Stanford



Dora Ho

Clinical Professor, Medicine - Infectious Diseases

NIH Biosketch available Online

CLINICAL OFFICE (PRIMARY)

- **Infectious Disease Clinic**

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Bio

BIO

Dr. Dora Ho specializes in infection complications in immunocompromised patients, such as those with bone marrow transplant, solid organ transplant, cancers and other forms of immunodeficiency.

Dr. Ho did her PhD work in herpesvirus pathogenesis and postdoctoral research in CNS gene therapy with viral vectors at Stanford University. She further pursued training in Medicine and obtained her MD degree at Washington University, St Louis. She subsequently returned to the Bay Area and completed residency training at Santa Clara Valley Medical Center as well as fellowship training in Infectious Diseases at Stanford University School of Medicine. She joined the faculty of the Division of Infectious Diseases at Stanford in 2006 and is currently a Clinical Professor of the ID Division. Since then, she has won a number of awards for her excellence in teaching and in patient care.

Besides her passion for patient care and clinical research, she is also a musician and has served as choir conductor, pianist and pipe organist in local churches.

CLINICAL FOCUS

- Infectious Disease
- Infectious Diseases
- Immunocompromised Host

ACADEMIC APPOINTMENTS

- Clinical Professor, Medicine - Infectious Diseases

ADMINISTRATIVE APPOINTMENTS

- Clinical Chief, Div of Infectious Diseases, (2010- present)
- Chair, Antibiotic Subcommittee, (2009- present)

HONORS AND AWARDS

- The Alwin C. Rambar-James B.D. Mark Award for Excellence in Patient Care, Stanford University School of Medicine (2016)
- Infectious Disease Division Teaching Award, Stanford University School of Medicine (2014)
- Infectious Diseases Division Teaching Award, Stanford University School of Medicine (2011)
- Dr. Lee B. & Virginia G. Harrison Scholarship for internal medicine, Washington University School of Medicine (1999 & 2000)
- Morris Alex, M.D. Prize for clinical medicine, Washington University School of Medicine (1999)
- Postdoctoral Fellowship, Huntington's Disease Society of America (1991-1993)

PROFESSIONAL EDUCATION

- Medical Education: Washington University in St Louis School of Medicine (2001) MO
- Board Certification: Infectious Disease, American Board of Internal Medicine (2020)
- Residency: Santa Clara Valley Medical Center (2003) CA
- Board Certification, American Board of Internal Medicine , Infectious Diseases (2015)
- Fellowship: Stanford University Medical Center (2005) CA
- MD, Washington University, St. Louis (2001)
- PhD, Stanford University , Herpesvirology (1990)
- BA, UC San Diego , Microbiology (1984)

PATENTS

- Dora Ho, Edward Mocarski, Robert Sapolsky. "United States Patent 5661033 Gene transfer using herpes virus vectors as a tool of neuroprotection", Leland Stanford Junior University, Aug 8, 1994

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Ho did her PhD work in HSV pathogenesis and postdoctoral research in CNS gene therapy with viral vectors. She is currently the clinical chief of the Division of Infectious Diseases and Geographic Medicine. She specializes in infection complications of immunocompromised patients, such as those with cancers, solid organ transplant or bone marrow transplant.

CLINICAL TRIALS

- Cytomegalovirus (CMV) Vaccine in Orthotopic Liver Transplant Candidates, Recruiting
- Presatovir in Hematopoietic Cell Transplant Recipients With Respiratory Syncytial Virus (RSV) Infection of the Lower Respiratory Tract, Not Recruiting
- Presatovir in Hematopoietic Cell Transplant Recipients With Respiratory Syncytial Virus Infection of the Upper Respiratory Tract, Not Recruiting

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Infectious Diseases (Fellowship Program)

Publications

PUBLICATIONS

- **The Evolving Landscape of Viral Infections in Immunocompromised Hosts.** *Viruses*
  Tayyar, R., Ho, D. Y.
  2025; 17 (6)

