Publications:

Jayakrishna Tippabathani, **Jayshree Nellore**, Vaishnavi Radhakrishnan, Somashree Banik, Sonia Kapoor. Identification of NURR1 (exon 4) and FOXA1 (exon 3) haplotypes associated with mRNA expression levels in Peripheral blood lymphocytes of Parkinson’s Patients in small Indian population. Journal of Parkinson’s Disease (In press)

P.S. Pradeep, **Jayshree Nellore**, Malathy Balaraman Ravindran, Jayakrishna Tippabathani. Enhancement of antimicrobial activity by liposomal oleic acid loaded antibiotics for the treatment of multi drug resistant Pseudomonas aeruginosa. Artificial cell, nanomedicine and Biotechnology (Under revision)


Nellore, J., Nandita, P. Paraquat exposure induces behavioral deficits in larval zebrafish during the window of dopamine neurogenesis. Toxicology Reports. Volume 2, 2015, Pages 950-956. ISSN No: 2214-7500


**Jayshree Nellore**, *, P. Cynthia Pauline, Kanchana Amarnath. Biogenic synthesis by sphearanthusamaranthoids; towards The efficient production of the biocompatible gold Nanoparticles. Digest Journal of Nanomaterials and Biostructures. 7. /1 123 – 133 2012. ISSN No: 1842-3582


AMARNATH kanchana*, ISHA agarwal, SWETHA sunkar, JAYSHREE nellore, KARTHICK namasivayam. Biogenic silver nanoparticles from spinaciaoleracea and Lactucasativa and their potential antimicrobial activity. Digest Journal of Nanomaterials and Biostructures. 6, 4 1741-1750. 2011 ISSN No: 1842-3582

Jayshreenellore and KanchanaAmarnath Development and in vitro evaluation of Strawberry fruit extract loaded biodegradable nanoparticles in therapy for neurodegenerative disorders IEEE proceedings International Conference on Nanoscience, Engineering and Technology (ICONSET), Sathyabama University 978-1-4673-0071-1 396 – 40

KanchanaAmarnath and Jayshree Nellore Antioxidant potential of phytonanoparticles in an emerging biofluid (saliva) of periodontitis patients IEEE proceedings International Conference on Nanoscience, Engineering and Technology (ICONSET), Sathyabama University 978-1-4673-0071-1

LathaDiwakar, Rajappa S. Kenchappa, JayasreeAnnapu, and VijayalakshmiRavindranath, Downregulation of glutaredoxin but not glutathione loss leads to mitochondrial dysfunction in female mice CNS:Implications in excitotoxicityNeurochem Int. (2007): Apr 5. ISSN No: 0197-0186

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Jayasree, A. and Ravindranath, 1-methyl-4-phenyl-1, 2, 3, 6-tetrahydropyridine induced complex-I inhibition is reversed by disulfidereductant, dithiothreitol in mouse brain. Neuroscience Letters, V.289 (2000) 209-212. ISSN No: 0304-3940

Industrial Training: 2 lines

Modern Molecular Techniques to Study Neurological and Psychiatric Disorders

Development of polymeric nanoparticulate targeted formulation for specific delivery to the site of interests

Academic / Professional activities:

- Institutional biosafety committee member
- Internal member- Board of studies
- Reviewer-Recent Patents on Nanotechnology (Bentham Science Publishers)
- Reviewer-International Journal of Biochemistry Research & Review (Science domain international)
- Reviewer-Croatian Journal of Fisheries
- Reviewer-Water Science and Engineering (Elsevier)
- Life member in Society of Neurosciences India
- Member in Stem cell society India

Awards/Honours

Best Faculty Award 2007 & 2012

Sponsored Projects / Industrial Consultancy

Reversal of multi drug resistant Pseudomonas aeruginosaisolated from various clinical sources by Pyochelin – conjugated liposome oleic acids co encapsulated with combination antibiotics (ICMR)

Studies on expression of Nurr1, Foxa1, Engrailed – 1/2 and Lmx1a/b genes in MPP+ induced Parkinson disease model in zebra fish embryos (DBT-Neurobiology)