

Short Biography of Professor Gaurisankar Sa

Full Name: Prof. Gaurisankar Sa, PhD, FNASc, FNA(Sg), FAScT

Designation: ICMR Emeritus Scientist

Former NASI Platinum Jubilee Senior Professor

Former Chairman, Division of Molecular Medicine

Executive Chairman, Centre for Translational Animal

Research & Controller of Examination

Bose Institute, Kolkata, India



Professor Gaurisankar Sa is a distinguished Indian biologist recognized globally for his contributions to cancer biology and tumor immunology. A Fellow of the National Academy of Sciences, India, the Nanyang Academy of Sciences, Singapore, and the West Bengal Academy of Science and Technology, Prof. Sa has made significant advancements in understanding cancer at the molecular and immunological levels. He earned his Ph.D. in Biochemistry from the University of Calcutta and subsequently held visiting faculty positions at Virginia Tech and The Cleveland Clinic in the United States, where he worked extensively on cell signaling and molecular biology. In 1994, he joined the Bose Institute, where he served as Senior Professor and Chairman of Molecular Medicine, later taking up the role of NASI Platinum Jubilee Senior Professor. He currently serves as an ICMR Emeritus Scientist. Prof. Sa's research focuses on the molecular mechanisms of cancer progression, drug development, with a particular emphasis on gene expression, signal transduction, and immune regulation within the tumor microenvironment. His pioneering work aims to enhance the effectiveness of immunotherapy in therapy-resistant cancers. He is actively involved in academic publishing, serving as Editor-in-Chief of the *International Journal of Immunology*, Section Editor for *Frontiers in Immunology* and *Frontiers in Oncology*, and editorial board member for Scientific Reports, PNAS India, and several other international journals. With over 150 peer-reviewed publications, several national and international awards, and multiple patents, Professor Sa is widely recognized as a leader in his field. His research continues to inspire innovations in cancer therapy and deepen our understanding of the immune system's role in disease.