CURRICULUM VITAE

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DATE OF BIRTH 1933, Johannesburg, South Africa

EDUCATION

1951-1956	M.B.B.Ch. University of the Witwatersrand Johannesburg, S. Africa

TRAINING

1957	House Surgeon St. Bartholomew's Hospital Rochester, Kent, England
1957-1958	House Physician Hampstead General Hospital Royal Free Hospital, London

ADDITIONAL QUALIFICATIONS

1961	M.R.C.P. - Member of the Royal College of Physicians of Edinburgh with special examination in Infectious Diseases
1994	F.R.C.P. - Fellow of the Royal College of Physicians of Edinburgh

LICENSURES

1958	Registered Medical Practitioner (Great Britain) GMC #1033665
1975	New York State License #125298

APPOINTMENTS

1959-1961	Senior House Officer (Infectious Diseases) Neasden Hospital Central Middlesex Hospital, London
1961-1963	Research Fellow

	Department of Bacteriology University of Edinburgh
1963-1969	Member, Scientific Staff National Institute for Medical Research Mill Hill, London
1969-1972	Associate Professor of Microbiology Mt. Sinai Medical School New York, New York
1972-1973	Member, Scientific Staff National Institute for Medical Research Mill Hill, London
1973-1977	Associate Professor of Medicine Downstate Medical Center Brooklyn, New York
1977-1979	Associate Attending Physician Maimonides Medical Center Brooklyn, New York
1977-1979	Director Continuing Medical Education Bureau of VD Control Department of Health, NYC
1979-date	Private Practice
1982-1985	Clinical Associate Professor Department of Pathology Uniformed Services University of the Health Sciences Bethesda, Maryland
1983	Associate Research Scientist Columbia University New York, NY
1991- 1996	Medical Director Community Research Initiative on AIDS New York, NY
1996-1999	Attending Physician Cabrini Medical Center/The Stuyvesant Polyclinic (AIDS/HIV) New York, NY
1999-2004	Attending Physician St Lukes Roosevelt Hospital Center Samuels Clinic, Comprehensive AIDS Care Center New York, NY

ADDITIONAL APPOINTMENTS AND COMMITTEE MEMBERSHIPS

1978-1980	Member, Advisory Committee

	Hepatitis B Vaccine Trial New York Blood Center, New York
1983	Co-Founder AIDS Medical Foundation, New York
1983-1985	Chairman, Scientific Committee AIDS Medical Foundation, New York
1983-1985	Member, Institutional Review Board AIDS Medical Foundation, New York
1983-1987	Editor and Founder AIDS Research (now AIDS Research and Human Retroviruses)
1984	Member, Advisory Panel, American Blood Commission Policy Conference on AIDS Ethics and The Blood Supply
1984	Participant in formulation of Guidelines on Confidentiality in Aids Research The Hastings Center
1987-1991	Founding Member, Board of Directors Community Research Initiative New York, New York
1987-1991	Member, Institutional Review Board and Scientific Advisory Committee Community Research Initiative New York, New York
1987-1992	Founding Board Member People With AIDS Health Group New York, New York
1988	Member, Advisory Committee AIDS Treatment Registry New York, New York
1991-1996	Member Institutional Review Board and Scientific Advisory Committee Community Research Initiative on AIDS New York, New York
1992-1994	Member, Working Group on the Ethical Issues Associated with AIDS Clinical Research in the Primary Care Setting

CLINICAL TRIALS EXPERIENCE

1987 A trial of aerosolized pentamidine for the prevention of Pneumocystis carinii pneumonia. CRI A two dose comparison with over 200 participants; the data was utilzed by the FDA in approving this treatment.
Principal Investigator

1991 Pentoxifylline (Trental) as a Tumor Necrosis Factor (TNF) Antagonist in Persons with HIV Infection + Between 50 and 300 CD4 Cells/mm3**:** A Double-Blind, Placebo-

Controlled Study.

