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Dr.V.Umashankar completed his PhD. from School of Genomics, Dept. of Zoology, Loyola College, University of Madras, Chennai in 2008; M.Phil Genetics from Dr.ALMPGIBMS, University of Madras in 2000. He did his PG Diploma in Bioinformatics from University of Mysore in 2003; S-Star Certification in Bioinformatics by National University of Singapore in 2004. He has 15 years of experience in Research & mentoring in Bioinformatics. He is currently HOD & Principal Scientist, Centre for Bioinformatics, Vision Research Foundation, a unit of SankaraNethralaya since Jan 2010. He was formerly, HOD, Department of Bioinformatics, School of Biosciences, SRM University. He also formerly held positions as Academic Head, Research consultant, Senior Research Analyst in leading Research and Academic Organizations. He has been appointed as member “Board of Studies in Bioinformatics” by University of Madras since 2007. He is also an examiner and advisor for PhD, B.Tech, M.Tech, M.Sc courses offered by leading universities in India.

He is a recipient of RGYI (Rapid Grant for Young Investigators) grant awarded by DBT and Early Career Research Award from SERB-DST and also serving as Investigator in many of the funded grants from ICMR, DST and DBT.

Areas of Interest: Drug Target Identification, Next Generation Sequencing Data Analysis Bioinformatics tool & Database development, Structural Bioinformatics, Cheminformatics, Systems Biology and Biomarker Discovery, Genome assembly & Annotation.

He has published 60 Research papers in peer reviewed International and national journals and has also written three chapters on Molecular modeling, Cheminformatics and Computational Epigenomics for a book published by John Wiley & Sons (click the underlined links for publications in indexed in [Pubmed](#) and [Google Scholar](#)). He is also a reviewer for many of the leading peer reviewed journals like PLOS, Bioinformatics (OUP), and RSC Advances etc. He has delivered many lectures at various National and International conferences as an invited speaker.

He is the author of Bioinformatics tools & Databases namely, ACUA, OpenDiscovery, Nitrosoft, Readmol and Indian Plant Anticancer Compound Database (InpacDB), respectively. Many of these tools are used by scientists worldwide and are cited in peer-reviewed journals. Currently involved in the development of NGS and Drug discovery computational pipelines. 'Theoretical model of human ghrelin precursor' (PDB ID: 1p7x) predicted by him is printed and cited on the coverpage of 77th volume of the prestigious book 'Vitamins and Hormones' first published in 1943, and is the longest-running serial book published by Elsevier Academic/Press.

Membership of professional bodies in Indian Bioinformatics Society, Society of Toxicology. He has organized many National Level Conferences and Workshops on

Bioinformatics funded by Government bodies. He was awarded with best faculty award in view of his teaching and research by Vels Academy.