

**Biosketch:**

Dr. Shukla received his Masters (M.Sc.) in Biotechnology from the Center for Biotechnology at Jawaharlal Nehru University, New Delhi. He then completed his Ph.D. from the Department of Molecular Membrane Biology at the Max Planck Institute of Biophysics in Frankfurt, Germany followed by post-doctoral research in the Department of Medicine at Duke University in North Carolina, USA. Dr. Shukla is currently Joy Gill Chair Professor in the Department of Biological Sciences and Bioengineering at IIT Kanpur. Dr. Shukla's research program is focused on understanding structure, function and regulation of G Protein-Coupled Receptors (GPCRs), the largest family of cell surface receptors in the human genome and the target of about one third of the currently available medicines. The long-term goal of his research program is to understand the structural basis of activation and signaling of selected GPCRs and ultimately, leverage this information to improve therapeutic manipulation in human diseases