

CURRICULUM VITAE

DONALD H. GILDEN, M.D.

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EDUCATION

- 1955-59 B.A. Dartmouth College
1959-63 M.D. The University of Maryland School of Medicine

POST GRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS

- 1963-64 Internship, The University of Illinois Hospital, Chicago
1964-67 Residency (Neurology), The University of Chicago Hospitals, Chicago
1969-71 Postdoctoral NIH Fellow (Neurovirology),
 Johns Hopkins University School of Hygiene and Public Health, Baltimore

MILITARY SERVICE

- 1967-69 Staff Neurologist, U.S. Army, Walter Reed Army Medical Center, Washington, D.C.

FACULTY APPOINTMENTS

- 1971-85 Assistant to Full Professor, University of Pennsylvania and Wistar Institute, Philadelphia
1980-81 Visiting Professor, Department of Molecular Virology,
 The Hebrew University-Hadassah Medical Center, Jerusalem, Israel
1985- Professor and Chairman, Department of Neurology; Professor of Microbiology, UCHSC
1996- Permanent Visiting Professor, Department of Neurology,
 The Hebrew University-Hadassah Medical Center, Jerusalem, Israel
1996- Graduate Faculty, Department of Microbiology, UCHSC
1997- Louise Baum Endowed Chair of Neurology, UCHSC

CERTIFICATION LICENSURE EXAMINER

1970, American Board of Psychiatry and Neurology (Neurology)
State of Colorado and National Board
American Board of Psychiatry and Neurology (Neurology)

AWARDS AND HONORS

1979 Burroughs Wellcome Fellow, Imperial Cancer Research Fund Labs, London
1980-81 Fogarty Senior International Fellow, The Hebrew University, Jerusalem, Israel
1986, 1990, 1997, 2003 Outstanding Teacher Award in Neurology (elected by residents), UCHSC
1991 Alumni Award for Distinguished Service, Univ. Chicago School of Medicine
1994 Elected to the Association of American Physicians
1994-present Best Doctors in America (elected by neurologic colleagues)
2003 Elected to Fellowship in American Association for the Advancement of Science
2006 Elected to the Johns Hopkins Society of Scholars
2007 International Society for NeuroVirology Pioneer Award
2007 Elected to Honorary Membership in the American Neurological Association
2008 Honor Award and Gold Key, University of Maryland School of Medicine

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

American Association for the Advancement of Science (Fellow)
American Academy of Neurology (Fellow)
American Neurologic Association (Membership Committee, 1983-1985; Councilor, 1990-1991; second Vice-President, 2003-2004)
Association of American Physicians
Multiple Sclerosis International Federation: Member, Medical and Scientific Board

EDITORIAL BOARDS

1995-present Journal of NeuroVirology, Senior Associate Editor
2002-present In Vivo
2002-04 Journal of Clinical Investigation
2003-present Journal of Virology
2004-present Scientific American Medicine
2006-present Virus Genes
2009-present Neurology

PUBLIC ADVISORY COMMITTEES

NIH, NINDS, Neurological Disorders Program Project Review Committee A, 1983-87
NIH, NIA, Neuroscience of Aging Review Committee, 1989-1993; Chair, 1992-93
NIH, NINDS, Neurosciences Training Grant and Career Development Review Committee, 1996-2001
National MS Society: Advisory Committee on Fundamental Research, 1988-90; 1991-93; Chair, 1993
American Health Assistance Foundation, 1991-94
Arizona Disease Control Research Commission, 1988-present
National Multiple Sclerosis Society, Research Programs Advisory Committee, 2009-12
NIH, CNBT Study Section, 2009-15

SPECIAL INTERESTS AND EXPERTISE

Clinical Neurology
Multiple sclerosis
Acute and chronic virus infections of the nervous system
Virus latency in the nervous system

CURRENT FUNDING

NIH – R01 AG006127 (09/01/05 – 08/31/10) Neurobiology of Varicella-Zoster Virus	Donald H. Gilden, P.I. \$288,075/year, direct costs
NIH – P01 AG032958 (03/01/09 – 02/28/14) The Molecular Pathogenesis of Varicella Zoster Virus Infection	Donald H. Gilden, P.I. \$1,289,262/year, direct costs
NIH – T32 NS007321 (07/01/04 – 06/30/10) Neurovirology-Molecular Biology Training Grant	Donald H. Gilden, P.I. \$181,883/year, direct costs

GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS TRAINED

Harvey Friedman, M.D., 1971-73
Professor of Medicine, and Head, Div. Infectious Disease, Univ. Pennsylvania School of Medicine

Daniela Santoli, Ph.D., 1972-74 (deceased)
Professor, Wistar Institute, Philadelphia

Kenneth Warren, M.D., 1976-78
Professor, Department of Neurology, University of Alberta School of Medicine, Edmonton

Ehud Lavi, M.D., 1982-84
Professor, Head of Neuropathology, Cornell University School of Medicine, New York

Abbas Vafai, Ph.D., 1982-85
Biologies Branch, Scientific Resources Program, National Center for Infectious Diseases,
Centers for Disease Control and Prevention, Atlanta, Georgia

Gary Cabirac, Ph.D., 1987-89
Instructor, Department of Pediatrics, Division of Critical Care, UCHSC

Ravi Mahalingam, Ph.D., 1987-90
Research Professor, Department of Neurology, UCHSC

Randall Cohrs, Ph.D., 1989-91
Research Professor, Department of Neurology, UCHSC

Aud N. Dueland, M.D., 1988-92
Institute of Bacteriology, National Hospital, University of Oslo

Kevin Gilligan, Ph.D., 1991-92
Visiting Scientist, U.S. Army Research Institute for Infectious Diseases, Frederick, Maryland

Shinjo Kido, M.D., 1992-94
Department of Pediatrics, Nagoya University School of Medicine, Ngoya, Japan

Catherine Amlie-Lefond, M.D., 1994-95
Associate Professor, Department of Neurology, Medical College of Wisconsin

Penny Clarke, Ph.D., 1990-95
Research Associate Professor, Department of Neurology, UCHSC

Mark Burgoon, Ph.D., 1994-98
Research Associate Professor, Department of Neurology, UCHSC

Tracey Smith, D.V.M., 1996-99

James LaGuardia, M.D., 1996-2000
Assistant Professor, Department of Neurology, University of Southern Illinois School of Medicine

Barbara Hammack, Ph.D., 2000-03
Research Subject Advocate, General Clinical Research Center, UCHSC

Xiaoli Yu, Ph.D., 2002-05
Assistant Professor, Department of Neurology, UCHSC

Steven Deitch, M.D., 2003-06
Healthcare Product Manager, Thomson Healthcare, Denver