- **Treating Adenovirus Infection in Transplant Populations: Therapeutic Options Beyond Cidofovir?** *Viruses*
  Narsana, N., Ha, D., Ho, D. Y.
  2025; 17 (5)
- **Concordance of non-invasive plasma cell-free DNA with invasive diagnostics for diagnosis of invasive fungal disease.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
  Lieu, A., Zimmet, A. N., Pozdol, J., Kushner, L. E., Ho, D., Banaei, N.
  2025
- **Prevention and Treatment of Cancer-Related Infections, Version 3.2024** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
  Baden, L., Swaminathan, S., Almyroudis, N. G., Angarone, M., Baluch, A., Barros, N., Buss, B., Cohen, S., Cooper, B., Chiang, A., El Boghdadly, Z., Gregg, K., Hakim, et al
  2024; 22 (9): 617-644
- **Managing infectious challenges in the age of molecular-targeted therapies for adult hematological malignancies.** *Transplant infectious disease : an official journal of the Transplantation Society*
  Shah, M., El Chaer, F., Ho, D. Y., El Boghdadly, Z.
  2024: e14283
- **Dynamics and prognostic value of plasma cell-free DNA PCR in patients with invasive aspergillosis and mucormycosis.** *Journal of clinical microbiology*
  Moreno, A., Mah, J., Budvytiene, I., Ho, D. Y., Schwenk, H. T., Banaei, N.
  2024: e0039424
- **Neuroinvasive Francisella tularensis Infection: Report of 2 Cases and Review of the Literature.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
  Cash-Goldwasser, S., Beeson, A., Marzec, N., Ho, D. Y., Hogan, C. A., Budvytiene, I., Banaei, N., Born, D. E., Gephart, M. H., Patel, J., Dietrich, E. A., Nelson, C. A.
  2024; 78 (Supplement_1): S55-S63
- **Case Report: Relapsing Leptospirosis in an Immunocompromised Host.** *The American journal of tropical medicine and hygiene*
  Prasad, R., Narsana, N. K., Ajayi, A. A., Wang, H., Patel, J., Ho, D. Y., Banaei, N., Blackburn, B. G.
  2023
- **Case Commentary: "Salvage Treatment of Refractory HSV Oral Lesions with Pritelivir in Allogeneic Hematopoietic Cell Transplant Recipients" by Bosetti et al.** *Antimicrobial agents and chemotherapy*
  Srinivasan, K., Ho, D. Y.
  2023: e0027623
- **Erythema Gyratum Repens Secondary to Pulmonary Tuberculosis.** *Annals of internal medicine*
  Contag, C. A., Maloney, N., Tayyar, R., Aleshin, M. A., Novoa, R. A., Ho, D. Y.
  2023
- **Herpes Simplex Virus and Varicella Zoster Virus Infections in Cancer Patients.** *Viruses*
  Tayyar, R., Ho, D.
  2023; 15 (2)
- **Human cytomegalovirus: a survey of end-organ diseases and diagnostic challenges in solid organ transplant recipients.** *Current opinion in organ transplantation*
  Contreras, G., Ho, D.
  2022; 27 (4): 243-249
- **Answer to April 2022 Photo Quiz.** *Journal of clinical microbiology*
  Wang, H., Zhang, J., Kao, C., Budvytiene, I., Ho, D. Y., Mathison, B., Hogan, C. A.
  2022; 60 (4): e0124721
- **Photo Quiz: A 25-Year-Old Man with Hematuria and a Bladder Nodule.** *Journal of clinical microbiology*
  Wang, H., Zhang, J., Kao, C., Budvytiene, I., Ho, D. Y., Mathison, B., Hogan, C. A.
  2022; 60 (4): e0124621

- **Epidemiology of invasive fungal diseases in adults with newly diagnosed acute myeloid leukemia.** *Leukemia & lymphoma*
  Miranti, E., Ho, D. Y., Enriquez, K., Subramanian, A. K., Medeiros, B. C., Epstein, D. J.
  2022: 1-7

- **Skull base osteomyelitis in patients with head and neck cancer: Diagnosis, management, and outcomes in a case series of 23 patients.** *Laryngoscope investigative otolaryngology*
  Czech, M. M., Hwang, P. H., Colevas, A. D., Fischbein, N., Ho, D. Y.
  2022; 7 (1): 47-59

