



Prof. Arun K. Ghosh, Purdue University, USA

Title: Natural Products and Molecular Design in Today's Medicine

Arun K. Ghosh received his BSc (Hons) in Chemistry (1979) and MSc in Chemistry (1981) from the University of Calcutta and Indian Institute of Technology, Kanpur respectively. He received his PhD in organic chemistry in 1985 at the University of Pittsburgh with Professor Alan P. Kozikowski. He then pursued postdoctoral research with Professor E. J. Corey at Harvard University (1985-1988). He was a research fellow at Merck Research Laboratories, West Point, PA. In 1994, he joined University of Illinois, Chicago as an assistant professor, eventually becoming Professor of chemistry in 1998. In 2005, he moved to Purdue University, with a joint appointment in the Department of Chemistry and the Department of Medicinal Chemistry and Molecular Pharmacology. He became the Ian P. Rothwell Distinguished Professor in 2009. His research interests include diverse areas of organic, bioorganic, and medicinal chemistry with particular emphasis on organic synthesis and protein-structure-based drug design. He received several awards and honors including, Herbert Newby McCoy Research Excellence Award, IUPAC-Richter Prize in Medicinal Chemistry, ACS Medicinal Chemistry Hall of Fame, NIH MERIT Award, ACS Arthur C. Cope Senior Scholar Award, ACS Robert Scarborough Excellence in Medicinal Chemistry Award, Fellow of the American Association for the Advancement of Science and Fellow of the Royal Society of Chemistry.