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### Recent Awardees

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2010 Stephen P. Goff, Ph.D. Higgins Professor of Biochemistry and Molecular Biophysics and Microbiology, Investigator, Howard Hughes Medical Institute, Columbia University College of Physicians and Surgeons

2009 Irvin S. Y. Chen, Ph. D. Director of the UCLA AIDS Institute and Professor of Microbiology & Immunology and Medicine at the UCL School of Medicine.

2008 Susan R. Ross, Ph.D. Measey Professor, Department of Microbiology and Associate Dean and Director of Biomedical Graduate Studies, University of Pennsylvania School of Medicine

2007 Kuan-Teh Jeang M.D., Ph.D. Head, Molecular Virology Section, Laboratory of Molecular Microbiology, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, Maryland

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# Distinguished Research Career Award

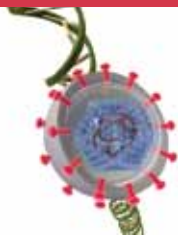
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Center for Retrovirus Research and Department of Veterinary Biosciences  
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NCI Comprehensive Cancer Center Viral Oncology Program  
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Public Health Preparedness for Infectious Diseases Program



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## The Center is honored to present the Distinguished Research Career Award to Warner C. Greene, M.D. Ph.D.

### For seminal contributions to the molecular biology and pathogenesis of HIV and HTLV.

Dr. Warner C. Greene is the director of the Gladstone Institute of Virology and Immunology (GIVI) in San Francisco, a premier research center dedicated to fundamental studies of modern virology and immunology with a focus on HIV and AIDS. Dr. Greene's basic and translation studies of HIV and HTLV have fundamentally contributed to our understanding of human retroviruses and viral pathogenesis. His current research focuses on the pathogenic interplay between human retroviruses and immune cells to define the mechanisms underlying viral replication and transmission. Dr. Greene's laboratory also pursues basic studies on important transcription factors to better understand their roles in HIV latency.

Dr. Greene received his BA degree with great distinction from Stanford University and his MD and PhD degrees with honors from Washington University School of Medicine. He then completed his residency training in Internal Medicine at the Massachusetts General Hospital at Harvard University. From 1979-1986, he served as a senior investigator at the National Cancer Institute, where he established his research laboratory. In 1987, he became professor of medicine at Duke University and an Investigator in the Howard Hughes Medical Institute. In 1992, Dr. Greene became the founding director and a senior investigator of the GIVI and was also appointed a professor of medicine, microbiology, and immunology at the University of California, San Francisco (UCSF).

Dr. Greene is the author of more than 350 scientific papers and has been recognized as one of the 100 Most Cited Scientists in the world. He has been invited for many distinguished lectures worldwide. Dr. Greene is a member of the Institute of Medicine of the National Academies, a fellow of the American Academy for the Advancement of Science, and President-Elect of the American Association of Physicians. He also serves as co-director of the UCSF-GIVI Center for AIDS Research. Dr. Greene has mentored more than 120 students and fellows during his over 30 year career in science. Many of his trainees have become independent researchers.

In addition to his distinguished research contributions, Dr. Greene also dedicates his time and effort to community service to enhance public health. Since 2007, he has served as President of the Accordia Global Health Foundation, whose mission is to overcome the burden of infectious diseases in Africa by creating innovative health models, building centers of excellence, and strengthening medical institutions.



## Warner C. Greene, M.D. Ph.D.

Director, Gladstone Institute of Virology and Immunology  
 Nick and Sue Hellmann Distinguished Professor of  
 Translational Medicine  
 Professor of Medicine, Microbiology and Immunology  
 Co-Director, UCSF-GIVI Center for AIDS Research  
 University of California, San Francisco  
 President, Accordia Global Health Foundation

### Distinguished Seminar -

## Murder on the HIV Express: New Insights into How CD4 T Cells Die

### Selected Publications by Dr. Warner Greene

Roan NR, Müller JA, Liu H, Chu S, Arnold F, Stürzel C, Walther P, Dong M, Witkowska E, Kirchoff F, Münch F, Greene WC. Peptides released by physiological cleavage of semen coagulum proteins form amyloids that enhance HIV infection. *Cell Host Microbe* 10:541–550, 2011.

Doitsh G, Cavrois M, Lassen KG, Zepeda O, Yang Z, Santiago ML, Hebbler AM, Greene WC. Abortive HIV infection mediates CD4 T-cell depletion and inflammation in human lymphoid tissue. *Cell* 143:789–801, 2010.

Santiago ML, Montano M, Benitez R, Messer RJ, Yonemoto W, Chesebro B, Hasenkrug KJ, Greene WC. APOBEC3 encodes Rfv3, a gene influencing neutralizing antibody control of retrovirus infection. *Science* 321:1343–1346, 2008.

de Noronha CMC, Sherman MP, Lin HW, Cavrois M, Moir RD, Goldman RD, Greene WC. Dynamic disruptions in nuclear envelope architecture and integrity induced by HIV-1 Vpr. *Science* 294:1105–1108, 2001.

Geleziunas R, Xu W, Takeda K, Ichijo H, Greene WC. HIV-1 Nef inhibits ASK1-dependent death signalling providing a potential mechanism for protecting the infected host cell. *Nature* 410:834–838, 2001.

Powell DM, Amaral MC, Wu JY, Maniatis T, Greene WC. HIV Rev-dependent binding of SF2/ASF to the Rev/response element: Possible role in Rev-mediated inhibition of HIV RNA splicing. *Proc. Natl. Acad. Sci. USA* 94:973–978, 1997.

Smith MR, Greene WC. Identification of HTLV-I tax trans-activator mutants exhibiting novel transcriptional phenotypes. *Genes Dev.* 4:1875–1885, 1990.

Rimsky L, Dodon MD, Dixon EP, Greene WC. Trans-dominant inactivation of HTLV-1 and HIV-1 gene expression by mutation of the HTLV-1 Rex transactivator. *Nature* 341:453–456, 1989.

Ballard DW, Böhnlein E, Lowenthal JW, Wano Y, Franza BR, Greene WC. HTLV-I Tax induces cellular proteins that activate the kappa B element in the IL-2 receptor alpha gene. *Science* 241:1652–1655, 1988.

Krönke M, Leonard WJ, Depper JM, Greene WC. Deregulation of interleukin-2 receptor gene expression in HTLV-1 induced adult T cell leukemia. *Science* 228:1215–1217, 1985.