CRI

Principal Investigator

1992 A Controlled Study of the Effects of Cimetidine on CD4 Numbers in a Group of HIV-Infected Individuals. CRI

Principal Investigator

1993 A Placebo Controlled Study of the Modulation of HIV Production by Aspirin. CRI

Principal Investigator

1993-1996 A Double-Blind, Randomized, Dose-Response Study of Three Fixed Doses of Delavirdine Mesylate (U-90152S) in Combination with Zidovudine (ZDV) versus ZDV alone in HIV-1 Infected Individuals with CD4 Counts of 200-500/mm^3. Pharmacia & Upjohn, Inc.

Principal Investigator (CRIA site)

1993-1996 A Double-Blind, Randomized, Comparative Study of Delavirdine Mesylate (U-90152S) in Combination with Didanosine (ddI) versus ddI alone in HIV-1 Infected Individuals with CD4 Counts of 300/mm^3. Pharmacia & Upjohn, Inc.

Principal Investigator (CDIA site)

1993-1996 Optional, Open-Label, Extended Use Delavirdine Mesylate Treatment in Triple Combination for HIV-1+ Patients Who Participated in Other Delavirdine Mesylate Protocols.

Pharmacia & Upjohn, Inc.

Principal Investigator (CRIA site)

1993-1996 A multi-center, placebo controlled, double blind, randomized trial comparing the activity, safety and tolerance of: 1) 400mg nevirapine in combination with 300-600mg/day of zidovudine vs. zidovudine alone in asymptomatic HIV-1 infected patients with 3-24 months prior zidovudine therapy and 200-500 CD4+ cells/mm^3 and 2) 400mg nevirapine vs. nevirapine placebo in asymptomatic HIV-1 nucleoside naive patients with 200-500 CD4+ cells/mm^3.

Boehringer-Ingelheim

Principal Investigator (CRIA site)

1994-1996 Pathogenesis of AIDS Associated Kaposi's Sarcoma: An In vivo Study of the Pattern of Cytokine Expression in Kaposi's Sarcoma Lesions. CRIA with National Cancer Institute

Principal Investigator with Dr. Barbara Ensoli (NCI)

1994-1995 An Open Label Prospective Study of Biaxin 500MG BID as Primary Prophylaxis for Disseminated Mycobacterium Avium. Abbott Laboratories

Principal Investigator

1994-1996 A long-term open-label trial assessing safety and tolerance of chronic nevirapine dosing

in HIV-1 infected patients. Boehringer-Ingelheim
Principal Investigator (CRIA site)

1995-1996 Low Dose Cyclophosphamide as a Modulator of B-Cell Hyperactivity in HIV Infection. CRIA

Principal Investigator

1995-1996 A Phase III Safety and Efficacy Trial of ABT-538 plus Current Therapy vs Placebo Plus Current Therapy in HIV-Infected Patients (Protocol M94-247). Abbott Laboratories

Principal Investigator (CRIA site)

1996 M96-432: A Phase III Ritonavir Long-term Treatment Trial. Abbott Laboratories

Principal Investigator (CRIA site)

SPECIAL AWARDS AND HONORS

1962	Polio Research Foundation Fellowship Edinburgh University
1967	Medical Research Council Traveling Fellowship The Albert Einstein College of Medicine New York
1970-1972	Co-Principal Investigator on a contract awarded by the National Institutes of Health Mt. Sinai School of Medicine, New York
1983	The Nellie Westerman Prize for Research in Ethics awarded by the American Federation for Clinical Research

MEMBERSHIP IN SOCIETIES

American Association for the Advancement of Science
American Society for Microbiology

TEACHING EXPERIENCE

1969-1972	Teaching of Microbiology and Infectious Diseases Participation in Curriculum Preparation Mt. Sinai Medical School, New York
1973-1977	Lectures to Graduate Students on Virology Lectures to Medical Students on Infectious Diseases, State University of New York, Downstate Medical Center, Brooklyn, New York

1977-1978	Teaching House Staff, Infectious Diseases Maimonides Hospital, Brooklyn, New York