- **Invasive mold infection of the gastrointestinal tract - A case series of 22 immunocompromised patients from a single academic center.** *Medical mycology*
  Quintero, O., Allard, L., Ho, D.
  1800

- **Skull base osteomyelitis in patients with head and neck cancer: Diagnosis, management, and outcomes in a case series of 23 patients** *LARYNGOSCOPE INVESTIGATIVE OTOLARYNGOLOGY*
  Czech, M. M., Hwang, P. H., Colevas, A., Fischbein, N., Ho, D. Y.
  2022

- **Hemophagocytic lymphohistiocytosis secondary to progressive disseminated histoplasmosis presenting as cellulitis.** *Medical mycology case reports*
  Puing, A. G., Raghavan, S. S., Aleshin, M. A., Ho, D. Y.
  2021; 33: 18-20

- **Cutaneous cytomegalovirus - A case of disseminated cytomegalovirus presenting with extensive ulcerative skin lesions in a renal transplant recipient.** *Transplant infectious disease : an official journal of the Transplantation Society*
  Ferguson, J., Mooney, K., Saleem, A., Stevens, B. A., Pinsky, B. A., Centkowski, S., Zaba, L. C., Ho, D. Y.
  2021

- **Clinical Accuracy and Impact of Plasma Cell-Free DNA Fungal PCR Panel for Non-Invasive Diagnosis of Fungal Infection.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
  Senchyna, F. n., Hogan, C. A., Murugesan, K. n., Moreno, A. n., Ho, D. Y., Subramanian, A. n., Schwenk, H. T., Budvytiene, I. n., Costa, H. A., Gombar, S. n., Banaei, N. n.
  2021

- **Epstein-Barr virus-positive lymphoproliferative disorder manifesting as pulmonary disease in a patient with acute myeloid leukemia: a case report.** *Journal of medical case reports*
  Dutta, R. n., Miao, S. Y., Phan, P. n., Fernandez-Pol, S. n., Shiraz, P. n., Ho, D. n., Mannis, G. N., Zhang, T. Y.
  2021; 15 (1): 170

- **Opportunistic Invasive Fungal Infections Mimicking Progression of Non-Small-Cell Lung Cancer.** *Clinical lung cancer*
  Park, M., Ho, D. Y., Wakelee, H. A., Neal, J. W.
  2020

- **Atypical Blastomycosis Masquerading as Lofgren Syndrome.** *American journal of respiratory and critical care medicine*
  Shaller, B. D., Chen, S. B., Ho, D. Y., Yu, D. H.
  2020

- **Influence of Immunosuppression on Seroconversion Against SARS-Cov-2 in Two Kidney Transplant Recipients.** *Transplant infectious disease : an official journal of the Transplantation Society*
  Wang, A. X., Quintero Cardona, O. n., Ho, D. Y., Busque, S. n., Lenihan, C. R.
  2020: e13423

- **Herpesvirus Infections Potentiated by Biologics.** *Infectious disease clinics of North America*
  Ho, D. Y., Enriquez, K. n., Multani, A. n.
  2020; 34 (2): 311–39

- **JC Polyomavirus Infection Potentiated by Biologics.** *Infectious disease clinics of North America*
  Multani, A. n., Ho, D. Y.
  2020; 34 (2): 359–88

- **Infections Related to Biologics.** *Infectious disease clinics of North America*
  Ho, D. Y., Subramanian, A. K.
  2020; 34 (2): xiii-xvi

- **Simultaneous Coccidioidomycosis and Phaeohyphomycosis in a Kidney Transplant Recipient: A Case Report and Literature Review.** *Transplant infectious disease : an official journal of the Transplantation Society*
  Puing, A. G., Couture-Cossette, A. n., Wang, A. X., Zygourakis, C. C., Cheng, X. n., Stevens, B. A., Banaei, N. n., Novoa, R. A., Ho, D. Y., Subramanian, A. n.
  2020: e13365

