

Biosketch of Prof. K. S. Rangappa



Prof. Rangappa has made novel and significant contributions to Chemical Biology-Drug discovery programme, Bio-organic and Medicinal Chemistry. His research is characterized by both novelty and innovation, and has led to a substantial body of published work which has received extensive citations, national and international recognition with several awards. His most important contributions have been towards the synthesis of new molecules for various therapeutic areas including antimicrobial, anti-inflammatory, anti-malarial, anticancer, antiangiogenic, antidiabetic, Alzheimer's, etc. He has also worked extensively on p300 HAT activators, acetylcholine inhibitors and M1 receptor agonists. Over 4000 new bioactive molecules have been synthesized from his laboratory which were tested for their Antimicrobial, Anti-inflammatory (PLA2 Inhibitors), Anti-Malarial, Anticancer (Cervical, Breast, Liver and Mouth Cancer), Alzheimer's disease and Diabetes.

Prof. Rangappa received his PhD from the University of Mysore (1982) and has worked as Post-doctoral / Research Associate / Visiting Professor at several Universities in Canada (1983 – 85), USA (1990 – 92), Germany (1995), Japan (1999 – 2000, May – July 2005), Korea (2002, 2014), Poland (April – May 2006), Russia (July 2013), Cambridge University, UK (Oct 2013) etc.

He has been awarded the D.Sc degree by the University of Mysore for his independent research contribution (1998). He is the Fellow of The Royal Society of Chemistry (FRSC, UK) and Fellow of National Academy of Sciences (FNASc) India. Apart from the research activities of his own group, Prof. Rangappa has developed several national and international (Indo – Japan, Indo – French, Indo – Germany, Indo-NUS, Indo-UK, Indo-US, Indo-Korea, Indo-South Africa, Indo-Russia etc.) collaborative research programmes with more than 300 scientists working across the globe. Prof. Rangappa has established a school of researchers, to undertake further studies. Prof. K. S. Rangappa has published more than 450 research papers in national and international peer reviewed journals and presented more than 150 research papers in national and international conferences. He has 10 patents in the area of medicinal chemistry. He has over 4975 scientific citations for his research contributions as of now with h-index 35. Prof. Rangappa has successfully guided 54 candidates for PhD degrees and presently 10 students are working for the doctoral research.

Prof. Rangappa is a recipient of several prestigious national and international awards including Prof. Y. T. Thathachari prestigious research award for Science (2007), Sir C. V. Raman Young Scientist Award (2006) from Karnataka State Council for Science and Technology, Chemical Research Society of India (CRSI) Bronze Medal (2006) in Chemical Sciences by Chemical Research Society of India, Prestigious Dr. Raja Ramanna Award from Karnataka State Council for Science and Technology (2011), Global e-learning award (2012) and Kempegowda International award (2017) for the outstanding contribution in the field of education. He served as a Vice-Chancellor, Karnataka State Open University from 2009 to 2013 and Vice Chancellor, University of Mysore, Mysore and brought the global recognition to both the universities.

Currently, Prof. Rangappa is a UGC-BSR Faculty Fellow; Distinguished Professor of the University of Mysore; Chief Scientific Adviser, Sinotar Pharmaceutical Co., Ltd.