INVITED LECTURES

1964	Symposium on Interferon Bratislava, Czechoslovakia
1967	Ciba Foundation Symposium on Interferon London
1968	International Symposium on Interferon Sienna, Italy
1969	Colloques de L'Institut de la Sante et de la Recherche Medicale, No. 6, Lyons, France
1969	New York Heart Association Symposium on Interferon, New York, New York
1975	Opening Address, International Workshop on Interferon in the Treatment of Cancer, Sponsored by the National Cancer Institute and Memorial Sloan-Kettering Cancer Center
1983	Invited Speaker and Session Moderator Symposium on AIDS New York Academy of Sciences
1984	Meeting of Southwest Oncology Group San Antonio, Texas
1986	Invited Lecturer Pasteur Institute Paris
1987	Invited Lecturer International Symposium on Kaposi's Sarcoma Nagasaki, Japan
1989	Invited Lecturer and Keynote Speaker Organizing Community-Based Clinical Trials: Models for the AIDS Epidemic, New York

PUBLICATIONS

1. Sonnabend, J.A. An effect of interferon on uninfected chick embryo fibroblast. Nature 203;496,1964.

2. Friedman, R.M., and Sonnabend, J.A. Inhibition of interferon action by p-fluorophenylalanine. Nature 203;366,1964

3. Sonnabend, J.A., Dalgarno, L., Friedman, R.M., and Martin,E.M. A possible replicative form of

Semliki Forest Virus RNA. Biochem. Biophys. Res. Comm. 17;455,1964.

4. Friedman, R.M.,and Sonnabend, J.A. Inhibition by interferon of production of double stranded Semliki Forest virus RNA. Nature 206:532, May 1, 1965.

5. Friedman, R.M., and Sonnabend, J.A. Inhibition of interferon action by puromycin. J.Immunol. 95;696, Oct., 1965.

6. Friedman, R.M., Sonnabend, J.A. Interferon inhibition of cytoplasmic DNA accumulation in vaccinia virus infection. A radioautographic study. Proc.Soc.Exp.Biol. 119:511, 1965.

7. Mecs, E., Sonnabend, J.A., Martin, E.M., and Fantes, K.H. The effect of interferon on the synthesis of RNA in chick cells infected with Semliki Forest Virus. J. Gen. Virol. 1:25, Jan., 1967.

8. Sonnabend, J.A., Martin, E.M., and Mecs, E. Viral specific RNAs in infected cells. Nature 213:365, Jan. 28, 1967.

9. Martin, E.M., and Sonnabend, J.A. Ribonucleic acid polymerase catalyzing synthesis of double-stranded arbovirus ribonucleic acid. J. Virol 1:97, Feb., 1967.

10. Fox, S.M., Birnie, G.D., Martin, E.M., and Sonnabend, J.A. Isolation of Polyoma virus and Semliki Forest virus from tissue culture fluid by continuous flow zonal ultra-centrifugalation. J. Gen. Viral. 1:577, Oct., 1967.

11. Sonnabend, J.A., Martin, E.M., Mecs, E., and Fantes, K.H. The effect of interferon on the synthesis and activity of an RNA polymerases isolated from chick cells infected with Semliki Forest virus. J. Gen. Virol. 1:41, 1968.

12. Fox, S.M., Birnie, G.D., Harvey, D.R., Martin, E.M., and Sonnabend, J.A. The use of batch-type zonal ultracentrifugation rotors for the isolation and purification of viruses. J. Gen. Viral. 2:455, May, 1968.

13. Kerr, I.M., Martin, E.M., Sonnabend, J.A., Metz, D.M. The mechanism of action of interferon: a comparison of ribosomes from interferon-treated and control cells. Biochem. J. 114:43-44, Sept., 1969.

13A Kerr I.M., Sonnabend J.A., Martin E. M. Protein synthetic activity of ribosomes from interferon-treated cells. J Virol 5(2): 132, 1970

14. Friedman, R.M., and Sonnabend, J.A. Mechanism of interferon action. Archives of Internal Medicine 126:51, July, 1970.

