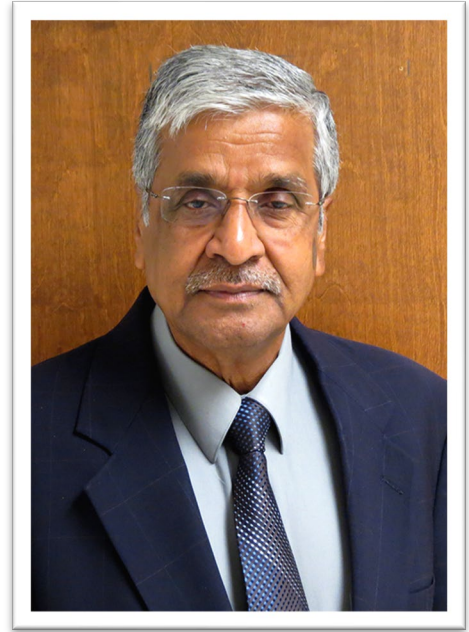


T.G. Nagaraja, BVSc, MVSc, PhD

T. G. Nagaraja is a University Distinguished Professor of Microbiology in the Department of Diagnostic Medicine/Pathobiology in the College of Veterinary Medicine at Kansas State University. His research expertise is in gut microbiology of cattle and swine. His research has focused primarily on role of ruminal microbes in function and dysfunction of the rumen of beef cattle, and on food borne pathogens, particularly Shiga toxin-producing *Escherichia coli* and *Salmonella* in cattle and swine.



His teaching responsibilities include Veterinary Bacteriology and Mycology course for the DVM students, Ruminant Digestive Physiology for the DVM students, two graduate courses on the rumen, Rumen Metabolism and Rumen Microbiology. Nagaraja's research is a blend of basic and applied studies and involves collaborative interactions with epidemiologists, molecular biologists, pathologists, and ruminant nutritionists. He and his associates have conducted research in the following areas: Use of ionophore antibiotics in cattle, Causes, pathogenesis and vaccine development for liver abscesses in feedlot cattle; causes and preventions of ruminal disorders, such as acidosis and bloat; Ecology of Shiga toxin-producing *E. coli* and *Salmonella* in cattle; Antimicrobial resistance and Antimicrobial alternatives in cattle and swine implications.

He has mentored 21 PhD, 21 MS, and 4 MPH students and several post docs and visiting scientists. His research has resulted in nine US patents. Nagaraja and his associates have published several book chapters (22), review papers (15), and symposia proceedings (5) and 230 peer-reviewed journal papers.

2021 CRWAD Fellows Inductee

