

Details of Ph.D. Students with Title of Thesis

S. No.	Name of candidate	Date of Award	Title of the thesis
1	Harish V. Pai	14-08-2006	Drug biotransformation pathways mediated by brain specific cytochrome P450
2	Rajappa S.Kenchappa	14-08-2006	Mitochondrial dysfunction and protein thiol Homeostasis in neurodegeneration
3	Latha Diwakar	14-08-2006	Gender related difference in pathogenesis of neurodegenerative disorder: role of mitochondrial dysfunction and protein thiol homeostasis
4	Kommaddi Reddy Peera	30-01-2009	Study on Cytochrome P450 enzymes in Human Brain
5	Rashmi Mishra	30-01-2009	Novel functions of GAP-43 in CNS morphogenesis
6	Supriya Ray	30-01-2009	The control of sequential eye movements
7	Priyanka Dikshit	27-04-2009	Role of Ubiquitin Protein Ligases and Proteasome inhibitors in the Pathogenesis of Polyglutamine Diseases
8	Anand Goswami	27-04-2009	Understanding the role of Oxidative stress, ER stress response and transcriptional deregulation of NF-KB in the cellular model of Huntington's Disease
9	Sandeep Kumar	27-04-2009	Understanding the molecular mechanism of photoreceptor-specific gene regulation in retina

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S. No.	Name of candidate	Date of Award	Title of the thesis
10	Amit Kumar Mishra	27-04-2009	Understanding the molecular function of E6-AP-a putative E3 ubiquitin ligase mutated in Angelman mental retardation Syndrome
11	Smitha Karunakaran	27-04-2009	Cell death mechanisms in Parkinson's Disease
12	Manoj Kumar	26-07-2012	Neuronal differentiation and subtype specification in embryonic stem cells
13	Latika Singh	26-07-2012	Development of articulatory features in children
14	Mamata Mishra	26-07-2012	Understanding Molecular Basis of HIV-1 Tat-Induced Complications in Human Fetal Brain Cells
15	Khundrakpam Budhachandra Singh	26-07-2012	A Generalized Tensor Approach to Brain Imaging
16	Manoj Kumar Mishra	26-07-2012	To study the aberrant glial response in Japanese Encephalitis: from molecular mechanism to therapeutic intervention
17	Shailesh Kumar Gupta	26-07-2012	Role of GAP-43 in centrosome orientation in mouse cerebellar granule neurons
18	Uzma Saeed	26-07-2012	Role of glutaredoxin as a redox modulator and elucidation of cell death mechanism triggered by MPTP

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S. No.	Name of candidate	Date of Award	Title of the thesis
19	Nazia Khurshid	26-07-2012	Role of Opioid System in Behaviour and Cell Proliferation in Adult Male Zebra finches (<i>Taenopygia guttata</i>)
20	Alok Gupta	26-07-2012	Evaluation of molecular basis underlying the efficacy of <i>Withania somnifera</i> extract in reversing the behavioural deficit and alleviating the pathological symptoms in mouse models (APPSWE-PsdE9, APPSWE-IND) of Alzheimer's disease
21	Sulagna Das	26-07-2012	Modulation of the fate of neural stem/progenitor cells in japanese encephalitis: Implications in viral neuropathogenesis
22	Shashank Tandon	26-07-2012	Reorganization of the sensorimotor cortex following partial spinal cord injuries
23	Vivek Sharma	26-07-2012	Inflammation in Glioblastoma: Implications for Therapy
24	Varsha Agarwal	26-07-2012	Identification and functional characterization of brain specific cytochrome P450 enzymes
25	Manisha Chugh	26-07-2012	Influence of lesions of motor cortex on somatosensory function
26	Ziauddin	26-07-2012	Influence of cortical injuries on somatosensory function
27	Shalaka Ajit Mulherkar	26-07-2012	Characterization of Motor Deficits in a mouse model of angelman syndrome:

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S. No.	Name of candidate	Date of Award	Title of the thesis
28	Nitin Koul	26-07-2012	Understanding the implications of insulin-like growth factor (IGF-1) induced signaling in Glioblastoma
29	Tanusree Das	26-07-2012	Cortical Reading Networks in Hindi-English Biscryptals
30	Richa Tewari	26-07-2012	STUDY OF ABERRANT, PRO-SURVIVAL CELLULAR SIGNALING CASCADES IN GLIOBLASTOMA: IMPLICATIONS IN THERAPEUTICS
31	Arjun R	26-07-2012	Voluntary Control Of Saccadic Eye Movement Planning
32	Chinmoyee Maharana	26-09-2012	Activity-Dependent Posttranslational Modificationsof Proteins: Implications for Synaptic Plasticity and Memory
33	Parthiv Haldipur	26-09-2012	The Role of Sonic Hedgehog signaling in the proliferation and differentiation of cerebellar granule cell progenitors
34	Jai Prakash Sharma	26-09-2012	Identification and characterization of substratesof Malin, an E3 Ligase Mutated in Lafora Progressive Myoclonus Epilepsy
35	Sudheendra Rao N R	21-12-2012	Protein aggregation, sequestration and ubiquitin proteasome system dysfunction in the pathogenesis of Lafora disease
36	D. Lalitha	27-12-2012	Redox signaling mechanisms and altered gene expression mediated by dopaminergic neurotoxin, MPTP : Implications in Parkinson's disease

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S. No.	Name of candidate	Date of Award	Title of the thesis
37	Deepak Kumar Kaushik	23-05-2013	TO STUDY THE MOLECULAR MECHANISMS OF NEUROINFLAMMATION: ROLE OF KRÜPPEL LIKE FACTOR 4 AND NLRP3 INFLAMMASOME IN MICROGLIAL ACTIVATION
38	Neha Sehgal	24-06-2013	Discovery, development of drugs for Alzheimer's disease, neuroinflammation and elucidating their molecular mechanism of action
39	Leslee L	28-11-2013	Information processing in the hand representation of primary somatosensory area
40	Rupali Srivastava	20-12-2013	Conditional Math1 over-expression in mouse embryonic stem cells specifies the cerebellar granule neuron identity
41	Neha Bhutani	08-01-2014	Temporal control of sequential eye movements: evidence from behavioral psychophysics, Parkinson's disease patients and pharmacological inactivation in monkeys
42	Niranjan A. Kambi	16-04-2014	Extent and Mechanisms of Plasticity in the Somatomotor Cortex following partial spinal cord injuries in monkeys
43	G. Swetha Kameshwari	01-05-2014	Elucidating importance of coactivator role of Ube3a and glucocorticoid signaling in the pathogenesis of Angelman Syndrome
44	Megha Maheshwari	01-05-2014	Role of Ube3a and heat shock factor-1 in progression of Huntington's disease
45	Arshed Nazmi	05-05-2014	Role of Pattern Recognition Receptors in the pathogenesis of Japanese Encephalitis and Novel Therapeutic Strategies

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S. No.	Name of candidate	Date of Award	Title of the thesis
46	Megha Sharda	02-06-2014	Auditory Processing in Autism Spectrum Disorders
47	Varsha Jain	22-07-2014	Brn3-Expressing Retinal Ganglion Cells and Their Role in Vision
48	K. M. Sharika	21-08-2014	Contextual control in the planning of sequential saccades
49	Deobrat Dixit	10-11-2014	Study of Signaling and Transcriptional networks underlying resistance to apoptosis in Glioblastoma
50	Shaily Malik	31-12-2014	Cellular and Molecular Events during HIV-1 and Drug Abuse Co-morbidity
51	Kiran	31-12-2014	Protein Modifications: Relevance to Synaptic Plasticity and Memory
52	Shilpa Mishra Shukla	08-01-2015	Neuroprotection against Amyloid Beta-Induced Toxicity and effects of Amyloid Beta on Growth Factor Signaling
53	Pankaj Sadashiv Ghate	06-04-2015	Development of a Novel Cellular Model of Alzheimer's Disease Utilizing Neurosphere Cultures and Alteration of p75NTR, DR6 Expression and RIP1 Proteolysis in B6C3-Tg (APPswe,PSEN1dE9) Mouse Brain
54	Subhadip Paul	05-06-2015	Higher Order Diffusion Tensor Imaging and Stochastic Perturbation Response in Brain Tumour

