

SEMINAR SERIES

PROF. ELANKUMARAN SUBBIAH



**“DEATH BY DESIGN: INFLUENZA
VIRUS PB1-F2 PROTEIN”**

TUESDAY, 20TH AUGUST, 2013

11:30 AM - 12:30 PM

**VENUE: AUDITORIUM,
C.R.RAO INSTITUTE, UNIVERSITY OF HYDERABAD**

ALL ARE CORDIALLY INVITED

Prof. Elankumaran Subbiah MVSc PhD, Diplomate, American College of Veterinary Microbiologists

Prof. Elankumaran Subbiah is a veterinarian by profession. He obtained his MVSc and PhD in Veterinary Microbiology from Madras Veterinary College and was Assistant Professor at the Central University Laboratory, Center for Animal Health Studies, Tamil Nadu Veterinary and Animal Sciences University before he moved to USA in 1999. He joined as Faculty Research Associate at the Virginia-Maryland Regional College of Veterinary Medicine (VMRCVM), University of Maryland, College Park campus. In 2003 he became diplomate of the American College of Veterinary Microbiologists. He is currently Associate Professor of Virology at the Department of Biomedical Sciences and Pathobiology, Center for Molecular Medicine and Infectious Disease, VMRCVM at Virginia Tech, Blacksburg, VA.

His current research focus is to develop recombinant Newcastle disease virus (NDV) as an oncolytic agent, to understand the molecular basis of interspecies transmission of influenza A viruses especially swine influenza virus and to design viral vectored vaccines for emerging viral diseases. He received a \$113,000 concept award from the U.S. Department of Defense to develop his prostate cancer treatment under a Congressionally-directed medical research program. He has also received a National Institutes of Health exploratory grant to develop the cell type-specific Newcastle disease virus for several other types of cancer cells, including breast, pancreas, brain, prostate, and multiple myeloma. Prof. Elankumaran Subbiah hopes that the development of new treatment methodologies will not only better fight prostate cancer, but also lessen the side effects commonly associated with hormone treatments and chemotherapy. In addition to research and teaching he also coordinates an international student exchange program through which VMRCVM veterinary students visit India every summer for study abroad program.

Director, NIAB