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## Opendra Narayan Receives Pioneer in NeuroVirology Award for 2006

Peter G. E. Kennedy, M.D., Ph.D. • Glasgow, UK



The International Society for NeuroVirology has honored Dr. Opendra "Bill" Narayan with the Pioneer in NeuroVirology Award for 2006 for his many outstanding contributions in the field that has spanned a career of almost four decades. Dr. Narayan is the sixth scientist working in the area of neurovirology to receive this award and is preceded by a now growing list of distinguished recipients.

Dr. Narayan received his D.V.M. from the University of Toronto, Ontario, Canada in 1963, and his M.S.C. in 1967 and Ph.D. in 1970 both from the University of Guelph, Ontario, Canada. He received postdoctoral training in 1972 at Johns

Hopkins University in the laboratory of the First Pioneer in NeuroVirology, Dr. Richard T. Johnson. From 1972 through 1993, he rose through the ranks at Johns Hopkins to Professor and Director of the Division of Comparative Medicine and Retrovirus Biology Laboratories. Since 1993, Dr. Narayan has served as Chair of the Department of Microbiology, Molecular Genetics, and Immunology at the University of Kansas Medical Center, Kansas City, KS, USA. He also serves as the Marion Merrell Dow Foundation Distinguished Professor and Director of the Marion Merrell Dow Laboratory of Viral Pathogenesis at the University of Kansas Medical Center.

Dr. Narayan has nearly 40 years of experience studying the pathogenesis of viral infections in animals, beginning with the first isolation of the highly pathogenic H5N1 strain of avian influenza virus in North America (Ontario, Canada, 1966). Dr. Narayan has led a distinguished research career focusing on the molecular pathogenesis of lentiviruses. These include Visna and Caprine Encephalitis-Arthritis virus infections in sheep and goats, SIV and SHIV infections in macaques, and studies on HIV-1-infected tissues. He has been continuously funded via R01 and P01 grants from the NIH for the past 30 years for pursuing these studies. These critical studies have provided many of the foundational concepts that are currently being utilized to explore the pathogenesis of the human immunodeficiency virus and its effects on the immune and nervous systems. More recently, Dr. Narayan has focused major efforts on the development of a vaccine against HIV-1 using the simian/human immunodeficiency virus (SHIV) macaque model of AIDS.

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In his role as the director of the MMD Laboratory of Viral Pathogenesis in the School of Medicine, he leads a multidisciplinary team of investigators with extensive experience in molecular biology, molecular virology, clinical virology, tissue culture operations, immunology, flow-cytometry, and immunohistochemical studies. His research program compares the efficacies of live and DNA-based vaccines aimed at prophylactic and therapeutic immunization of animals against disease. Studies from his laboratory have yielded more than 200 peer-reviewed publications, as well as national and international recognition. In addition to directing operations in the MMD Laboratory and the Department of Microbiology, Molecular Genetics, and Immunology in the School of Medicine, he serves as Director of the COBRE program in the medical school. During his distinguished career, he has trained countless numbers of graduate students, postdoctoral fellows, clinical fellows, and junior faculty who have also gone on to distinguished careers in neurovirology and related disciplines. In addition, Dr. Narayan has used his research program for the training and development of over 50 junior faculty during the last 25 years. His training philosophy has been to capitalize on the expertise of incoming individuals and re-focus this expertise on solving existing research problems or adding new dimensions to the existing program. This has provided an extremely rich environment in which to develop basic researchers and clinician scientists.

Truly, Dr. Narayan has been a leader in neurovirology. The ISNV Board of Directors is pleased to recognize his past and continuing contributions to the field.



Awardee to be announced at the 8th International Symposium on NeuroVirology to be held in San Diego, CA, USA, Fall 2007.

Nominations should be forwarded to: Peter G. E. Kennedy, M.D., Ph.D. President, International Society for NeuroVirology University of Glasgow Institute of Neurological Science Southern General Hospital Glasgow, Scotland G51 4TF, UNITED KINGDOM

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