CURRICULUM VITAE

RICHARD T. SILVER, M.D.

Office Addresses

The New York Hospital-Weill Cornell Medical Center 525 East 68th Street, Box 581 New York, NY 10021 Telephone: (212) 746-2855

Fax: (212) 746-2846

E-Mail: rtsilve@med.cornell.edu

Education

Cornell University, A.B., 1950 Cornell University Medical College, M.D., 1953

Medical Training

Resident in Medicine (Hematology), The New York Hospital-Cornell Medical Center, 1957-1958

Assistant Resident in Medicine, The New York-Cornell Medical Center, 1956-1957 Intern in Medicine, The New York Hospital-Cornell Medical Center, 1953-54 Clinical Associate, General Medicine Branch, National Cancer Institute, National Institutes of Health, 1954-1956

Academic Appointments

Clinical Advisor, Laboratory of Biomedical Engineering, Cornell College of Engineering, Cornell University, 2010

Professor of Medicine, Cornell University Medical College, 2002-present Clinical Professor of Medicine, Cornell University Medical College, 1973
Associate Clinical Professor of Medicine, Cornell University Medical College, 1967-1973
Assistant Clinical Professor of Medicine, Cornell University Medical College, 1962-1967
Visiting Fu bright Lecturer, University of Bahia School of Medicine, Bahia, Brazil, 1958-1959

Instructor in Medicine, Cornell University Medical College, 1958-1962 Assistant in Medicine, Cornell University Medical College, 1956-1958

Hospital Appointments

New York Presbyterian Hospital Appointments

Director, Leukemia and Myeloproliferative Center, 2002- present Attending Physician, 1973-present Associate Attending Physician, 1967-1973 Assistant Attending Physician, 1964-67 Assistant Visiting Physician 2nd (Cornell) Med. Div., Bellevue Hospital 1963-66 Physician to Outpatients, 1958-64

Board Certification

Diplomate, Medical Oncology, American Board of Internal Medicine, 1973 Fellow, American College of Physicians, 1965 Diplomate, American Board of Internal Medicine, 1962 Licensure, New York State, 1954 Diplomate, National Board of Medical Examiners, 1953

Awards and Honors

New York State Scholarship for Professional Study of Medicine, 1950-1953 Visiting Fulbright Lecturer, University of Bahia School of Medicine, Brazil, 1958-1959 Big Pi Award for Outstanding Civic Achievement, 1975 Cornell University Medical College Award of Appreciation, 1976

Pasmantier Award of the New York Cancer Society and Fund for Blood and Cancer Research for Outstanding Accomplishment and Distinguished Service to Clinical Medicine and Medical Oncology, June-1999

New York State Society of Medical Oncologists and Hematologists Award of Appreciation for Service as President 1991-2000

Richard T. Silver Distinguished Professorship in Hematology & Medical Oncology at Weill Medical College of Cornell University, 2001

Richard T. Silver Distinguished Visiting Professorship, 1998

Timothy Gee Award for Outstanding Clinician, Teacher, Mentor, Humanist presented by Sass & Strauss Foundation, May 19, 2001

Lifetime achievement award for pioneering work in clinical hematology and as Founder and Medical Director of the Cancer Research & Treatment Fund (CR&T), November 12, 2008

Distinguished Emeritus member, American Society of Hematology, March 2010 Special Appointments and Assignments, The New York Presbyterian Hospital-Weill Cornell Medical Center

Departmental of Medicine Activities

Intern Selection Committee, Department of Medicine, 2000
Member, Committee on Computerized Laboratory Medicine, 1981-83
Advisory Committee for Selection of Departmental Chairman, 1981
Member, Dean's Committee on Oncology Education, 1979-83
Member, Admissions Review Committee, 1966-67; 1979-1981
Coordinator, Clinicopathological Conference, 1963-73

<u>Divisional Activities (Hematology-Oncology)</u>

Director, Leukemia and Myeloproliferative Center, 2002- present Chairperson, Hematology-Oncology Tumor Board, 1990-1993
Director, Section of Clinical Oncology Chemotherapy Research, 1983- present Chief, Oncology Service, Div. of Hematology-Oncology, 1976-83
Program Director, Oncology Training Program, 1973-83
Principal Investigator, Clin. Chemotherapy Program in Cancer Control, 1973-80
Principal Investigator, Cancer and Leukemia Group B, 1965-present
Director, Chemotherapy Service, Div. of Hematology-Oncology, 1964-76

