# Brief Biodata of Dr Parthasarathi Ramakrishnan

**Dr. Parthasarathi Ramakrishnan** serves as Principal Scientist of CSIR-Indian Institute of Toxicology Research, Lucknow at Computational Toxicology Facility and leading Technology Development & Innovation Centre (TDIC) including the Centre for Innovation and Translational Research (CITAR)-BIRAC-BIONEST-IITR and Environmental Monitoring and Intervention Hub (DSIR-CRTDH-IITR). Dr Partha earned his PhD from CLRI, University of Madras and he served as a scientist with highly reputed institutions like the Lawrence Berkeley National Labs, Los Alamos National Laboratory, and Sandia National Laboratories, USA.

He has more than 22 years of research experience in applied biochemistry to unravel important issues in human health and the environment. He has authored more than 130 research articles in the journals of high repute with 8600 citations, H-Index: 49 and six patents from his research contributions.

Dr. Parthasarathi significantly contributing in the field of computational chemistry by understanding molecular interactions and predictive toxicology of chemicals for risk assessments. His lab is currently involved in the development of AI & Machine Learning based computational toxicity models, biomolecular simulations, databases for risk assessment, and developing innovative predictive approaches relevant to translational research. Dr. Partha has received several awards, including a prestigious Cray's HPC Dr. A.P.J Abdul Kalam Award (2019), Directors Fellowship, Los Alamos National Laboratory (2009), BRSI Prof SB Chincholkar Memorial Award and the Young Associate of Indian Academy of Sciences (2008). He was elected Fellow to the Royal Society of Chemistry (FRSC) in 2020 and Indian Chemical Society in 2019.