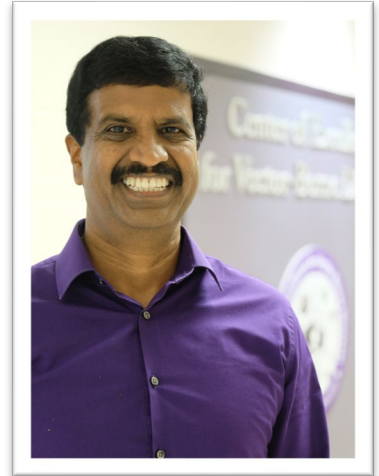


Roman Reddy Ganta, PhD

Roman Ganta, MSc, PhD, Professor and Director, Center of Excellence for Vector-Borne Diseases, Department of Diagnostic Medicine/Pathobiology, College of Veterinary Medicine, Kansas State University



Dr. Ganta has over three decades of research experience focused on important human and animal vector-borne diseases. He has an internationally well-recognized research program focused on emerging tick-borne infectious diseases of global animal health and public health importance. His major research focus has remained primarily on tick-borne rickettsial diseases caused by *Ehrlichia* species (*E. chaffeensis*, *E. ruminantium*, and *E. canis*), *Anaplasma* species (*A. marginale*, *A. phagocytophilum* and *A. platys*) and *Rickettsia rickettsii*. Dr. Ganta generated about \$20 million of research support from various competitive funding agencies since 1998 at KSU with the lion's share of support coming from the NIH. He currently has three active NIH R01 grants to investigate pathogenesis and vaccine development of various tick-borne rickettsial diseases. He is the founder of the Center of Excellence for Vector-Borne diseases (CEVBD) at College of Veterinary Medicine, KSU and has been serving as the founding director for it since its establishment in 2015. His studies involve assessing pathogen molecular structure, host response assessment, the effect of vector and host cell environments on pathogen gene expression changes. He continues to investigate rickettsial pathogenesis, mutagenesis, gene regulation and developing molecular diagnostic tests and vaccines.

Dr. Ganta authored nearly 100 peer-reviewed scientific publications, 12 book chapters and gave over 100 invited talks at various academic institutions and scientific meeting. He is also the recipient of several patents. He serves on various prestigious scientific peer-review panels in the USA and abroad and served on the executive councils of two scientific societies, including the CRWAD. He is on the editorial boards of several peer-review scientific journals.

2021 CRWAD Fellows Inductee