Cornell University

Life Member Cornell University Council, 2003
Council Committee on Student and Academic Services, 1995-present
The President's Circle, 1993 to present
Member, Cornell University Council, 1987-1992. 1993-present
Alumni Trustee Nominating Committee, 1983-1988
The Tower Club, 1980-present; Caduceus Society, 1980-present
Vice President, Cornell University Alumni Association, 1980

Cornell University Medical College

Clinical Advisor, College of Biomedical Engineering, Cornell University, 2010

Senior Advisor, Cornell Medical College Alumni Association, 1976-present Trustee, Cornell Medical College Alumni Council, 1976-80 President, Cornell Medical College Alumni Association, 1973-76 Vice-President, Cornell Medical College Alumni Association, 1972-73 Editor, Cornell Medical College Alumni Quarterly, 1962-69 Associate Editor, Cornell Medical College Alumni Quarterly, 1960-62

National Institutes of Health, National Cancer Institute

Review Board Memberships

External Site Review, Cancer Therapy Evaluation Section, June, (MD Anderson), 2003

Consultant, Cancer Chemotherapy Investigative Review Board (Site Visit to Southwest Oncology Group) 1980

Member, Clinical Trials Committee, 1979-1981

Member, Combined Modality Committee of the Division of Cancer Treatment, 1977-1979

Special Site Visitor, Medicine A, Roswell Park Memorial Institute, July, 1976

Polycythemia Vera National Study Group

Member, Polycythemia Vera National Study Group, 1967-1979 Co-Chairman, Morphology Committee, Polycythemia Vera National Study Group, 1967-1979

Cancer and Leukemia Group B

Chairman, Chronic Leukemia Committee, 1965-1976
Group Vice Chairman, 1976-1981
Chairman, Publications Committee, 1976-1981
Member, Executive Committee, 1976-1985
Principle Investigator, NYH-Cornell, 1963-1997
Member, Membership Committee, 1985-1989
Member, Committee on Community Cancer Centers, 1991
Chairman, Nominating Committee, 1991
Member, 1957 to present

<u>International Congress on Myeloproliferative Diseases and Myelodysplastic Syndromes</u>

Chair and Convener, 2001- present

Congress 1, New York, October 2001

Congress 2, New York, October 2003

Congress 3, Washington, DC, November, 2005

Congress 4, New York, 2007

Congress 5, New York, 2009

American Society of Clinical Oncology

Member, Committee on Clinical Practice, 1976 Chairman, Program Committee, 1977 Member, Committee on Public Affairs, 1981-1983

American Society of Hematology

Development Committee, 2002 - 2006 Session Chairman, Myeloproliferative Diseases, Annual Meeting, 2006 Meet-the-Expert Session, Polycythemia Vera, Annual Meeting, 2006. Emeritus status, 2009.

International Society of Hematology

Chairman, Bone Marrow Biopsy Workshop, XV Congress, Jerusalem, 1974
Invited Lecturer, "Agnogenic Myeloid Metaplasia," XVIII Congress, Montreal, 1980
Member, International Advisory Committee, XX Congress, Buenos Aires, 1984
Invited Lecturer, "Chronic Leukemia," "Refractory Anemias," XX Congress, Buenos Aires, 1984

Invited Lecturer, "Thrombocytosis Refractory to Hydroxyurea in Chronic Myeloid Leukemia (CML) Responds to Anagrelide," London, England, August, 1992

Invited Chair and Speaker: Treatment of the Myeloproliferative Disease, Durban South Africa, 1999

Invited Chair and Speaker: Current Concepts and Treatment of the Myeloproliferative Diseases, Seoul, Korea, 2002

Invited Chair and Speaker: "XVII Meeting of the International Society of Haematology – European and African Division", Graz, Austria, September, 2003

New York State Society of Medical Oncologists and Hematologists

Member, Executive Committee, 1991- present

Cancer Advisory Committee, American Society of Hematology, 1997-2001

President, 1991 - 2000

Cancer Advisory Committee, Medicare, New York State, 1993-1998

Special Advisory Policy Committee for Medical Oncology Issues, Empire Blue Cross/Blue Shield, 1993-1996

European LeukemiaNet

Member, Guidelines Committee for Chronic Myeloid Leukemia Appointed July 1, 2004 – Present

International Working Group (IWG) for Myelofibrosis Research and Treatment (MRT)

Member, 2006 – present

International Myeloproliferative Disease Research Consortium (NIH)

Principal Investigator for Weill Cornell Medical Center

Chair, Membership Committee

PUBLICATIONS

Books

- 1. Silver RT: Morphology of the blood and marrow in clinical practice. Grune and Stratton, Inc., New York, NY, 1970.
- Silver RT, Lauper RD, Jarowski CI: A synopsis of cancer chemotherapy. Dun-Donnelley Publishing Corp., New York, 1977.
- 3. Silver RT, Editor: Clinical Topics in Cancer: Diagnosis and Treatment, LeJacq Publishing Co., 1982.
- 4. Silver RT and Tefferi A. Myeloproliferative Disorders. Silver RT and Tefferi A (eds). Informa Healthcare, New York, 2007.

