banian	PA047	09-Dec-22
Dr. Anwasha Bhattacharyya	Evaluation of Cortical Vision with Next Generation Optogenetic Tools	PA048	09-Dec-22
DEEPAK K V	The role of p21 activated kinase in the repair of oligomeric amyloid- $\beta^2$ induced plasma membrane damage and its implication in pathology spreading in Alzheimer's disease	PA049	09-Dec-22
Divya C	An In-Vitro Approach in Understanding Interneuron Migration	PA050	09-Dec-22
SUMUKHA HEGDE	Evaluation of lipid composition at various stages of neurodevelopment	PA051	10-Dec-22
Stuti Mohapatra	Role of lncRNA Gm20559 in flaviviral infection and associated inflammation in microglia	PA052	10-Dec-22
Haseena P A	Post synaptic density 95 (PSD95)â€™Actin interaction: A critical regulator of synaptic strength and plasticity.	PA053	10-Dec-22
Neha Dhiman	Identification of PPAR modulators as therapeutic targets in Alzheimer's Disease	PA054	10-Dec-22
SONAM DESHWAL	Identification of non-steroidal LXR modulators as a key regulator of cholesterol homeostasis against Alzheimer's diseases.	PA055	10-Dec-22
Ms. Tripti Seth	Are claudins involved in synapse function in vertebrate neurons?	PA056	10-Dec-22
Shrilaxmi M S	Molecular analysis of the pathophysiology and virulence determinants of Burkholderia pseudomallei from Neuromelioidosis patients in Indian setup	PA057	10-Dec-22
Saradindu Banerjee	Characterizing the antidepressant potential of RXFP3 agonists in mice and rats	PA058	10-Dec-22
Medha Kaushik	Computational Markers for Validation of Long-Term Memory Consolidation Utilizing Behavioral Tagging and In Vivo Electrophysiology	PA059	10-Dec-22

Jyoti Tyagi	Alterations in the Expression of PNPO, FOXO3, and GABRA Affect the Electro-Behavioral and Spatial Learning in FeCl3-Induced Epileptic Rats	PA060	10-Dec-22
Neha Yadav	Advanced Neuroimaging and Event Based Modeling of Brain Structures and Microstructures: Development of Imaging based artificial intelligence platform predictive of Cognitive status and Dementia	PA061	10-Dec-22
Anuradha Mangla	Contributing role of Bisphenol A in augmenting the oxidative stress in brain of obese female rats	PA062	10-Dec-22
Rachagolla Sai Prathap Yadav	Identification of novel genes regulating social isolation induced behaviors in <i>Drosophila</i> .	PA063	10-Dec-22
Rachana Kashyap A N	Role of actin signalling pathways in $\beta$ -synuclein induced tunneling nanotubes mediated transformation of neuroglial cells into cancer stem-like cells	PA064	10-Dec-22
Nisha	Role of genistein in cognitive impairment through SOD and CAT manifested in behavioral test of stressed mice	PA065	10-Dec-22
Ms. Hiba Khan	REPURPOSED DRUG EXERTS NEUROPROTECTIVE EFFECT IN SUB ARACHNOID HEMORRHAGE VIA RESTORING MITOCHONDRIAL DYSFUNCTION	PA066	10-Dec-22
Neha	Amelioration of cognitive deficit by atorvastatin in A $\beta$ <sup>1-42</sup> induced Alzheimer's disease in a rat model	PA067	10-Dec-22
Malvika Ganesh Iyer	Brain tumor segmentation using multimodal neuroimaging techniques: a deep convolutional neural network approach.	PA069	10-Dec-22
Sumela Basu	Transient receptor potential vanilloid 2 (TRPV2) in the rat brain: role in modulation of the nigrostriatal dopaminergic pathway	PA070	10-Dec-22
Ms. Priyanka Gautam	Evaluation of gut microbiota diversity in Amyotrophic Lateral Sclerosis	PA071	10-Dec-22
S. Indira Priya	ELUCIDATING THE ANTI-INFLAMMATORY ROLE OF SCFA IN JEV MEDIATED NEUROINFLAMMATION IN MICE	PA072	10-Dec-22
Saba Afsheen	Neurotoxicity Assessment of Fenpropathrin in <i>Drosophila Melanogaster</i>	PA073	10-Dec-22
HANNAH PRISCILLA	Mitophagy in retinal cells after experimental iron accumulation in rats	PA074	10-Dec-22
Abir Mondal	G6PD deficiency mediated dysregulation of redox equilibrium contributing to Covid-19-mediated neuroinflammation	PA075	10-Dec-22
Ariyanachi Kaliappan	Morphometric analysis of anterolateral triangle of cavernous sinus with its clinical significance – a cadaveric study	PA076	10-Dec-22
Ankit	Reduced cortical activation and functional connectivity in Attention deficit hyperactivity disorder during working memory task: A QEEG study	PA077	10-Dec-22
Urmila John	CSPG upregulation causes impaired dendritogenesis and spinogenesis, leading to synaptic dysregulation and inhibition of plasticity in a double-hit rat model of protein malnutrition (PMN) and bacterial infection (LPS)	PA078	10-Dec-22