15. Baxt, B., Sonnabend, J.A., and Bablanian, R. Effects of interferon on vesicular stomatitis virus transcription and translation. J. Gen. Virol. 35:325, May, 1977.

16. Bablanian,B., Esteban, M., Sonnabend, J.A. and Baxt, B. Studies on the mechanism of vaccinia virus cytopathic effects. I. Inhibition of protein synthesis in infected cells is associated with virus-induced RNA synthesis. J.Gen. Virol. 39:391, June, 1978.

17. Bablanian, R., Baxt, B., Sonnabend, J.A., and Esteban, M. Studies on the mechanisms of vaccinia virus cytopathic effects. II. Early cell rounding is associated with virus peptide synthesis. J. Gen. Virol. 39:403, June, 1978.

18. Feldman, Y.M., and Sonnabend, J.A. Herpes simplex virus infections. New York State Journal Of

Medicine, Feb., 1979.

19. Wallace, J., Coral, F., Rimm,I., Lane, H., Levine, H., Reinherz, E., Schlossman, S.F., and Sonnabend, J.A. T-cell ratios in homosexuals. Lancet, 1:908, April 17, 1982.

20. DeStefano, E., Friedman, R. M., Friedman-Kien, A.E., Goedert, J.J., Henricksen, D., Preble, O.T., Sonnabend, J.A., and Vilcek, J. Acid-labile human Leukocyte interferon in homosexual men with Kaposi's Sarcoma and lymphadenopathy. J. Infect. Dis. 146:451, Oct., 1982.

21. Witkin, S.S., and Sonnabend, J. Immune responses to spermatozoa in homosexual men. Fertility and Sterility 39:337, March, 1983.

22. Sonnabend, J.A., Witkin, S.S. and Purtilo, D.T. Acquired immunodeficiency syndrome, opportunistic infections and malignancies in male homosexuals. Journal of the American Medical Association 249:2374, May 6, 1983.

23. Metroka, C., Cunningham-Rundles, S., Pollack, M.S., Sonnabend, J.A., Davis, J.M., Gordon, B., Fernandez, R.D., and Mouradian,J. General Lymphadenopathy in homosexual men. Ann. Intern. Med. 99:585, Nov., 1983.

24. Witkin, S.S., Sonnabend, J.A., Richards, J.M., and Purtilo, D.T. Induction of antibody to assail GM1 by spermatozoa and its occurrence in the sera of homosexual men with the acquired immunodeficiency syndrome. Clin. Exp. Immun. 54:346, 1983.

25. Purtilo, R., Sonnabend, J.A., and Purtilo, D.T. Confidentiality, informed consent and untoward social consequences in research on a "new Killer Disease" (AIDS). Clinical Research 31:462-72, 1983.

26. Preble, O.T., and Sonnabend, J.A. AIDS from the perspective of experimental pathology. J. Exp. Pathol., 1:3, 1984.

27. Sonnabend, J.A., and Saadoun, S. The acquired immunodeficiency syndrome: A discussion of etiologic hypothesis. AIDS Res. 1:157, 1983-84.

28. Manolov, G., Manolova, Y., Sonnabend, J.A., Lipscomb, H., and Purtilo, D. Aberrations in chromosomes of peripheral lymphocytes of male homosexuals predisposed to acquired immune deficiency syndrome. AIDS Res. 1:157, 1983-84.

29. Purtilo, D.T., Lipscomb, H., Harada, S., Tatsumi, E., Hinuma, Y., Karpas, A. and Sonnabend, J.A. Human T-cell leukemia virus-1 antibodies not detected in AIDS. AIDS Research 1:237-242, 1983-84.

