

## **Prof. Partha Pratim Majumder**

National Science Chair, Science & Engineering Board, Government of India; Distinguished Professor, John C. Martin Centre for Liver Research & Innovations; Emeritus Professor, Indian Statistical Institute (ISI); Honorary Professor, IISER Kolkata; Honorary Professor, IISER Mohali; Adjunct Professor, IIT Delhi, New Delhi.

Prof. Partha Pratim Majumder has made significant contributions to human statistical and population genetics and genomics. He obtained his Bachelor's, Master's and Doctoral degrees from the ISI, Kolkata. He did his post-doctoral research at the Center for Demographic & Population Genetics, University of Texas Medical Center, Houston. He has served for two years, 1987-1989, as visiting Assistant Professor at the University of Pittsburgh before returning home and joining his alma mater ISI's Anthropology and Human Genetics Unit. Later he founded two institutes – one in Kolkata, Center for Population Genomics and second one in Kalyani, National Institute of Biomedical Genomics, a Government of India institution.

He has developed methodologies for mapping human disease genes, identified genomic factors underlying many diseases notably oral cancer, and has reconstructed the ancestries and relationships of various endogamous population groups of India and Asia using genomic methods and tools. He has immensely contributed to capacity-building in human and statistical genetics in India. He has provided leadership, and continues to do so, to several large research national and international consortia projects on human genetics and genomics. The media has given him the moniker “Gene Guru.”

He is an elected Fellow of all the three science academies in India, of the West Bengal Academy of Science and Technology (WAST), The World Academy of Sciences (TWAS) and the International Statistical Institute. He has served as the President of the Indian Academy of Sciences and of WAST.

He has rendered service to the Office of the Principal Scientific Adviser to the Government of India, Indian National Science Academy, various agencies of the Government of India, particularly Department of Biotechnology, Department of Science & Technology, Indian Council of Medical Research, Indian Council of Agricultural Research and Council of Scientific & Industrial Research and to various Universities and Institutes, as member of Task Forces, Monitoring Committees and Review Boards, Scientific Advisory Committees, and Committees for the promotion of international co-operation in science. He is a member of the Executive Committees of the International Human Cell Atlas Consortium and the International Common Disease Alliance. He is the Indian National Co-ordinator of the International Cancer Genome Consortium. He has provided service to the UNESCO and the WHO.

He has been awarded the G.N. Ramachandran Gold Medal (2021) by the CSIR; Barclay Memorial Medal (2020) by The Asiatic Society; Sir P.C. Ray Memorial Medal (2020) by the University of Calcutta; Golden Jubilee Commemoration Medal (2018) by the Indian National Science Academy; Centenary Medal of Excellence (2014) by the School of Tropical Medicine; Biology Prize (2009) of The World Academy of Sciences, Trieste; G.D. Birla Award for Scientific Research (2002) by the K.K. Birla Foundation, New Delhi and Kolkata; the Om Prakash Bhasin Award in Biotechnology (2001) by the Om Prakash Bhasin Foundation, New Delhi; the Ranbaxy Research Award in Applied

Medical Sciences (2000) by the Ranbaxy Science Foundation, New Delhi; and the New Millennium Science Medal (2000).

He has been listed among the top 2% Scientists of the World in the field of 'Genetics & Heredity', named by Stanford University; published in the journal PLoS Biology for his seminal contributions in the field of Human Population and Disease Genomics for more than 40 years.