- **Missed diagnosis and misdiagnosis of infectious diseases in hematopoietic cell transplant recipients: an autopsy study.** *Blood advances*
  Multani, A. n., Allard, L. S., Wangjam, T. n., Sica, R. A., Epstein, D. J., Rezvani, A. R., Ho, D. Y.
  2019; 3 (22): 3602–12

- **Scedosporium apiospermum infection of the urinary system with a review of treatment options and cases in the literature** *TRANSPLANT INFECTIOUS DISEASE*
  Benamu, E., Yu, A., Xie, L., Fernandez-Pol, S., Liu, A. Y., Ho, D. Y.
  2018; 20 (1)

- **Fatal Emmonsia sp Infection and Fungemia after Orthotopic Liver Transplantation** *EMERGING INFECTIOUS DISEASES*
  Kappagoda, S., Adams, J. Y., Luo, R., Banaei, N., Concepcion, W., Ho, D. Y.
  2017; 23 (2): 346–49

- **Donor-Derived Coccidioides immitis Endocarditis and Disseminated Infection in the Setting of Solid Organ Transplantation.** *Open forum infectious diseases*
  Nelson, J. K., Giraldeau, G., Montoya, J. G., Deresinski, S., Ho, D. Y., Pham, M.
  2016; 3 (3): ofw086-?

- **Tolerability of Fluoroquinolones in Management of Latent Tuberculosis in Liver Transplant Candidates** *CLINICAL INFECTIOUS DISEASES*
  Tien, V., Robilotti, E., Callister, D., Subramanian, A., Lutchman, G., Ho, D. Y.
  2015; 61 (10): 1631–U154

- **Randomized, placebo-controlled trial to assess the safety and immunogenicity of an adenovirus type 35-based circumsporozoite malaria vaccine in healthy adults.** *Human vaccines & immunotherapeutics*
  Creech, C. B., Dekker, C. L., Ho, D., Phillips, S., Mackey, S., Murray-Krezan, C., Grazia Pau, M., Hendriks, J., Brown, V., Dally, L. G., Versteege, I., Edwards, K. M.
  2013; 9 (12): 2548-2557

- **Randomized, placebo-controlled trial to assess the safety and immunogenicity of an adenovirus type 35-based circumsporozoite malaria vaccine in healthy adults** *HUMAN VACCINES & IMMUNOTHERAPEUTICS*
  Creech, C. B., Dekker, C. L., Ho, D., Phillips, S., Mackey, S., Murray-Krezan, C., Pau, M. G., Hendriks, J., Brown, V., Dally, L. G., Versteege, I., Edwards, K. M.
  2013; 9 (12): 2548-2557

- **Utility of DNA Sequencing for Direct Identification of Invasive Fungi From Fresh and Formalin-Fixed Specimens** *AMERICAN JOURNAL OF CLINICAL PATHOLOGY*
  Moncada, P. A., Budvytiene, I., Ho, D. Y., Deresinski, S. C., Montoya, J. G., Banaei, N.
  2013; 140 (2): 203-208

- **Utility of DNA Sequencing for Direct Identification of Invasive Fungi From Fresh and Formalin-Fixed Specimens** *AMERICAN JOURNAL OF CLINICAL PATHOLOGY*
  Moncada, P. A., Budvytiene, I., Ho, D. Y., Deresinski, S. C., Montoya, J. G., Banaei, N.
  2013; 140 (2): 203-208

- **Clinical Significance of Low Cytomegalovirus DNA Levels in Human Plasma** *JOURNAL OF CLINICAL MICROBIOLOGY*
  Waggoner, J., Ho, D. Y., Libiran, P., Pinsky, B. A.
  2012; 50 (7): 2378-2383

- **Early CMV Viremia Is Associated with Impaired Viral Control following Nonmyeloablative Hematopoietic Cell Transplantation with a Total Lymphoid Irradiation and Antithymocyte Globulin Preparative Regimen** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*
  Schaenman, J. M., Shashidhar, S., Rhee, C., Wong, J., Navato, S., Wong, R. M., Ho, D. Y., Arai, S., Johnston, L., Brown, J. M.