30. Carsareale, D., Sinangil, F., Hedeskog, M., Ward, W., Volsky, D., and Sonnabend, J.A. Establishment of retrovirus-Epstein-Barr virus positive B-lymphoblastoid cell lines derived from individuals at risk for acquired immune deficiency syndrome (AIDS). AIDS Research 1:253, 1983

31. Wisecarver, J., Bechtold, T., Lipscomb, H., Davis, J., Collins, M., Sonnabend, J.A. Comparison of ADCC and NK activities of peripheral blood mononuclear cells from patients at risk for acquired immune deficiency syndrome (AIDS). AIDS Res. 1:347, 1983-84.

32. Sonnabend, J.A. The etiology of AIDS. AIDS Res.1:1, 1983-84.

33. Witkin, S.S., Bongiovanni, A.M., Yu, I.R., Goldstein, M. Wallace, J., and Sonnabend, J.A. Humoral immune responses in healthy heterosexual, homosexual and vasectomized men and in

homosexual men with the acquired immunodeficiency syndrome. AIDS Res. 1:31, 1983-84.

34. Lipscomb, H., Tatsumi, E., Harada, S., Yetz, J., Davis, J., Bechtold, T., Volsky, D., Kufzynski, C., Purtilo, D., Sonnabend, J.A,, Wallace, J., McClain, K., Metroka, C., Tubbs, R. Epstein Barr virus and chronic lymphadenopathy in male homosexuals with acquired immune deficiency syndrome. AIDS Res. 1:59, 1983-84.

35. Grimley, P.M., Kang, Y.H., Frederick, W., Rook, A.H., Kostianovski, M., Sonnabend, J.A., Macher, A.M., Quinnan, G.B., Friedman, R.M., and Masur, H. Interferon related leukocyte inclusions in acquired immunodeficiency syndrome: localization in T-cells. Am. J. Clin. Pathol. 81:147-55, Feb., 1984.

36. Sonnabend, J.A. Caution on AIDS viruses. (Letter) Nature 310:103, July 12-18, 1984.

37. Metroka, C.E., Moore, A., Sonnabend, J.A., Cunningham-Rundles, S. Risks with danazol in the acquired immunodeficiency syndrome. Ann. Intern. Med. 101:564, Oct., 1984.

38. Sonnabend, J.A., Witkin, S.S., and Purtilo, D. A multi-factorial model for the development of AIDS in homosexual men. Ann. N.Y. Acad. Sci., 437:177-183, 1984.

39. Preble, O.T., Rook, A.H., Quinan, G.V., Vilcek, J., Freidman, R.M., Steis, R., Gelmann, E.P., and Sonnabend, J.A. Role of interferon in AIDS. Ann. N.Y. Acad. Sci., 437:65, 1984.

40. Metroka, C.E., Cunningham-Rundles, S., Kim, M., Pollack, M.S., Sonnabend, J.A., Gumby, T.C., Alonso, M.L., Davis, J.M., Mouradian, J., and Witkin, S.S. Generalized lymphadenopathy in homosexual men: An update of the New York experience. Ann. N.Y. Acad. Sci. 437:400, 1984.

41. Casareale, D., Dewhurst, S., Sonnabend, J.A., Sinangil, F., Purtilo, DF., and Volsky,, D. Prevalence of AIDS-associated retrovirus and antibodies among male homosexuals at risk for AIDS in Greenwich Village. AIDS Res. 1:407, 1984-85.

42. Wisecarver, J., Bechtold, T., Collins, M., Davis, J., Lipscomb, H.L., Sonnabend, J.A., and Purtilo, D. A method for determination of antibody-dependent cellular cytotoxicity (ADCC) of human peripheral blood mononuclear cells. J. Immunol. Methods 79:277, May 23, 1985.

43. Manolov, G., Manolava Y., Sonnabend, J.A., Lipscomb, H., Purtilo, D.T. Chromosome aberrations in peripheral Lymphocytes of male homosexuals. Cancer Genet. Cytogenet., 18:337, Dec., 1985.

