

Dr. S. Ansar Ahmed

Dr. S. Ansar Ahmed is a professor of immunology in the Department of Biomedical Sciences & Pathobiology at the Virginia-Maryland College of Veterinary Medicine at Virginia Tech. He is also the director for the Center for Molecular Medicine and Infectious Disease, and currently is the interim department head of Department of Biomedical Sciences and Pathobiology. He holds a B.V.SC (DVM) from the University of Agricultural Sciences in Bangalore and a Ph.D. from the School of Veterinary Studies, The Murdoch University, Australia. He did his advanced research training at the University of Texas Health Science Center at San Antonio. He has been with Virginia Tech since the 1989/90 academic year. His research interest includes molecular aspects of pro-inflammatory cytokine signaling (e.g. interferon-gamma, IL-27, IL-12, IL-17), induction of transcription factors, and induction of pro-inflammatory mediators. Specifically, he is interested in understanding the hormonal basis of gender differences in immunity and susceptibility to autoimmune diseases. The molecular immunological effects of estrogen and estrogen-mimics are an important focus of his laboratory. Currently, he is exploring the role of microRNA in immunity in a variety of mouse models. Ahmed is a member of the American Association of Immunologists, the International Cytokine Society and NIH Grant Review Panels.