



Gopalakrishnakone, P.

MB, BS, PhD, DSc, FAMS

P. Gopalakrishnakone is presently Emeritus Professor in the Anatomy Department and Chairman of the Venom and Toxin Research Programme at the National University of Singapore. He is also a consultant to the Defence Science Organization in Singapore and Adjunct Senior Research Scientist at the Defence Medical Research Institute. He is an Honorary Principal Fellow at the Australian Venom Research Unit.

Professor Gopal's research studies includes structure function studies (toxin detection, biosensors, antitoxins and neutralization factors), toxicogenomics and expression studies, antimicrobial peptides from venoms and toxins and PLA2 inhibitors as potential drug candidate for inflammatory diseases. The techniques he employs include quantum dots to toxinology, computational biology, microarrays and protein chips. He has patented analgesic peptide, anti inflammatory peptide as well as anti rheumatoid arthritis peptides. He is exploring various possibilities of delivery systems for these peptides to target sites and administration of these peptides orally, transdermally, ocular and injections.

His research awards include the Outstanding University Researcher Award from the National University of Singapore (1998); Ministerial Citation, NSTB(National Science and Technology Board, present A* STAR) Year 2000 Award in Singapore; and the Research Excellence Award from the Faculty of Medicine, National University of Singapore (2003). His awards in teaching include, Faculty Teaching Excellence Award 2003/4 & NUS Annual Teaching Excellence Award 2003/4. He also received the Faculty Teaching Excellence Award in 2009/10 and the Annual Teaching Excellence Award at University level, NUS for 2009/10.

He holds adjunct appointments at Interactive Digital Media Institute (IDMI), Defence Science Organization (DSO) and Defence Medical and Environmental Research Institute(DMERI)

He was the President of International Society on Toxinology till 2012. He shares his expertise in “Natural toxins” with many national, regional and international organizations. He assumed the Professor of Anatomy at SIT in May 2016 in the Health and Social science cluster