44. Purtilo, D.T., Kipscomb, H., Krueger, G., Sonnabend, J.A., Casareale, D., Volsky, D.J., Role of Epstein-Barr virus in acquired immune deficiency syndrome. Adv. Exp. Med. Biol. 187:53, 1985.

45. Inada, Y., Lange, M., McKinley, G.J., Sonnabend, J.A., Fonville, T.W., Kanemitsu, T., Tanaka, M., Clark, W.S. Hematological correlates and the role of erythrocyte CRI (C3b receptor) in the development of AIDS. AIDS Res. 2:235, Summer, 1986.

46. Harada, S., Purtilo, D., Koyanagi, Y., Sonnabend, J., Yamamoto, N. Sensitive assay for neutralizing antibodies against AIDS-related viruses (HTLV-III/LAV) J. Immunol. Methods 92:177, Sept. 27, 1986.

47. Saksi, K., Casareale, D., Sonnabend,J.A., Lange, M., Freidman-Kien, R.J., Klein, R.J., Vilcek, J. Predictors of AIDS in homosexual men. N. Eng. Med.(Letter) 317:245. 1987.

48. Teich, S.A., Sonnabend, J.A. Central retinal vein occlusion in a patient with AIDS. Case report. Arch. Ophthalmol. 106:1508, Nov., 1988.

49. Sonnabend, J.A. Do we need new ways to evaluate experimental AIDS treatment? AIDS Forum.1:4. 1989.
50. Sonnabend J.A. Review of AZT multicenter trial data obtained under the freedom of information act by project inform and act-up. AIDS Forum. 1:9. 1989.

51. Sonnabend, J.A. Fact and speculation about the cause of AIDS. AIDS Forum. 2:2. 1989.

52. Buimovici-Klein, E., Lange, M., Sonnabend, J.A. Decline of endogenous alpha-interferon with zidovudine. (Letter) Lancet, 339:1124, May 2, 1992.

53. Baum, C.G., Sonnabend, J.A., O'Sullivan, M. Prophylaxis of AIDS-related Pneumocystis carinii pneumonia with aerosolized pentamidine in a patient with hypersensitivity to systemic pentamidine. J. Allergy Clin. Immunol., 90-268, Aug., 1992.

54. Buimovici-Klein, E., McKinley, G.F., Lange, M., Sonnabend, J.A., Mohan, V., Grieco, M.H., Cooper, L.Z. TI modulation of alpha interferon levels by AZT treatment in HIV-seropositive patients. J. Exp. Pathol., 6:31, 1992.

55. Sonnabend, J.A., Coulston, D.R., Payne, D.L. Clarithromycin for Mycobacterium avium Complex Prophylaxis in Patients with AIDS. Infect Med 13(1):49-53,63 1996.

56. Sonnabend, J.A. Trends in AIDS-Related Opportunistic Infections. AIDS/HIV Treatment Directory
8: 8-13, Feb. 1996.

57. Samaniego, F., Markham, P., Gendelman, R., Watanabe, Y., Kao, V., Kowalski, K., Sonnabend, J., Pintus, A., Gallo, R., Ensoli, B. Vascular endothelial growth factor and basic fibroblast growth factor present in Kaposi's sarcoma(KS) are induced by inflammatory cytokines and synergize to promote vascular permeability and KS lesion development. The American Journal of Pathology 152:1433, June 1998.

58. Fiorelli, V., Gendelman R., Siriani, M., Chang, H., Colombini, S., Markham, P., Monini, P., Sonnabend, J., Pintus, A., Gallo, R., Ensoli, B. Gamma-interferon produced by CD8+ cells infiltrating Kaposi's sarcoma induces spindle cells with angiogenic phenotype and synergy with human immunodeficiency virus-1 Tat protein: an immune response to human herpesvirus-8 infection?
Blood 91(3): 956, Feb. 1998.

59. Sonnabend J The debate on HIV in Africa (Letter) The Lancet 355: 2163, June 2000

CHAPTERS IN BOOKS

1. Sonnabend, J.A., and Friedman, R.M. Mechanisms of interferon action In Interferons (N.B. Finter, Ed.), North Holland Publ.,Amsterdam, 1966,pp.203-231.