Lee Gary, Ph.D., 2004-06

Elizabeth Brazeau (Graduate Student), 2004-09

Maria Nagel, M.D., 2006-09

Niklaus Mueller, Ph.D., 2007-10

BIBLIOGRAPHY

1. Nathanson, N., Cole, G.A., Weiner, L.P., **Gilden, D.H.**, Johnson, R.T.: Diversity of pathological lesions produced by acute virus infections of the nervous system. *In*: Proceedings of the VIth International Congress of Neuropathology, Masson et Cie, Paris, 876-891, 1970.
2. Monjan, A.A., **Gilden, D.H.**, Cole, G.A., Nathanson, N.: Cerebellar hypoplasia in neonatal rats caused by lymphocytic choriomeningitis virus. *Science* 171:194-196, 1971.
3. Monjan, A.A., **Gilden, D.H.**, Cole, G.A., Nathanson, N.: LCM virus-induced cerebellar hypoplasia in neonatal rats. *Ann. N.Y. Acad. Sciences* 181: 202-208, 1971.
4. Cole, G.A., **Gilden, D.H.**, Monjan, A.A., Nathanson, N.: LCM virus: Pathogenesis of acute CNS disease. *In*: The Effect of Immunosuppression on Viral Infections. *Fed. Proc.* 30:1831-1841, 1971.
5. Meyers, K.R., **Gilden, D.H.**, Rinaldi, C.F., Hansen, J.L.: Periodic muscle weakness, normokalemia, and tubular aggregates. *Neurology* 22:269-279, 1972.
6. **Gilden, D.H.**, Cole, G.A., Monjan, A.A., Nathanson, N.: Immunopathogenesis of acute CNS disease produced by LCM virus. I. Cyclophosphamide-mediated induction of the virus-carrier state in adult mice. *J. Exp. Med.* 135:860-873, 1972.
7. **Gilden, D.H.**, Cole, G.A., Nathanson, N.: Immunopathogenesis of acute CNS disease produced by LCM virus. II. Adoptive immunization of virus carriers. *J. Exp. Med.* 135:874-889, 1972.
8. **Gilden, D.H.**, Friedman, H.M., Kyj, C.O., Roosa, R.A., Nathanson, N.: Tamiami virus-induced immunopathological disease of the CNS. *In*: Lymphocytic Choriomeningitis Virus and Other Arenaviruses (F. Lehmann-Grube, ed.), Springer-Verlag, New York, 287-297, 1973.
9. Monjan, A.A., Cole, G.A., **Gilden, D.H.**, Nathanson, N.: Pathogenesis of cerebellar hypoplasia produced by LCM virus infection of neonatal rats. I. Evolution of disease following infection at 4 days of age. *J. Neuropath. Exp. Neurol.* 32:110-124, 1973.
10. **Gilden, D.H.**, Friedman, H.M., Nathanson, N.: Tamiami virus-induced cerebellar heterotopia. *J. Neuropath. Exp. Neurol.* 33:29-41, 1974.
11. **Gilden, D.H.**, Miller, E.M., Johnson, W.G.: Central nervous system histoplasmosis after rhinoplasty. *Neurology* 24:874-877, 1974.
12. Friedman, H.M., **Gilden, D.H.**, Roosa, R.A., Nathanson, N.: The effect of neonatal thymectomy on Tamiami virus-induced CNS disease. *J. Neuropath. Exp. Neurol.* 34:159-166, 1975.
13. Santoli, D., Wroblewska, Z., **Gilden, D.H.**, Koprowski, H.: Establishment of continuous MS brain cultures after transformation with PML-SV40 virus. *J. Neurol. Sci.* 24:385-390, 1975.
14. **Gilden, D.H.**: Viral-induced immunopathology. *In*: Viruses and Immunity (H. Koprowski, ed.), Academic Press, New York, Chap. 6:83-94, 1975.
15. Friedman, H.M., **Gilden, D.H.**, Lief, F.S., Rorke, L.B., Santoli, D., Koprowski, H.: Hydrocephalus produced by 6/94 virus: A parainfluenza type 1 isolate from MS brain tissue. *Arch. Neurol.* 32:408-413, 1975.
16. **Gilden, D.H.**, Devlin, M., Wroblewska, Z., Friedman, H.M., Rorke, L.B., Santoli, D., Koprowski, H.: Human brain in tissue culture. I. Acquisition, initial processing, and establishment of brain cell cultures. *J. Comp. Neurol.* 161:295-306, 1975.
17. Wroblewska, Z., Devlin, M., **Gilden, D.H.**, Santoli, D., Friedman, H.M., Koprowski, H.: Human brain in tissue culture. II. Studies of long-term cultures. *J. Comp. Neurol.* 161:307-316, 1975.