2011; 17 (5): 693-702

- **Brain Abscess Caused by Phaeoacremonium parasiticum in an Immunocompromised Patient** *JOURNAL OF CLINICAL MICROBIOLOGY*
  McNeil, C. J., Luo, R. F., Vogel, H., Banaei, N., Ho, D. Y.
  2011; 49 (3): 1171-1174
- **Treatment of Acyclovir-Resistant Herpes Simplex Virus with Continuous Infusion of High-Dose Acyclovir in Hematopoietic Cell Transplant Patients** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*
  Kim, J. H., Schaenman, J. M., Ho, D. Y., Brown, J. M.
  2011; 17 (2): 259-264
- **Yield of diagnostic procedures for invasive fungal infections in neutropenic febrile patients with chest computed tomography abnormalities** *MYCOSES*
  Ho, D. Y., Lin, M., Schaenman, J., Rosso, F., Leung, A. N., Coutre, S. E., Sista, R. R., Montoya, J. G.
  2011; 54 (1): 59-70
- **Treatment of Severe Acyclovir-Resistant Herpes Simplex Virus Infection with Continuous Infusion of High Dose Acyclovir Following Hematopoietic Cell Transplantation**
  Kim, J. H., Schaenman, J., Ho, D. Y., Brown, J. M.
  AMER SOC HEMATOLOGY.2009: 876
- **Safety and immunogenicity of inactivated, Vero cell culture-derived whole virus influenza A/H5N1 vaccine given alone or with aluminum hydroxide adjuvant in healthy adults** *VACCINE*
  Keitel, W. A., Dekker, C. L., Mink, C., Campbell, J. D., Edwards, K. M., Patel, S. M., Ho, D. Y., Talbot, H. K., Guo, K., Noah, D. L., Hill, H.
  2009; 27 (47): 6642-6648
- **Varicella Zoster Virus** *In: Yu VL, Weber R, Raoult D (eds.), Antinicrobial Therapy and Vaccines 3rd edition*
  Ho DY, Arvin Am, Newland JG
  2009
- **Immunogenicity, safety and consistency of new trivalent inactivated influenza vaccine** *VACCINE*
  Talbot, H. K., Keitel, W., Cate, T. R., Treanor, J., Campbell, J., Bradye, R. C., Graham, I., Dekker, C. L., Ho, D., Winokur, P., Walter, E., Bennet, J., Formica, et al
  2008; 26 (32): 4057-4061
- **Varicella Zoster Virus Infections** *In: Blume KG, Negrin RS, Foramn SJ, Appelbaum (eds.), Thomas? Hematopoietic Cell Transplantation 4th edition.*
  Ho DY, Arvin AM
  2008; Chapter 92
- **Treating disseminated fusariosis: amphotericin B, voriconazole or both?** *MYCOSES*
  Ho, D. Y., Lee, J. D., Rosso, F., Montoya, J. G.
  2007; 50 (3): 227-231
- **Potassium channel gene therapy can prevent neuron death resulting from necrotic and apoptotic insults** *JOURNAL OF NEUROCHEMISTRY*
  Lee, A. L., Dumas, T. C., Tarapore, P. E., Webster, B. R., Ho, D. Y., Kaufer, D., Sapolsky, R. M.
  2003; 86 (5): 1079-1088
- **Anaphylactoid reaction to ciprofloxacin** *ANNALS OF PHARMACOTHERAPY*
  Ho, D. Y., Song, J. C., Wang, C. C.
  2003; 37 (7-8): 1018-1023
- **Interactions among ascorbate, dehydroascorbate and glucose transport in cultured hippocampal neurons and glia** *BRAIN RESEARCH*
  Patel, M., McIntosh, L., Bliss, T., Ho, D., Sapolsky, R.
  2001; 916 (1-2): 127-135
- **Neuroprotective effects of an adenoviral vector expressing the glucose transporter: a detailed description of the mediating cellular events** *BRAIN RESEARCH*
  Gupta, A., Ho, D. Y., Brooke, S., Franklin, L., Roy, M., MCLAUGHLIN, J., Fink, S. L., Sapolsky, R. M.
  2001; 908 (1): 49-57