Chapters

- 1. Silver RT: Polycythemia. In: Difficult Problems in Internal Medicine, J.E. Barondess (Ed), Williams and Wilkins Press, 1971, pp. 442.
- 2. Coleman M, Silver RT: Chemotherapy of plasma cell myeloma and related disorders. In: antibiotics and Chemotherapy, H.S. Grenzach, R.W. Brockman, F.E. Hahn (Eds), Basel W, Karger S: Vol. 18, Chapt. 4, 1973, pp. 103-106.
- 3. Silver RT: Leukemoid reactions. In: Textbook of medicine, Beeson and McDermott (Eds), W.B. Saunders Co., Philadelphia, 1975, pp. 1484-85.
- 4. Silver RT: Myeloproliferative disorders. In: Textbook of Medicine, Beeson and McDermott (Eds), W.B. Saunders Co., Philadelphia, 1975, pp. 1497-98.
- 5. Silver RT: Chronic lymphocytic leukemia: Proposed guidelines for protocol studies. In: Cancer Therapy: Prognostic Factors and Criteria of Response. M.J. Staquet, Raven Press, New York, 1975.
- 6. Silver RT: Treatment of the chronic leukemias. In: Clinical Cancer Chemotherapy, E.M. Greenspan (Ed), Raven Press, New York, 1975.
- 7. Silver RT: The chronic leukemias. In: Current Therapy, H.F. Conn (Ed), W.B. Saunders Co., 1976, pp. 311-316.

- 8. Pasmantier MW, Coleman M, Silver RT, Birnbaum SJ: Endometrial cervical and vulva cancer. In: Randomized Trials in Cancer: A Critical Review by Sites, M.J. Staquet (Ed), Raven Press, 1978.
- 9. Silver RT, Lauper RD, Jarowski CI: Recent advances in cancer chemotherapy. In: Cornell Medical Update, L.A. Wallis (Ed), Yorke Medical Books, Dun-Donnelley Publishing Corp., 1978, pp. 90-98.
- 10. Silver RT, Lauper RD, Jarowski CI: Compendium of antineoplastic agents. In: Cornell Medical Update, L.A. Wallis (Ed), Yorke Medical Books, Dun-Donnelley Publishing Corp., 1978, pp. 99-135.
- 11. Silver RT: Leukemoid reactions, pp. 917; myeloproliferative disorders, pp. 943; Agnogenic myeloid metaplasia. In: Cecil, Textbook of Medicine, J.D. Wyngaarden, L.H. Smith (Eds), W.B. Saunders Co., Philadelphia, 1982.
- 12. Silver RT, Lauper RD, Jarowski CI: A Synopsis of Cancer Chemotherapy. Yorke Medical Books, 2nd edition, 1986.
- 13. Silver RT: The chronic leukemias. In: Conn Current Therapy, R.E. Rakel (Ed), W.B. Saunders Company, 1986, pp. 330-336.
- 14. Stenzel KH, Wang J, Walle A, Suthanthiran M, Silver RT, Novogrodsky A: Adoptive immunotherapy for renal adenocarcinoma: Use of oxidizing mitogen-treated mononuclear leukocytes and continuous infusion of interleukin-2. In: Progress in Regional Cancer Therapy, R. Jakesz/H. Rainer (Eds), Springer-Verlag, Berlin-Heidelberg, 1990, pp. 304-309.
- 15. Silver RT: Agnogenic myeloid metaplasia. In: Current Diagnosis, Rex Conn (Ed), W.B. Saunders Co, 1991, pp. 581-583.
- 16. Silver RT: Chronic myeloid leukemia. In: Cancer Medicine, Third Edition, John Spahr, Jr. (Ed), Lea & Febiger, 1993, pp. 1934-1942.
- 17. Silver RT: Chronic myeloid leukemia. In: Conn's Current Therapy, R.E. Rakel (Ed), W.B. Saunders Company, 1994, pp. 404-407.
- 18. Silver RT (Guest Editor): New approaches to the treatment of cancer-related anemia. Monograph, Seminars in Oncology, 21(2)suppl.3:April, 1994.
- 19. Silver RT: Polycythemia Vera. In: Conn's Current Therapy, R.E. Rakel (Ed), W.B. Saunders Company, 1995, pp. 387-389.
- 20. Silver RT: The anemia of malignancy; issues and treatment. Monograph, Publishers, Ortho Biotech, June, 1995.
- 21. Talpaz M. Giles F, Goldman JM, Silver RT, Tura S: Current perspective on the management of chronic myelogenous leukemia. Monograph, (Proceedings of a Consensus Roundtable, 9/23/95, Washington, D.C.), Publishers, Scienta Healthcare Education, Sept. 1996.
- 22. Silver RT: The Myeloproliferative Disorders and their Treatment with interferon Alfa. Molecular Biology of Hematopoiesis, 1996, pp.571-576.