18. Santoli, D., Wroblewska, Z., **Gilden, D.H.**, Girardi, A.J., Koprowski, H.: Human brain in tissue culture. III. PML-SV40-induced transformation of brain cells and establishment of permanent lines. *J. Comp. Neurol.* 161:317-328, 1975.
19. Rorke, L.B., **Gilden, D.H.**, Wroblewska, Z., Santoli, D.: Human brain in tissue culture. IV. Morphological characteristics. *J. Comp. Neurol.* 161:329-339, 1975.
20. **Gilden, D.H.**, Rorke, L.B., Tanaka, R.: Acute SSPE. *Arch. Neurol.* 32:644-646, 1975.
21. Wolinsky, J.S., **Gilden, D.H.**: *In vivo* studies of parainfluenza I (6/94) virus: Mononuclear cell interactions. *Arch. Virol.* 49:25-31, 1975.
22. Rorke, L.B., **Gilden, D.H.**, Wroblewska, Z., Wolinsky, J.S.: Experimental panencephalitis induced in suckling mice by parainfluenza type I (6/94) virus. I. Clinical and pathological features. *J. Neuropath. Exp. Neurol.* 35:247-258, 1976.
23. **Gilden, D.H.**, Wroblewska, Z., Chesler, M., Wellish, M., Lief, F.S., Wolinsky, J.S., Rorke, L.B.: Experimental panencephalitis induced in suckling mice by parainfluenza type I (6/94) virus. II. Virologic studies. *J. Neuropath. Exp. Neurol.* 35:259-270, 1976.
24. Wolinsky, J.S., **Gilden, D.H.**, Rorke, L.B.: Experimental panencephalitis induced in suckling mice by 6/94 virus. III. Ultrastructural studies. *J. Neuropath. Exp. Neurol.* 35:271-286, 1976.
25. Wroblewska, Z., Santoli, D., **Gilden, D.H.**, Lewandowski, L., Koprowski, H.: Persistent parainfluenza type I (6/94) infection of brain cells in tissue culture. *Arch. Virol.* 50:287-303, 1976.
26. **Gilden, D.H.**, Wroblewska, Z., Eng, L.F., Rorke, L.B.: Human brain in tissue culture. V. Identification of glial cells by immunofluorescence. *J. Neurol. Sci.* 29:177-184, 1976.
27. Zimmerman, R.A., Bilaniuk, L.T., Shipkin, P.M., **Gilden, D.H.**, Murtagh, F.: Evolution of cerebral abscess: Correlation of clinical features with computed tomography. *Neurology* 27:14-19, 1977.
28. **Gilden, D.H.**, Eisner, J.: Lumbar plexopathy caused by disseminated intravascular coagulation. *JAMA* 237:2846-2847, 1977.
29. Warren, K.G., Devlin, M., **Gilden, D.H.**, Wroblewska, Z., Brown, S.M., Subak-Sharpe, J., Koprowski, H.: Isolation of herpes simplex virus from human trigeminal ganglia, including ganglia from one patient with multiple sclerosis. *Lancet* 2:637-639, 1977.
30. Bogen, C., **Gilden, D.H.**, Wroblewska, Z., Wolinsky, J.S.: Experimental infection of human leukocytes with 6/94 virus. *Infect. Immun.* 18:501-508, 1977.
31. Wroblewska, Z., **Gilden, D.H.**, Wellish, M., Rorke, L.B., Warren, K.G., Wolinsky, J.S.: Virus-specific intracytoplasmic inclusions in mouse brain produced by a newly isolated strain of Theiler virus: I. Virologic and morphologic studies. *Lab. Invest.* 37:595-602, 1977.
32. **Gilden, D.H.**, Wroblewska, Z., Kindt, V., Warren, K.G., Wolinsky, J.S.: Varicella-zoster virus infection of human brain cells and ganglion cells in tissue culture. *Arch. Virol.* 56:105-117, 1978.
33. Santoli, D., Moretta, L., Lisak, R., **Gilden, D.H.**, Koprowski, H.: Imbalances in T cell subpopulations in multiple sclerosis patients. *J. Immunol.* 120:1369-1371, 1978.
34. Warren, K.G., Brown, S.M., Wroblewska, Z., **Gilden, D.H.**, Koprowski, H., Subak-Sharpe, J.: Isolation of latent HSV from the superior cervical and vagus ganglions of humans. *NEJM* 298:1068-1069, 1978.
35. **Gilden, D.H.**, Devlin, M., Wroblewska, Z.: A technique for the elution of cell-surface antibody from human brain tissue. *Ann. Neurol.* 3:403-405, 1978.

