

Prof. (Dr.) B.N. Mallick

Professor & Director

Amity Institute of Neuropsychology & Neurosciences

Qualification

M.Sc., D.M.S., Ph.D.

Professional Affiliations & Experience

July 1981- August 1983 - Teaching Fellow, Department of Physiology, AIIMS

Sept 1983- June 1986 - Senior Demonstrator, Department of Physiology, AIIMS

June 1986 - Sept 1993 - Asstt. Prof., School of Life Sciences, JNU

May 1987- July 1988 - Research Assoc., UCLA, USA

March 1993 - July 1993 - Visiting Asstt. Prof., Harvard Medical School, USA

Oct 1993 - Sept 2001 - Assoc. Professor, School of Life Sciences, JNU

March 1995 - July 1995 - Visiting Assoc. Prof., Dept. of Neuropsychiatry, UCLA, USA

March 1997 - July 1997 - Visiting Assoc. Prof., Dept. of Neuropsychiatry, UCLA, USA

Oct 2001 – July 2021 - Professor, School of Life Sciences, JNU

Aug 2021 – Till date – Professor & Director, Amity Institute of Neuropsychology & Neurosciences

Nov-Dec 2002 - Invited/Guest Professor, Univ of Nice Sophia-Antipolis, Faculté des Sciences, France

May 2017 - Invited/Guest Professor (Erasmus Fellowship); Univ of Autonoma Madrid, Spain

Oct 2018 - Invited/Guest Professor Wroclaw Medical University, Wroclaw, Poland

Current Courses Taught

Introduction to Neurobiology, Neurophysiology and Behaviour, Sensory and Motor Regulations

Research Interest

Neural Mechanisms and function of REM Sleep
Anatomical Studies
Behavioral and Systemic Biology
Biochemical & Biophysical
Bioinformatics & in Silico
Cellular & Molecular
Computational & Mathematical Modeling
Primary and Secondary Neuron
Model System

Teaching Interest

Neurosciences- Sleep Biology, Behavior

Publications

112

Books Chapters

30

Books

4

Professional Activities

Birendra N. Mallick secured first positions in College (B.Sc. Hons; B K S Medal) and in Calcutta University (M.Sc.; Univ. Gold Medal) in Physiology; he also possesses a diploma/degree in Homoeopathic Medicine from Calcutta. After completing Ph.D.

(AIIMS) he preferred joining the School of Life Sciences (SLS), JNU as Asstt Prof and since 2001 continues there as a Professor of Neurobiology. He holds/held several positions as member/chair of several National and University level committees including Dean of the SLS/JNU during 2013-2014. Besides, teaching several courses to the M.Sc./M.Phil. students, in JNU starting from scratch he has established Neurobiology research lab in general and REM sleep research in particular; he initiated REM Sleep research in this country. His research focusses on understanding “Neural Regulation and Functions of REM Sleep” (<http://www.jnu.ac.in/Faculty/bnmallick/>; <http://neurowiki2013.wikidot.com/individual:rem-sleep>). He has published >140 research papers and book chapters and has written/edited 4 books (including Marcel Dekker, USA 1999; Cambridge Univ Press, UK, 2011); he has delivered ~300 invited lectures within the country and abroad. He was invited faculty/guest faculty (Asst Prof./Assoc Prof./Professor) in several Univs in India and UCLA, USA; Harvard Univ, USA; Univ Autonoma Madrid, Spain; Wroclaw Univ, Poland. He has delivered invited lectures in 16 countries, 28 universities as a visiting/guest faculty/scientist or in international meetings. He has chaired several sessions in National and International scientific meetings. He has been invited to peer review research papers from ~50 International journals; he is/was Assoc Editor of several International journals. Twenty-three candidates have completed Ph.D. under him (5 are continuing), several of them have received coveted National awards in India/abroad (besides other awards) and are independent teachers/scientists in India/abroad. Biren Mallick has been elected fellows of all the three nationally recognized Science Academies (F.N.A.Sc., F.A.Sc., F.N.A.); he has received several national awards/recognitions including Shanti Swarup Bhatnagar Award (Medical Sciences) (CSIR, 2001); National Bioscience Award (DBT, 1999); Shakuntala Amir Chand Award (ICMR, 1992); BK Anand Award (APPI, 1984) and J. C. Bose National Fellowship (DST, 2010-2020). During school-days he was conferred with President’s Scout badge; also, he represented District and Divisional School teams for selection to the state teams in hockey and cricket.

Other Achievements

B. K. S. Medal (1978) --- B.Sc. (1st in College)

University Gold Medal (1981) --- M.Sc. (1st in Calcutta University)

B. K. Anand Research Prize (1984) --- Association of Physiologists & Pharmacologists of India

Shakuntala Amir Chand Award (1992) --- Indian Council of Medical Research, India

National Bioscience Award (1999) ----- Department of Biotechnology, India

Elected Fellow of *The National Academy of Sciences (F.N.A.Sc.) (2000)*

Shanti Swarup Bhatnagar Prize (*Medical Sciences, 2001*) Council of Scientific & Industrial Research, India

Ramendra Sundar Sinha Memorial Oration (2001) ---- Physiological Society of India

Chandra Kanta Dandiya Prize (2001) --- P C Dandiya Trust, India

Elected Fellow of *The Indian National Science Academy (F.N.A.) (2004)*

Elected Fellow of *The Indian Academy of Sciences (F.A.Sc.) (2010)*

J. C. Bose National Fellowship, DST (2010 - 2020)

Elected Fellow of the West Bengal Academy of Science and Technology (FAScT) 2010

Contact Information

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