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S. No.	Name of candidate	Date of Award	Title of the thesis
55	Sadashib Ghosh	10-06-2015	Regulation of Major Histocompatibility Complex Class I in glioblastoma: Role of hypoxia inducible factor-1 α
56	Ruchi Ghildiyal	03-08-2015	Study of IFN γ -associated signalling and metabolic adaptations in glioblastoma: Implications for therapy
57	Mohammed Hisham P.M	03-09-2015	Organization of the Rat Motor Cortex: Insights from Thalamic and Cortical Afferents
58	Rahul Chaudhary	12-10-2015	Effects of chronic and acute injuries on brain functions
59	Manvi Goel	09-11-2015	Role of Müller glial cells in retinal degeneration
60	Ajit Ray	03-12-2015	The role of redox modifications of protein thiols in the pathogenesis of neurodegenerative disorders
61	Atul Gopal P.A	12-02-2016	Computational Mechanisms of Eye-Hand Coordination
62	Piyushi Gupta	13-04-2016	IL-1 β signalling in metabolic adaptation, survival and immune evasive responses in glioma
63	Sourish Ghosh	30-05-2016	Deciphering Mechanism of Neuronal Death in Chandipura Virus (CHPV) infection : from Molecules to Network

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64	Sarika Cherodath	08-07-2016	Neural mechanisms of reading in Hindi-English biliterate children
65	Manju Tewari	11-08-2016	Role of ligand gated purinergic receptor P2X7R in HIV-1 Neuropathogenesis
66	Suhela Kapoor	06-09-2016	A Computational Systems Biology Approach to the Performance Optimization of Cell Population Dynamics : Implication for Cerebrovascular and Neuro-oncological Disorders
67	Fahim Ahmad	05-12-2016	Telomere in Metabolic Programming and Survival Responses in Glioblastoma Multiforme
68	Mahar Fatima	09-02-2017	Cellular Mechanisms Contributing to HIV-1-Associated Neurocognitive Disorders
69	Kaushik Pramod Sharma	21-03-2017	Mechanisms of synaptic plasticity in the hippocampus
70	Deepak Poria	22-03-2017	Understanding Signal Processing in Inner Retina after Photoreceptor Degeneration
71	Priyabrata Halder	12-05-2017	Mechanisms of plasticity of somatosensory pathway after spinal cord injuries in macaque monkeys
72	Himakshi	27-07-2017	Curcumin-Mediated Induction of Proapoptotic Bcl Genes is Associated with Apoptosis in Mouse Neuro 2a Neuroblastoma Cells and Involves Activation of p53

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S. No.	Name of candidate	Date of Award	Title of the thesis
73	Imran Jamal	01-09-2017	Effect of environmental enrichment and histone deacetylase inhibitors on mouse model of angelman syndrome
74	Avantika Mathur	18-01-2018	Characterising the Emotions Experienced by North Indian Classical Ragas – Behaviour and Neuroimaging Study
75	Pushpa Kumari	19-02-2018	Regulatory mechanism of synapse formation by non-canonical function of Ubiquitination
76	Brijesh Kumar Singh	16-04-2018	Understanding the Role of Ube3a in Progression of Alzheimer's Disease Using APPswe/PS1 δ E9 Mouse Model
77	Shalini Swaroop	04-10-2018	Deciphering the underlying mechanism of 1L-1 β induced microglial activation : regulatory role of HSP60 in neuroinflammation
78	Abhishek Kumar Verma	25-10-2018	Inflammation Induced Neurodegeneration in Chandipura Virus Infection: From Molecular Mechanism to Therapeutic Intervention
79	Reshma Bhagat	08-08-2019	Role of non-coding RNAs in Zika Virus-mediated neuropathogenesis
80	G Vinodh Kumar	27-08-2019	Large-scale neural dynamics of cross-modal speech perception
81	Bharat Prajapati	11-09-2019	Identification of Association between Genetic Variants and Behavioural Profiles in Indian Population affected with Dyslexia

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S. No.	Name of candidate	Date of Award	Title of the thesis
82	Naman Vatsa	19-09-2019	Dysregulated expression of microRNA-708 and its role in pathogenesis of Angelman Syndrome