36. Wroblewska, Z., Wellish, M., **Gilden, D.H.**: Enhanced 6/94 virus detection in latently infected human brain cell cultures by treatment with cytochalasin D and DMSO. *J. Med. Virol.* 2:127-136, 1978.
37. Tanaka, R., Sekiguchi, K., Ueki, K., **Gilden, D.H.**, Koprowski, H.: Morphological studies of hamster brain cells transformed in vitro by a human papovavirus BK. *Acta Neuropath.* 41:235-239, 1978.
38. Abramsky, O., Lisak, R.P., Pleasure D., **Gilden, D.H.**, Silberberg, D.H.: Immunologic characterization of oligodendroglia. *Neurosci. Letters* 8:311-316, 1978.
39. **Gilden, D.H.**, Rorke, L.B., Wroblewska, Z., Wellish, M.: Parainfluenza I (6/94) virus-induced white matter degeneration: Enhancement by adoptive transfer of virus-sensitized immunocytes. *Neurology* 28:1004-1007, 1978.
40. Warren, K.G., Wroblewska, Z., Okabe, H., Brown, S.M., **Gilden, D.H.**, Koprowski, H., Rorke, L.B., Subak-Sharpe, J., Yonezawa, T.: Virology and histopathology of the trigeminal ganglia of Americans and Japanese. *Canadian J. Neurol. Sci.* 5:425-430, 1978.
41. Wroblewska, Z., Wellish, M., Rorke, L.B., **Gilden, D.H.**: Rat tracheal organ culture supports replication of parainfluenza I (6/94) virus and promotes 6/94 virus rescue from latently infected human brain cells. *J. Med. Virol.* 3:111-118, 1978.
42. Warren, K.G., Devlin, M., **Gilden, D.H.**, Wroblewska, Z., Koprowski, H., Brown, S.M., Subak-Sharpe, J.: HSV latency in patients with MS, lymphoma and normal humans. In: *Oncogenesis and Herpesviruses III, part 2: Cell-virus Interactions, Host Response to Herpesvirus Infection and Associated Tumors, Role of Co-factors* (G. de-The, W. Henle, R. Rapp, eds.), International Agency for Research on Cancer, Lyon, 765-768, 1978.
43. **Gilden, D.H.**: Viral meningoencephalitis. In: *Current Therapy* (Howard F. Conn, ed.), Philadelphia, 704-706, 1979; 747-749, 1982.
44. Wroblewska, Z., Kim, S.U., Sheffield, W.D., **Gilden, D.H.**: Growth of the WW strain of Theiler virus in mouse central nervous system organotypic culture. *Acta. Neuropath.* 47:13-19, 1979.
45. Rorke, L.B., Iwasaki, Y., Koprowski, H., Wroblewska, Z., **Gilden, D.H.**, Warren, K.G., Lief, F.S., Hoffman, S., Cummins, L.B., Rodriguez, A.R., Kalter, S.S.: Acute demyelinating disease in a chimpanzee 3 years after inoculation of MS brain cells. *Ann. Neurol.* 5:89-94, 1979.
46. **Gilden, D.H.**, Tachovsky, T.: Ig elution from MS brain. *J. Neurosci. Methods* 1:133-142, 1979.
47. Wroblewska, Z., **Gilden, D.H.**, Devlin, M., Huang, E.S., Rorke, L.B., Hamada, T., Furukawa, T., Cummins, L., Kalter, S., Koprowski, H.: CMV isolation from a chimpanzee with acute demyelinating disease after inoculation of MS brain cells. *Inf. Immun.* 25:1008-1015, 1979.
48. **Gilden, D.H.**, Tachovsky, T.: Further studies on the elution of Ig from MS brain. In: *Humoral Immunity in Neurological Diseases* (D. Karcher, A. Lowenthal, A.D. Strosberg, eds.), Plenum Publishing Co., New York, 481-492, 1979.
49. Barabas, G., Wroblewska, Z., **Gilden, D.H.**: Growth of murine cytomegalovirus in murine and heterologous brain cultures. *Arch. Virol.* 65:193-200, 1980.
50. Wroblewska, Z., Wellish, M., **Gilden, D.H.**: Growth of JC virus in adult human brain cell cultures. *Arch. Virol.* 65:141-148, 1980.
51. **Gilden, D.H.**, Devlin, M., Wroblewska, Z.: The use of vesicular stomatitis virus (visna virus) pseudotypes to demonstrate visna virus receptors in cells from different species. *Arch. Virol.* 67:181-185, 1981.

