

Biography of Prof Vinay Tergaonkar

Vinay Tergaonkar obtained his PhD in 2001 from National Center for Biological Sciences (NCBS) Bangalore, via an international cancer society (UICC) fellowship for collaborative research at Tufts University, Boston, USA. He has been a Fellow (2001-2004) and a Special Fellow (2004-present) of the Leukemia and Lymphoma Society of America and conducted his postdoctoral studies at the Salk Institute for Biological Studies, La Jolla, California. He joined Institute of Molecular and Cell Biology (IMCB), Singapore in late 2005 as Principal Investigator and became a Senior Principal Investigator in 2010 and Research Director in 2015. He also served as Professor of Yong Loo Lin School of Medicine, National University of Singapore (since 2015), and as Distinguished Principal Scientist of A*star, since 2022. He is currently Chair Professor of FHS.

His research interests are in deciphering the role of inflammation in cancer cell signaling, and in understanding the roles of RNAs as structural glues of well-known macromolecular assemblies in mammalian cells. Work from his lab has received international recognition including the British council development award (2014), the Premiers' fellowship from Government of South Australia (2015) and University of Macau Distinguished Professorship (2019 and 2023). His current research aims to create novel methods of targeting TNF (Tumor Necrosis Factor), which is a key driver of virtually all human ailments.

Vinay has been invited to speak at various international venues and meetings such as the Barossa and Hunter valley meetings in Australia, Genes and Cancer meeting in UK, The Argentine Pharmacological society meeting in Buenos Aires, Aichi and Japanese Cancer Society meetings in Japan and the Cold Spring Harbor and Keystone Symposia.

He has served on review panels for funding bodies such as HFSP (International), NHMRC (Australia), Wellcome Trust (UK), Einstein foundation (Germany) and on editorial boards of a number of journals including Science Advances (AAAS), Molecular and Cellular

Biology (American Society for Microbiology), Biochemical Journal (Portland Press) and Cell Insight (Elsevier).