- 23. Silver RT: Chronic myeloid leukemia. Cancer Medicine, 4th edition, Holland, Bast Morton, et al (Eds), Williams & Wilkins, 1997, pp. 2651-2661.
- 24. Silver RT: Polycythemia Vera and Other Polycythemia Syndromes. Current Diagnosis, 9th Edition; W.B. Saunders Co., 1997. pp. 505-509.
- 25. Lichtin AE, Woolf SH, Silver RT, Hehlmann R. Chronic Myeloid Leukemia—ASH Practice Guideline and Beyond. American Society of Hematology Education Program Book,1998, pp. 433-453.
- 26. Silver RT: Chronic Myeloid Leukemia: Practice Guidelines. Trends in Onco-Hematology, Volume 6, 60, December 1998. Selected reports from the 40th annual meeting of Miami, USA.
- 27. Silver RT: Chronic myeloid leukemia. Conn's Current Therapy, 1999 Edition. Robert E. Rakel (Ed), W.B. Saunders Co., 1999, pp.426-428.
- 28. Silver RT: Polycythemia. Saunders Manual of Medical Practice, Edition 2. Ed. R. E. Rakel (Eds), W. B. Saunders Co., 2000, pp. 797-799.
- 29. Carella AM, Daley GQ, Siler, RT, Goldman JM, Hehlmann R: Chronic Myeloid Leukemia-Biology and Treatment. Martin Dunitz Ltd., UK, 2001, pp. 225-237.
- 30. Silver RT: Evidence-based guidelines for the treatment of chronic-phase chronic myeloid leukemia. Chronic Myeloid Leukemia, Carello, Daley, Eaves, Goldman & Hellmann (Eds), Martin Dunitz Ltd., 2001, pp. 225-237
- 31. Silver RT: Chronic Myeloid Leukemia. Cancer Management: A Multidisciplinary Approach handbook, 6th edition, Jorge E. Cortes, Hagop Kantarjian (Eds), PPR, Inc., 2002, pp. 709-720
- 32. Silver RT, Frei E: Chronic Myeloid Leukemia, Clinical Practice of Hematology and Oncology. B. Furie, P. Cassileth, M. Atkins, RJ. Mayer (Eds). W.B. Saunders Co., Philadelphia, PA, 2003, pp. 671.
- 33. Silver RT: Chronic Myeloid Leukemia, Holland-Frei Cancer Medicine^e.6, edited by: D. Kufe, R. Pollock, R. Weichselbaum, R. Bast, Jr., J. Holland and E. Frei, III, BC Decker Inc., Hamilton, London, 2003, pp. 2117.
- 34. Cortes JE, Silver RT, and Kanarjian H: Chronic Myelogenous Leukemia. Cancer Management: A Multidisciplinary Approach, 9th edition, Pazdur R, Coia L, Hoskins WJ, and Wagman LD (Eds), CMP United Business Media, New York, NY, pp. 797-810, 2005.
- 35. Cortes J, Silver RT, Kantarjian H: Chronic Myeloid Leukemia. Holland-Frei Cancer Medicine^e.7, D. Kufe, R. Pollock, R. Weichselbaum, R. Bast, Jr., J. Holland and E. Frei, III (Eds), Chapter 114, pp. 1761-1771, BC Decker Inc., Hamilton, London, 2006.
- 36. Cortes JE, Silver RT, and Kanarjian H: Chronic Myelogenous Leukemia. Cancer Management: A Multidisciplinary Approach. 10th edition, Pazdur R, Coia L, Hoskins WJ, and Wagman LD (Eds), CMP United Business Media, New York, 2006, Chapter 33, Section 34 pp. 1-11.