52. **Gilden, D.H.**, Molenaar, I., Devlin, M., Eng L., Wroblewska, Z.: Human brain in tissue culture. VI. Presence of GFAP in subcultivated human fetal brain cells as demonstrated by immunofluorescent and immunoperoxidase staining. *Acta Neuropath.* 53:327-330, 1981.
53. Fraser, N.W., Lawrence, W.C., Wroblewska, Z., **Gilden, D.H.**, Koprowski, H.: Herpes simplex type 1 DNA in human brain tissue. *PNAS* 78:6461-6465, 1981.
54. **Gilden, D.H.**, Wellish, M., Rorke, L.B., Wroblewska, Z.: Canine distemper virus infection of weanling mice: Pathogenesis of CNS disease. *J. Neurol. Sci.* 52:327-339, 1981.
55. Wroblewska, Z., Wellish, M., Wolinsky, J.S., **Gilden, D.H.**: Comparison of human CMV growth in MRC-5 human fibroblasts, brain, and choroid plexus cells in vitro. *J. Med. Virol.* 8:245-256, 1981.
56. Wroblewska, Z., Kennedy, P.G.E., Wellish, M., Lisak, R., **Gilden, D.H.**: Demonstration of JC virus by immunofluorescence in multiple cell types in experimentally infected adult human brain cell cultures. *J. Neurol. Sci.* 54:189-196, 1982.
57. Becker, Y., Shtram, Y., Snipper, D., Asher, Y., Tabor, E., Gordon, Y., **Gilden, D.H.**, Wellish, M., Hadar, J., Becker, O., Cohen, A., Laban, A., Honigman, A.: The HSV-1 thymidine kinase gene controls expression in eukaryotic and prokaryotic cells and viral pathogenesis in mice. In: Herpesviruses: Clinical, Pharmacological and Basic Aspects (Prusoff, Cheng and Shiota, eds.), International Congress Series 571, Excerpta Medica, Amsterdam-Oxford-Princeton, 57-73, 1982.
58. **Gilden, D.H.**, Shtram, Y., Friedmann, A., Wellish, M., Devlin, M., Cohen, A., Fraser, N., Becker, Y.: Extraction of cell-associated VZV DNA with triton X-100-NaCl. *J. Virol. Meth.* 4:263-275, 1982.
59. **Gilden, D.H.**, Shtram, Y., Friedmann, A., Wellish, M., Devlin, M., Fraser, N., Becker, Y.: The internal organization of the varicella-zoster virus genome. *J. Gen. Virol.* 60:371-374, 1982.
60. Wroblewska, Z., Devlin, M., Reilly, K., Van Treiste, H., Wellish, M., **Gilden, D.H.**: The production of VZV antiserum in laboratory animals. *Arch. Virol.* 74:233-238, 1982.
61. **Gilden, D.H.**: Slow virus diseases of the CNS. *Postgrad. Med.* 73:99-118, 1983.
62. Gordon, Y., **Gilden, D.H.**, Shtram, Y., Asher, Y., Tabor, E., Wellish, M., Devlin, M., Snipper, D., Hadar, J., Becker, Y.: A low TK producing mutant of HSV-1 causes latent trigeminal ganglia infections in mice. *Arch. Virol.* 76:39-49, 1983.
63. Gordon, Y., **Gilden, D.H.**, Becker, Y.: HSV-1 thymidine kinase promotes virulence and latency in the mouse. *Invest. Ophthal. Vis. Sci.* 24:599-602, 1983.
64. Becker, Y., Shtram, Y., Hadar, J., Ben-Hur, T., Barasofsky, A., Asher, Y., Tabor, E., Scemama, A., **Gilden, D.H.**: HSV type 1 TK gene controls virus pathogenesis and latency in the nervous system. In: Mechanisms of Viral Pathogenesis (from gene to pathogen), Developments in Molecular Virology, Vol. 4 (A. Kohn, P. Fuchs, eds.), Martinus Nijhoff Publishers, Boston, 293-308, 1983.
65. **Gilden, D.H.**, Vafai, A., Shtram, Y., Becker, Y., Devlin, M., Wellish, M.: Varicella-zoster virus DNA in human sensory ganglia. *Nature* 306:478-480, 1983.
66. Ben-Hur, T., Hadar, J., Shtram, Y., **Gilden, D.H.**, Becker, Y.: Neurovirulence of HSV-I depends on age in mice and thymidine kinase expression. *Arch. Virol.* 78:303-308, 1983.
67. Becker, Y., **Gilden, D.H.**, Shtram, Y., Asher, Y., Tabor, E., Wellish, M., Devlin, M., Snipper, D., Hadar, J., Gordon, Y.: Herpes simplex virus type I thymidine kinase gene activity controls virus latency and neurovirulence in mice. In: Latent Herpesviruses Infections in Veterinary Medicine (G. Wittman, R.M. Gaskell, H.J. Rziha, eds.), Martinus Nijhoff Publishers, Boston, 3-19, 1984.
68. Lavi, E., **Gilden, D.H.**: Viral meningoencephalitis. In: Emergency Medical Therapy-1984. (R.F. Edlich, D.A. Spyker, eds.), Appleton-Century-Crofts, NY, 662-665, 1984; 773-776, 1985.

