

Mukund S. Chorghade, Ph. D., D.Sc.

Foreign Fellow, National Academy of Sciences, India, (Prayagraj)

Fellow, American Chemical Society; Fellow, American Institute of Chemists

Fellow, American Association for the Advancement of Science

Fellow, Royal Society of Chemistry; Fellow, Royal Australian Chemical Institute

Fellow, Indian Society for Chemistry and Biology; Fellow, Indian Chemical Society

Fellow, Sigma Xi. Distinguished Lecturer July 1, 2022 - June 30, 2024

Dr. Mukund Chorghade is a serial entrepreneur and Founder, President, and Chief Scientific Officer, THINQ Pharma and Ayurvediya Healthcare Innovations. He was elected Foreign Fellow National Academy of Sciences, India, in 2023 and was awarded a D.Sc. by the University of Mumbai in 2021. He earned B. Sc. / M. Sc. degrees from the University of Poona, India, and a Ph. D. from Georgetown University. After postdoctoral research at the University of Virginia and Harvard University, he directed research groups at Dow, Abbott, CytoMed and Genzyme. He holds/held Adjunct Research Professor/Visiting Fellow/ Visiting Scientist appointments at Caltech, Harvard, MIT, Northeastern, Northwestern, Princeton, Rutgers, Univ. of Chicago, School of Medicine-University of Illinois Urbana-Champaign (USA), University of British Columbia (Canada), Cambridge, Leeds, Strathclyde, (UK), College de France, Universite' Louis Pasteur (France), Universities of Mumbai, Poona, ICT, CSIR, KHRC, Dr. Reddy's Institute of Life Sciences (India).

He serves as a Chief Scientific Advisor, Late Prin. B.V. Bhide Foundation and is on the Scientific Advisory Board of corporations/foundations such as BVG Life Sciences, Empiriko, HSvj, YewSavin, World Innovation, Health Sciences Collegium. He is a Faculty of Eminence on the International Advisory Board of Studies at Datta Meghe Institute of Higher Education and Research. He officiates for the Molecular Maker Laboratory Institute Education and Workforce Development Advisory Board, University of Illinois, Urbana-Champaign. Elected Fellow of the Maharashtra, Andhra Pradesh, and Telangana Academies of Sciences and a recipient of three Scientist of the Year awards, he is a featured speaker in international symposia, serves on Editorial Advisory Boards of Journals and is active in professional societies.

An American Chemical Society Fellow, he was Section Chair of Brazoria (1990), Northeastern (2007) and Princeton (2019). He participates in ACS' Career Services / Professional Development/Entrepreneurship and Small Chemicals Businesses. He was Secretary, Division of Chemistry Human Health of IUPAC and worked on Commissions on Biotechnology, Medicinal Chemistry, and US National Committee. As Chair, RSC Committee on Process Chemistry and Technology (2018-20) he expanded its geographical and scientific boundaries. An expert in patent litigation and a Certified CGLP / cGMP professional, his synthetic chemistry, process and pharmaceutical development expertise has transformed academic laboratories, pharmaceutical companies, and engineered innovation/ strategic collaborations. His research interests are in Drug Discovery / Development, Process Chemistry Derived Medicinal Chemistry, Traditional Indian Medicine. The "Chorghade-Dolphin" sterically protected and electronically activated metalloporphyrin catalysts ("chemosynthetic livers") find utility in drug metabolism, valorization of biomass and environmental remediation.