



Prof. Tushar Kanti Chakraborty, IISc, Bangalore

Radical Approach to Chiral Quaternary Centres: Prospere Fenestra

Prof. Tushar Kanti Chakraborty had his early education in Presidency College, Kolkata where he got his BSc in Chemistry (Honours). He did his MSc in Chemistry at IIT Kanpur and got his Ph.D. from the same institute under the supervision of Prof. S. Chandrasekaran in 1984 and after a brief postdoctoral stint at University of Pennsylvania, Philadelphia, USA in Prof. K. C. Nicolaou's lab, he joined the Indian Institute of Chemical Technology at Hyderabad in 1987 where he worked till December 2008. In December 2008, he took over the Directorship of CSIR-Central Drug Research Institute (CDRI), Lucknow. In 2014, he moved to Indian Institute of Science, Bangalore.

He is the recipient of the Shanti Swarup Bhatnagar Prize in Chemistry in 2002. He is also elected Fellows of the Indian National Science Academy, Indian Academy of Sciences and the National Academy of Sciences, India. He has received the prestigious JC Bose Fellowship from Science and Engineering Research Board, Government of India. Dr. Chakraborty received several other awards, like NASI-Reliance Platinum Jubilee Award in Physical Sciences, CRSI medals, Pt. Jawaharlal Nehru National Award in Science, etc.

He is presently the President of Indian Peptide Society and serves as member of the Editorial Boards / Editorial Advisory Boards of many journals. He visited many countries and delivered invited / plenary / keynote lectures in many national and international symposia and conferences. Dr. Chakraborty specializes in the area of organic synthesis, especially total synthesis of natural products; peptides and designer peptidomimetic molecules for potential therapeutic applications. He has published many papers and guided several students for Ph.D.