2. Friedman, R.M., Sonnabend, J.A., and Baron, S. Interferon and virus infections. Penguin Science Survey (A. Allison, Ed.) 1966.

3. Sonnabend, J.A., Martin, E.M., and Kerr, I.M. Effects of interferon on viral RNA and protein synthesis. The Interferons (G.Rita, Ed.), Academic Press, New York, 1968,pp. 161-171.

4. Sonnabend, J.A., Martin, E.M., and Mecs, E. Studies on interferon action. Interferon. A. Ciba Foundation Symposium (G.E.W. Wolstenholme, Ed.), J. & A. Churchill, Ltd., London, 1968,pp. 143-156.

5. Kerr, I.M.,Martin, E.M., Sonnabend, J.A., and Metz, D.H. Properties of ribosomes from interferon treated cells. In "L'interferon." Colloques de I'Institut National de la Sante et de la Recherche Medicale, No.6.pp.85-91. Institut National de la Sante et de la Recherche Medicale, Paris 16, 1969.

6. Sonnabend, J.A., Kerr, I.M. and Martin, E.M. Development of the antiviral state in response to interferon. Interferon (T. Merigan, Ed.), Little, Brown & Company, Boston, 1970,pp. 172-183.

7. Friedman, R.M. and Sonnabend, J.A. Factors which modify interferon assays in chick cells. Symposia Series in Immunobiological Standardization, No.14 (F.T. Perkins and R.H. Regamey, Eds.) S. Karger, Base, 1970.

8. Sonnabend, J.A. and Friedman, R.M. Mechanisms of interferon action. Interferons, (N.B. Finter, Ed), 2nd Edition, North Holland Publ., Amsterdam, 1973.

9. Kerr, I.M. Friedman, R.M., Esteban, M., Brown, R.E, Ball, A. Metz, D., Risby, D., Tovell, D.R., and Sonnabend, J.A. The control of protein synthesis in interferon-treated cells. Advances in Biosciences. Pergamon Press, 1973.

10. Sonnabend, J.A., Witkin, S.S., and Purtilo, D.T. The syndrome of of immunodeficiency: An explanation for its occurrence among homosexual men. The Acquired Immune Deficiency Syndrome and Infections of Homosexual Men. (P. Ma and D. Armstrong, Eds.) Yorke Medical Books, New York pp. 409-426, 1984.

11. Metroka, C., Cunningham Rundles, S., Sonnabend, J.A., Fernandez, R., and Mouradian, J. Generalized lymphadenopathy in homosexual men. Diseases of the Lymphatic System (D. Molander, ed.) Springer-Verlag, New York, pp.296-305, 1983.

12. Vilcek, J., Friedman-Kien, A., Henriksen-DeStefano, D., Sonnabend,J.A., Preble, O., and Friedman, R. The role of interferon in AIDS. AIDS: The Epidemic of Kaposi's Sarcoma and Opportunistic Infections. (A.E.Friedman-Kien, ed.) Masson Publishing, New York, pp.193-198, 1984.

13. Purtilo, D., Harada, S. Meuwissen, H., Lipscomb, H.L., Ochs, H., Hanto, D., Sonnabend, J.A., Manolov, G. and Manolov, Y. Epstein-Barr virus-induced diseases in immune deficient patients. Herpes Viruses, Vol.21 (Fred Rapp,ed.) Alan R. Liss, Inc., New York, 1984.

14. Sonnabend, J.A. Witkin, S.S., and Purtilo, D. The acquired immunodeficiency syndrome and Kaposi's sarcoma in homosexual men. Kaposi's Sarcoma. (D. Cerimele, ed.) Spectrum Publications, Inc., New York, pp. 55-69, 1985.

