



Panchanan Maiti, PhD

Panchanan Maiti, received his B.Sc. and M.Sc. degrees on Human Physiology from Vidyasagar University, WB, India, and a Ph.D. in Physiology from Bharathiar University, India. He also received post-graduate diploma in Medical Laboratory Techniques from Calcutta School of Tropical Medicine, WB, India. After his PhD, Dr. Maiti was employed as a Postdoctoral Research Scholar, at Department of Neurology and Department of Medicine, University of California at Los Angeles, CA, USA. He pursued another Postdoctoral fellowship at Department of Neurology, University of Tennessee Health Science Center, TN, USA. Currently, he is the Lead Neuroscientist at Ascension of St. Mary's hospital, MI, USA. He also serves as adjunct faculty, at Dept. of Psychology, Central Michigan University and Dept. of Biology at Saginaw Valley State University, MI, USA. Dr. Maiti is also appointed as an Instructor at Brain Research Laboratory, Dept. of Health and Human Services, Saginaw Valley State University, MI, USA. His current research focuses on treatment of neurodegenerative diseases using anti-amyloid polyphenols. He is interested in role of protein degradation pathways and autophagy mechanism(s) in different neurodegenerative diseases, especially Alzheimer's, Parkinson's and Huntington's diseases. In addition, he is also investigating the combination treatment efficacy on glioblastoma, an aggressive brain cancer. He has published about fifty research articles and book chapters on neuroscience field and co-supervised few PhD and master students.

Current positions

2015-present: Lead Research Scientist, St. Mary's of Michigan, Ascension Health, MI, USA
2015-present: Adjunct Faculty, Dept. of Psychology, Central Michigan University, MI, USA
2016-present: Adjunct Faculty, Dept. of Biology, Saginaw Valley State University, MI, USA
2017-present: Instructor: Brain Research Laboratory, Saginaw Valley State University, MI, USA
2016-present: Graduate Faculty Member, Neuroscience program, Central Michigan University, USA

Postdoctoral research experiences

2008-2010: Postdoctoral Research Fellow, Dept. of Neurology, University of California at Los Angeles, California, USA
2010-2012: Postdoctoral Research Fellow, Dept. of Medicine & Neurology, University of California at Los Angeles/Veteran Affairs Medical Center, Los Angeles, California, USA
2013-2014: Postdoctoral Fellow, Dept. of Neurology, University of Tennessee Health Science Center, Memphis, Tennessee, USA
2003-2004: Project Assistant, Dept. of Biotechnology, Indian Institute of Technology, KGP, WB, India

Education

- PhD in Physiology: Bharathiar University, Coimbatore, India
- MS in Human Physiology with Community Health: Vidyasagar University
- BS in Physiology (Honors): Vidyasagar University
- Postgraduate Diploma in Laboratory Techniques: Calcutta School of tropical Medicine

Professional awards/honors/fellowships

1. 2017: Recognizing Upward, Bright and Young (RUBY) Award by 1st State Bank, WNEM TV-5, Great Lakes Bay Regional Lifestyle Magazine, Young Professionals Networks of Saginaw, Bay and Midland Counties' Chambers, MI, USA
2. 2019: Travel Award, The American Society for Neural Therapy and Repair, Florida, USA
3. 2014: Travel grant for Federation of European Neuroscience Society-2014 by R&D System
4. 2012: Travel Award of Alzheimer's Association International Conference, USA
5. 2010: Travel Award of International Conference on Alzheimer's Diseases, USA
6. 2007: Prof. PB Sen. Memorial Research Prize, Physiological Society of India
7. 2007: Surg. Rear Admiral MS. Malhotra Research Prize, DRDO, India
8. 2007: Travel Award of Neuro-2007, Japan Neuroscience Society, Japan
9. 2007: Travel Award of 7th World Neuroscience Congress, IBRO, Europe
10. 2004: Junior and senior research fellowship, Ministry of Defence, Govt. of India
11. 2004: Graduate Aptitude Test in Engineering, Indian Institute of Technology
12. 2002: University Gold Medal, Vidyasagar University, WB, India
13. 2002: Endowment Award, Vidyasagar University, WB, India

Academic credentials

- Publications: 47
- Book chapters: 4
- Abstract published in international journals: 13
- Invited talks/presentations in Universities/Institutes: 32
- Papers in international /national conference: 66
- Member of scientific societies: 10
- Editorial board member in international scientific journals: 23
- Research media reports: 35
- Research co-advisor: 9 (6 PhD, 5 MSc)

Membership in professional societies

- 2017-present: Member of PhD board examiner: Bharathiar University, Coimbatore, India
2018-present: Executive Vice-President & Treasurer: Team NeurON, Texila America University, Guyana
2018-present: Scientific advisor, Apollo Hospital, Hyderabad, India
2014-present: American Society for Cell Biology, USA
2013-present: Association for Psychological Sciences (APS), USA
2011-present: International Society for Neurochemistry (ISN), Europe

2008-present: Society For Neuroscience (SFN), USA
2007-present: International Brain Research Organization (IBRO), Europe
2007-present: Japan Neuroscience Society (JNS), Japan
2007-present: Physiological Society of India (PSI)
2006-present: Indian Academy of Neurosciences (IAN)
2005-present: Association of Physiologists and Pharmacologists of India (APPI)

Websites:

1. LinkedIn: <https://www.linkedin.com/in/panchananmaiti>
2. Google Scholar: <https://scholar.google.com/citations?user=C8xIVzkAAAAJ&hl=en&safe=on&cstart=20&pagesize=20>