


50. Paul, S., Bhattacharya, P., Pandey, A., Sharma, N. and Patnaik, R., 2012, June. FFT: an effective tool to prove the degree of neuronal insult after focal cerebral ischaemia in animal...


Book/Book chapters

Book


Book Chapters


Conferences/Peer reviewed abstracts


11. K Atchaneyyasakul, M Watanabe L Guada, P Bhattacharya, A Raval, T Rundek and D Yavagal. Effects of Intra-Arterial Delivery of Mesenchymal Stem Cells on Infarct Size and Neurological Outcome in Rat Middle Cerebral Artery Occlusion Model: A Systematic Review and Meta-analysis. American Academy of Neurology 69th Annual Meeting, Boston, USA. Published in Neurology (I.F 8.28)


17. Pallab Bhattacharya, Anand Kr. Pandey, Sudip Paul, Ranjana Patnaik: A possible neuroprotective role of Piroxicam in attenuating Glutamate and 5-HT mediated neuronal
insult in animal model of Focal Cerebral ischemia. 11th International Conference on Neuroprotective Agents, Wendake, Quebec City, Quebec, Canada, 2012. Published in CNS NeurolDisord Drug Targets (I.F 2.5)


28. Pallavi Rane, Deepaneeta Sarmah, Shashikala R. Bhute,TikendraSonwan, Vinod Tiwari, Kiran Kalia and Pallab Bhattacharya*. Preclinical Assessment of Polyphenols in the treatment of


36. Pallab Bhattacharya, Anand Kr. Pandey, Sudip Paul, Ranjana Patnaik: Piroxicam exerts a neuroprotective action in a rat model of focal cerebral ischemia (Oral Presentation/Paper Accepted International Conference on Tissue Engineering and Regenerative Medicine, National Institute of Technology, Rourkela, India, September 29- October 2, 2011.

37. Anand Kr. Pandey, Pallab Bhattacharya, H.S Sharma Influence of engineered nanoparticles from metals (Ag, Cu or Al) on Age-related changes in Lectin binding in the rat brain following heat stress Neuroscience-2012,SfN Oral presentation

38. Pallab Bhattacharya, Anand Kr. Pandey, H.S Sharma Repeated cerebrolysin administration attenuated Hyperthermia induced astrocytic activation, myelin damage and brain edema in normal and in Cu and Ag nanoparticles treated rats Neuroscience- 2012,SfN Oral presentation

39. Pallab Bhattacharya, Anand Kr. Pandey, Sudip Paul, Ranjana Patnaik: A possible neuroprotective role of Piroxicam in attenuating Glutamate and 5-HTmediated neuronal insult in animal model of Focal Cerebral ischemia. 11th International Conference on Neuroprotective Agents, Wendake, Quebec City, Quebec, Canada, Sept 30-Oct 3, 2012(Oral Presentation)
40. Pallab Bhattacharya, Alyssa A. Toledo, Sudheesh Pilakka Kanthikeel, Madhavan Nair, Joshua. M. Hare, Ami P. Raval, and Dileep R. Yavagal. Brain-derived growth factor (BDNF) signaling: Possible implications for BDNF bound magnetic nano-carriers for the treatment of stroke. CAEN-2015, University of Miami, USA.


44. Corinne Bunn, Pallab Bhattacharya, Weizhao Zhao, Aisha Khan, Joshua. M. Hare, Miguel Perez-Pinzon, Dileep R. Yavagal, and Ami P. Raval. Intra-arterial stem cell treatment reduces injury in a reproducibly senescent rat model of stroke. CAEN-2015, University of Miami, USA.


48. Corinne Bunn, Pallab Bhattacharya, Alyssa A. Toledo, Weizhao Zhao, Aisha Khan, Joshua M. Hare, Miguel Perez-Pinzon, Dileep R. Yavagal, and Ami P. Raval. Intra-arterial Stem Cell Treatment Reduces Ischemic Brain Injury In Reproductively Senescent Female Rats Symposium of the Society for Personalized Nano-Medicine.-2015 Florida International University, Miami, USA.


50. Pallab Bhattacharya, Weizhao Zhao, Aisha Khan, Joshua. M. Hare, Miguel Perez-Pinzon, and Ami P. Raval. Intra-arterial delivery of mesenchymal stem cell protects brain from stroke injury via brain-derived growth factor (BDNF) signaling. 10th Annual Conference of Indian Stroke Association - INSC 2015, Chandigarh, India.


