



Dr. Raju Padiya, M.Sc., Ph.D.

Dr. Raju Padiya is currently working as an Assistant Professor in the Department of Biochemistry, Osmania University. He has obtained Master's degree in Biochemistry from the Osmania University and doctoral degree in Biological Sciences Under AcSIR (Academy of Scientific and Innovative Research) working at CSIR-Indian Institute of Chemical Technology, Hyderabad. He has experience in interdisciplinary areas like Chemical Biology, Pharmacology, and Drug Chemistry. He has been an active researcher for the past 12 years. His research contributions in the area of Diabetes and Diabetic cardiomyopathy. His research articles published in reputed High Impact international journals with H-index of 11. He has more than 15 research publications, 7 preceding conferences and over 860 citation (Google scholar) with cumulative Impact factor of 46.5. He is the recognised supervisor in Biochemistry and Nutrition. Presently guiding to 4 research scholars for doctoral degree. His research focus is on the elucidation of molecular mechanisms in diabetes, diabetic cardiomyopathy and cardiovascular diseases. He is working to establish models of both type 1 and type 2 diabetes, studying signalling pathways in different organs, therapeutic intervention together with working to standardize methods for pharmacokinetic, pharmacodynamics study and applied molecular nutrition. He had hands on experience with animal models like rats and mice.