15. Volsky, D.J., Sonnabend, J.A., Casareale, D. Hypothesis: How Epstein-Barr virus (EBV) may contribute to the induction of acquired immune deficiency syndrome (AIDS) by LAV/HTLV-III. Leukemia, 1985: UCLA Symposia on Molecular and Cellular Biology. (Gale R.P. and Golde, D.W., eds.) New Series, Vol 2., Alan R. Liss, Inc. New York, 1985.

16. Purtilo, D., Lipscomb, H.L.., Harada, S., Hayes, J., Manolov, GF., Manolov, Y., Witkin, S., and Sonnabend, J.A. Etiological factors in the induction of acquired immune deficiency syndrome (AIDS). Clinical Laboratory Molecular Analyses: New Strategies in Autoimmunity, Cancer and Virology. (Robert Nakamura,ed.), Grune & Stratton, San Diego, pp. 79-195, 1985.

17. Sonnabend,J.A., Witkin, S.S., Purtilo, D. The syndrome of acquired immunodeficiency in a subset of homosexual men. Immune Deficiency and Cancer. (D. Purtilo,ed.) Plenum Publishing Company, New York, pp. 367-384.

18. Purtilo, D., Lipscomb, H.L., Kruegar, G.R.F., Sonnabend, J.A., Casareale, D., and Volsky, D.J.

The role of Epstein-Barr virus in AIDS. Adv. Exp. Med. Biol. 187:53-61, 1985.

19. Manolov, G., Manolova, Y., Sonnabend, J.A., Lipscomb, H.L., and Purtilo, D. Chromosome aberrations in peripheral lymphocytes of male homosexuals. Cancer, Genetics and Cytogenetics, 18:337-350, 1985.

20. Sonnabend, J.A. The syndrome of acquired immunodeficiency; an explanation for its occurrence among homosexual men. AIDS and Opportunistic Infections of Homosexual Men. (P. Ma and D. Armstrong, eds.) Butterworth Publishers: Stoneham, MA. 1989.

SONNABEND ABSTRACTS

Vitae(12)

1. Lipscomb H., Sonnabend J.,Harada S, et.al. Subpopulations, natural killer cell activity and mitogenic responses in patients with acquired immunodeficiency syndrome. Federation of American Societies for Experimental Biology.
Federation Proceedings 42(4). Abstract 3262. 1983

2. Purtilo D., Harada S., Sonnabend J. Human T cell leukemia virus is not associated with Acquired Immunodeficiency Syndrome or chronic lymphadenopathy in promiscuous male homosexuals.
Federation of American Societies for Experimental Biology
Federation Proceedings 43(7) Abstract 3241 1984

3. Hoffman M., Lipscomb H., Sonnabend J., Purtilo D. The effect of serum from homosexual men with AIDS on human sperm penetration of zona-free hamster ova. Federation of American Societies for Experimental Biology..
Federation Proceedings 43(7) Abstract 3340 1984

4. Volsky D., Casareale D., Sinangil F., Purtilo D., Sonnabend J. Isolation of retroviruses from individuals with Acquired Immunodeficiency Syndrome - related conditions. A prospective study in the New York City area
Federation of American Societies for Experimental Biology.
Federation Proceedings 44(5) Abstract 1718. 1985

5. Casareale D., Sinangil F., Sonnabend J., Volsky D. Establishment of human T cell leukemia virus type III and Epstein-Barr virus-positive B lymphoblastoid cell lines from peripheral blood lymphocytes of acquired immune deficiency syndrome patients. Federation of American Societies fro Experimental Biology
Federation Proceedings 44(5) 1985

6. Metroka C., Sonnabend J., Cunningham-Rundles S., Krim M.
Acid-labile Interferon-alpha in homosexual men: A preclinical marker for opportunistic Infections.
1st International Conference on AIDS Atlanta 1985. Abstract M-13

7. Lipscomb H., Sonnabend J., Saadoun S., Purtilo D. Immunological responses to Epstein-Barr virus in homosexual men with AIDS and AIDS-associated disorders.

1st International Conference on AIDS Atlanta 1985 Abstract T-20

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