- **Calbindin D28K overexpression protects striatal neurons from transient focal cerebral ischemia** *STROKE*
  Yenari, M. A., Minami, M., Sun, G. H., Meier, T. J., Kunis, D. M., McLaughlin, J. R., Ho, D. Y., Sapolsky, R. M., Steinberg, G. K.
  2001; 32 (4): 1028-1035
- **Sparing of neuronal function postseizure with gene therapy** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  MCLAUGHLIN, J., Roozendaal, B., Dumas, T., Gupta, A., Ajilore, O., Hsieh, J., Ho, D., Lawrence, M., McGaugh, J. L., Sapolsky, R.
  2000; 97 (23): 12804-12809
- **Gene therapies that enhance hippocampal neuron survival after an excitotoxic insult are not equivalent in their ability to maintain synaptic transmission** *EXPERIMENTAL NEUROLOGY*
  Dumas, T. C., McLaughlin, J. R., Ho, D. Y., Lawrence, M. S., Sapolsky, N. M.
  2000; 166 (1): 180-189
- **Neuroprotective potential of a viral vector system induced by a neurological insult** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Ozawa, C. R., Ho, J. J., Tsai, D. J., Ho, D. Y., Sapolsky, R. M.
  2000; 97 (16): 9270-9275
- **Limitations in the neuroprotective potential of gene therapy with Bcl-2** *BRAIN RESEARCH*
  Phillips, R. G., Lawrence, M. S., Ho, D. Y., Sapolsky, R. M.
  2000; 859 (2): 202-206
- **An adenoviral vector expressing the glucose transporter protects cultured striatal neurons from 3-nitropropionic acid** *BRAIN RESEARCH*
  Fink, S. L., Ho, D. Y., MCLAUGHLIN, J., Sapolsky, R. M.
  2000; 859 (1): 21-25
- **Delivery of herpes simplex virus amplicon-based vectors to the dentate gyrus does not alter hippocampal synaptic transmission in vivo** *GENE THERAPY*
  Dumas, T. D., McLaughlin, J. R., Ho, D. Y., Meier, T. J., Sapolsky, R. M.
  1999; 6 (10): 1679-1684
- **Calbindin D-28K gene transfer via herpes simplex virus amplicon vector decreases hippocampal damage in vivo following neurotoxic insults** *JOURNAL OF NEUROCHEMISTRY*
  Phillips, R. G., Meier, T. J., Giuli, L. C., McLaughlin, J. R., Ho, D. Y., Sapolsky, M. R.
  1999; 73 (3): 1200-1205
- **Gene transfer therapy for cerebral ischemia** *7th International Symposium on the Pharmacology of Cerebral Ischemia*
  Yenari, M. A., Fink, S. L., Lawrence, M., Sun, G. H., MCLAUGHLIN, J., Onley, D., Ho, D. Y., Sapolsky, R. M., Steinberg, G. K.
  MEDPHARM GMBH SCIENTIFIC PUBL.1999: 453–465
- **Gene therapy with HSP72 is neuroprotective in rat models of stroke and epilepsy** *ANNALS OF NEUROLOGY*
  Yenari, M. A., Fink, S. L., Sun, G. H., Chang, L. K., Patel, M. K., Kunis, D. M., Onley, D., Ho, D. Y., Sapolsky, R. M., Steinberg, G. K.
  1998; 44 (4): 584-591
- **Gene transfer of calbindin D-28k cDNA via herpes simplex virus amplicon vector decreases cytoplasmic calcium ion response and enhances neuronal survival following glutamatergic challenge but not following cyanide** *JOURNAL OF NEUROCHEMISTRY*
  Meier, T. J., Ho, D. Y., Park, T. S., Sapolsky, R. M.
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- **The ins and outs of on and off** *NATURE BIOTECHNOLOGY*
  Sapolsky, R. M., Ho, D. Y., MCLAUGHLIN, J.
  1998; 16 (6): 516-516
- **Gene transfer therapy for cerebral ischemia** *In: Krieglstein J and Oberpichler-Schwenk H (eds.), Pharmacology of Cerebral Ischemia, Medpharm, Stuttgart*
  Yenari MA, Fink SL, Lawrence MS, Sun GH, McLaughlin J, Onley D, Ho DY, Sapolsky RM, Steinberg G
  1998: 453-459
- **Increased expression of calbindin D-28k via herpes simplex virus amplicon vector decreases calcium ion mobilization and enhances neuronal survival after hypoglycemic challenge** *JOURNAL OF NEUROCHEMISTRY*