69. Lavi, E., **Gilden, D.H.**, Wroblewska, Z., Rorke, L.B., Weiss, S.: Experimental demyelination produced by the A59 strain of mouse hepatitis virus. *Neurology* 34:597-603, 1984.
70. Lavi, E., **Gilden, D.H.**, Highkin, M.K., Weiss, S.R.: MHV-A59 pathogenesis in mice. *In: Molecular Biology and Pathogenesis of Coronaviruses* (P.J.M. Rottier, B.A.M. van der Zeijst, W.J.M. Spaan, M. Horzinek, eds.), Plenum Publishing Co., New York, 237-245, 1984.
71. Lavi, E., **Gilden, D.H.**, Highkin, M.K., Weiss, S.R.: Detection of MHV-A59 RNA by *in situ* hybridization. *In: Molecular Biology and Pathogenesis of Coronaviruses* (P.J.M. Rottier, B.A.M. van der Zeijst, W.J.M. Spaan, M. Horzinek, eds.), Plenum Publishing Co., New York, 247-257, 1984.
72. Lavi, E., **Gilden, D.H.**, Highkin, M.K., Weiss, S.R.: Persistence of MHV-A59 RNA in a slow virus demyelinating infection in mice as detected by *in situ* hybridization. *J. Virol.* 51:563-566, 1984.
73. **Gilden, D.H.**: Herpes zoster. *In: Current Therapy in Internal Medicine 1984-1985* (T.M. Bayless, M.C. Brain, R.M. Cherniack, eds.), B.C. Decker Publishing Co., Philadelphia, 1327-1331, 1984. *Current Therapy in Neurologic Disease 1985-1986.* (R.T. Johnson, ed.), B.C. Decker Publishing Co., Philadelphia, 157-160, 1984.
74. Vafai, A., Wroblewska, Z., Wellish, M., Green, M., **Gilden, D.H.**: Analysis of three late VZV proteins, a 125K molecular-weight protein and gp1 and gp3. *J. Virol.* 52:953-959, 1984.
75. **Gilden, D.H.**, Vafai, A., Shtram, Y., Becker, Y., Devlin, M., Wellish, M.: VZV latency in the nervous system. *In: MS: Present State of Knowledge* (G. Scarlato, W.B. Matthews, eds.), Plenum Publishing Co., New York, 93-102, 1984.
76. Becker, Y., Shtram, Y., Barasofsky, A., Haber, M., Scemama, A., Asher, Y., Tabor, E., Ben-Hur, T., **Gilden, D.**, Hadar, J.: Role of the promoter sequence of the TK gene of HSV-1 in biochemical transformation of cells, gene expression and neurovirulence in mice. *In: Role of Viruses in Human Cancer, Vol. 2* (G. Giraldo and E. Beth, eds.), Elsevier Science Publishers, Amsterdam, 37-58, 1984.
77. Wroblewska, Z., **Gilden, D.H.**, Green, M., Devlin, M., Vafai, A.: Affinity-purified VZV glycoprotein gp1/gp3 stimulates the production of neutralizing antibody. *J. Gen. Virol.* 66:1795-1799, 1985.
78. Vafai, A., Wellish, M., **Gilden, D.H.**: Polypeptides encoded by varicella-zoster virus unique short sequences. *Virus Res.* 5:67-76, 1986.
79. Lavi, E., **Gilden, D.H.**, Highkin, M.K., Weiss, S.R.: The organ tropism of mouse hepatitis virus A59 in mice is dependent on dose and route of inoculation. *Lab. Animal Sci.* 36:130-135, 1986.
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