54. Pallab Bhattacharya, Mitsuyoshi Watanabe, Aisha Khan, Joshua. M. Hare, Miguel Perez-Pinzon and Ami P. Raval, Dileep R. Yavagal. Intra arterial stem cell treatment reduces ischemic brain injury in rats. Miami Winter Symposium 2016, Miami, USA (Poster Presentation)


59. Arpit Sharma, P. Bhattacharya, S. Paul, R. Patnaik: Rehabilitation of Focal Cerebral Ischemia following exposure to low dose of Direct Current Electromagneto Therapy (Published in National Conference on Biomedical Engg. Research and Application, JIS, Kolkata.

60. Rupsha Mukhopadhyay, P. Bhattacharya, S. Paul, R. Patnaik: Design of Electro Magneto therapy unit for rats & evaluating its performance by wound healing (Published in National Conference on Biomedical Engg. Research and Application, JIS, Kolkata)


62. Pallab Bhattacharya Anand Kr. Pandey, Sudip Paul, Ranjana Patnaik Piroxicam alters brain electrical activity, attenuates oxidative stress and decreases ischemic neuronal and excitotoxic damage in vivo. Poster Accepted GEM4 Winter School, Georgia Tech, Atlanta, USA.


64. Pallab Bhattacharya, Anand Kr. Pandey, Sudip Paul, Ranjana Patnaik Attenuation of oxidative stress and MMPs in ischemic stroke: the evaluation of biomarker for antioxidant therapy NCBM, JNIA, Hyderabad.


70. Dileep R. Yavagal, Pallab Bhattacharya, Mitsuyoshi Watanabe, Weizhao Zhao, Aisha Khan, Joshua M. Hare, Miguel Perez-Pinzon and Ami P. Raval. Intra-arterial stem cell treatment reduces the ischemic brain injury in the reproductively senescent female rats. American Heart Association (AHA) Conference, Orlando, Florida, USA


72. Dileep R. Yavagal, Pallab Bhattacharya, Mitsuyoshi Watanabe, Weizhao Zhao, Aisha Khan, Joshua M. Hare, Miguel Perez-Pinzon and Ami P. Raval. Intra-arterial stem cell treatment reduces the ischemic brain injury in the reproductively senescent female rats. University of Miami, Neuroscience Day Conference, Miami, Florida, USA (Poster Presentation)

73. Glutamate mediated neuronal insult by Piroxicam in animal model of Focal Cerebral ischemia: Possible involvement of GABA agonism Poster Presentation. XXIth World Congress of Neurology, Vienna, Austria Sep 22-25, 2013


Invited Talks:

1. Invited talk on ‘Stem cell therapy to aid ischemic stroke recovery: Implications of Inflammasome signalling’ at the International Brain Research Organization (IBRO-APRC) School 2019 on ‘Advanced techniques to explore the functions of normal and diseased brain’ held at Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum, Kerala.
2. Invited talk on ‘Stem cell therapy to aid ischemic stroke recovery: Implications of Inflammasome signalling’ at the International Brain Research Organization (IBRO-APRC) School 2019 on ‘Associate School on Advances in Molecular Neurobiology Research’ held at Indira Gandhi National Tribal University, Amarkantak, Madhya Pradesh.

3. Invited Talk on Intra-arterial stem cell therapy to aid ischemic stroke recovery: Implications of brain derived growth factor (BDNF) signaling. Invited Talk at Indian Academy of Neuroscience 2016 meeting at National Brain Research Centre, Manesar.

4. APJ Abdul Kalam Invited Talk on Stem cell therapy in animal model of Ischemic stroke: A move from bench to bedside. at Indian Academy of Biomedical Science Conference, 2017

5. Invited Talk on ‘Stem cell therapy to aid ischemic stroke recovery: Move from bench to bedside’ at 2nd IBRO Bangladesh Associate School of Neuroscience: Fundamental of Neuroscience, Neural Disorders, and Neural Engineering, Dhaka, Bangladesh

6. Invited Talk on ‘Stem cell therapy to aid ischemic stroke recovery: BBB and mitochondrial protection’ at IBRO Associate School on the theme “Blood-Brain-Barrier: From Basic Physiology to Neurological Disorders” Panjab University, Chandigarh.

7. Invited Talk on ‘Stem cell therapy to aid ischemic stroke recovery: Implication of Inflammasome signaling at IAN Meeting, AIIMS, New Delhi

8. Invited Talk on ‘Stem cell therapy to aid ischemic stroke recovery: Role of mitochondrial transfer at Indo-US Symposium, Andaman Nicobar, India