Meier, T. J., Ho, D. Y., Sapolsky, R. M.
1997; 69 (3): 1039-1047

- **Herpes simplex viral vectors expressing Bcl-2 are neuroprotective when delivered after a stroke** *JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM*
  Lawrence, M. S., McLaughlin, J. R., Sun, G. H., Ho, D. Y., McIntosh, L., Kunis, D. M., Sapolsky, R. M., Steinberg, G. K.
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- **Gene therapy for the nervous system** *SCIENTIFIC AMERICAN*
  Ho, D. Y., Sapolsky, R. M.
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- **Defective herpes simplex virus vectors expressing the rat brain stress-inducible heat shock protein 72 protect cultured neurons from severe heat shock** *JOURNAL OF NEUROCHEMISTRY*
  Fink, S. L., Chang, L. K., Ho, D. Y., Sapolsky, R. M.
  1997; 68 (3): 961-969

- **Inducible gene expression from defective herpes simplex virus vectors using the tetracycline-responsive promoter system** *MOLECULAR BRAIN RESEARCH*
  Ho, D. Y., McLaughlin, J. R., Sapolsky, R. M.
  1996; 41 (1-2): 200-209

- **Energy and glutamate dependency of 3-nitropropionic acid neurotoxicity in culture** *EXPERIMENTAL NEUROLOGY*
  Fink, S. L., Ho, D. Y., Sapolsky, R. M.
  1996; 138 (2): 298-304

- **Overexpression of the glucose transporter gene with a Herpes simplex viral vector protects striatal neurons against stroke** *JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM*
  Lawrence, M. S., Sun, G. H., Kunis, D. M., Saydam, T. C., Dash, R., Ho, D. Y., Sapolsky, R. M., Steinberg, G. K.
  1996; 16 (2): 181-185

- **Overexpression of bcl-2 with herpes simplex virus vectors protects CNS neurons against neurological insults in vitro and in vivo** *JOURNAL OF NEUROSCIENCE*
  Lawrence, M. S., Ho, D. Y., Sun, G. H., Steinberg, G. K., Sapolsky, R. M.
  1996; 16 (2): 486-496

- **Herpes simplex viral vectors expressing bcl-2 are neuroprotective against focal ischemia** *In: Krieglstein J (ed.) Pharmacology of Cerebral Ischemia, Medpharm, Stuttgart*
  Yenari M, Lawrence M, Sun G, Ho DY, Kunis D, Sapolsky R, Steinberg G
  1996: 537-543

- **Herpes simplex viral vectors expressing Bcl-2 are neuroprotective against focal cerebral ischemia** *6th International Symposium on Pharmacology of Cerebral Ischemia*
  Yenari, M. A., Lawrence, M. S., Sun, G. H., Ho, D. Y., Kunis, D. M., Sapolsky, R. M., Steinberg, G. K.
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- **A herpes simplex virus vector overexpressing the glucose transporter gene protects the rat dentate gyrus from an antimetabolite toxin** *EXPERIMENTAL NEUROLOGY*
  Dash, R., Lawrence, M., Ho, D., Sapolsky, R.
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- **HERPES-SIMPLEX VIRUS VECTORS OVEREXPRESSING THE GLUCOSE-TRANSPORTER GENE PROTECT AGAINST SEIZURE-INDUCED NEURON LOSS** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Lawrence, M. S., Ho, D. Y., Dash, R., Sapolsky, R. M.
  1995; 92 (16): 7247-7251

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