- 37. Silver RT: Clinical Features and Making the Diagnosis. Chronic Myeloproliferative Diseases in Clinical Malignant Hematology, Sekeres M, Kalaycio ME, Bolwell BJ (Eds), McGraw Hill, 2007, pp 461-467.
- 38. Cortes J, Silver RT, Kantarjian H: Chronic Myelogenous Leukemia. Cancer Management: A Multidisciplinary Approach, 10th edition, Pazdur R, Coia L, Hoskins WJ, and Wagman LD (Eds), CMP Healthcare Media, 2007 2008, pp. 789-804.
- 39. Cortes J, Silver RT, Kantarjian H: Chronic Myeloid Leukemia. In: Cancer Medicine 7 (eds) Holland-Frei; Kufe D, Pollock R, Weichselbaum R, Bast R; BC Decker Inc. Hamilton, London, Chapter 114, pp. 1761-1771.
- 40. Silver RT and Tefferi A. Biology and Management. In: Myeloproliferative Disorders. Silver RT and Tefferi (eds). Informa Healthcare, New York, 2007.
- 41. Sirhan S, Silver RT. Management of Polycythemia Vera. In: Myeloproliferative Disorders. Silver RT and Tefferi A (eds). Informa Healthcare, New York, 2007, p. 87.
- 42. Silver RT. Polycythemia vera and other polycythemia syndromes. In: Rare Hematological Malignancies. Ansell SM (ed)Springer Science and Business Media LLC, 2008.
- 43. Silver RT: The Blast Phase of Chronic Myeloid Leukemia. In: Best Practice & Research Clinical Haematology. 2009.
- 44. Cortes JE, Silver RT, and Kantarjian H: Chronic myeloid leukemia. In: Cancer Management: A Multidisciplinary Approach. 2009. pp.1-16. 11th Edition.

Articles

- 1. Wells CE, Silver RT: The neurologic manifestations of the acute leukemias: a clinical study. Pediatric Current in Nutrition and Medicine. 1957; 6:22.
- 2. Wells CE, Silver RT: The neurologic manifestations of the acute leukemias: a clinical study. Ann Int Med. 1957 Mar; 46(3):439-49.
- 3. Silver RT, Beal G, Schneiderman H, McCullough NB: The role of the mature neutrophil in bacterial infections in acute leukemia. Blood. 1957 Sep; 12(9):814-21.
- 4. Silver RT, Utz J, Frei E, McCollough N: Fever, infection and host resistance in acute leukemia. Am J Med 1958 Jan; 24(1):25-39.
- 5. Watkin D, Silver RT: Nitrogen, mineral, uric acid and basal metabolism in a case of adult acute leukemia with extensive osteolytic bone disease. Am J Med. 1958 Apr; 24(4):638-47.

- 6. Frei E, Holland J, Schneiderman M, Pinkel D, Selkirk G, Freireich E, Silver RT, Gol L, Regelson W: A comparative study of the regimens of combination chemotherapy in acute leukemia. Blood. 1958 Dec; 13(12):1126-48.
- 7. Ellison RR, Silver RT, Engle RL Jr: Comparative study of 6-chloropurine and 6-mercaptopurine in acute leukemia in adults. Ann Intern Med. 1959 Aug; 51:322-38.
- 8. Silver RT: Sojourn in Brazil, Cornell Alumni Bulletin, 1959.
- 9. Silver RT, Utz J, Fahey J, Frei E: The nature of the antibody response in acute leukemia. J Lab & Clin Med. 1960; 56:634.
- 10. Silver RT, Kellner A, Haber J: Evidence for a new allele in the Kidd blood group system. Nature. 1960 May 7; 186:481.
- 11. Silver RT, Pedreira L, Korngold L, Engle RL: Studies of the serum protein abnormalities in kala azar. Proc Soc for Experimental Biol and Med. 1961; 106:365.
- 12. Silver RT, Utz J, Fahey J, Frei E: The nature of the antibody response in acute leukemia. Modern Med. 1961; 29:100.
- 13. Silver RT: Medical adventures in the Upper Xingu. Cornell University Medical College Alumni Bulletin. Winter 1968; pp. 3-8. Also: Bibl Haematol. 1962; 13:167-9.
- 14. Silver RT, Haber J, Kellner A: Blood group studies of jungle Indians of Mato Grosso. Transfusion. 1962 Mar-Apr; 2:110-4.
- 15. Pedreira L, Engle RL, Silver RT: Studies of the plasma proteins in pregnancy using starch zone electrophoresis. Clin Chim Acta. 1962 Sep; 7:710-3.
- 16. Silver RT: Infection, fever and host resistance in neoplastic diseases. J Chron Dis. 1963 Jul; 16:677-701.
- 17. Silver RT, Jenkins D, Engle RL: Use of testosterone and busulfan in the treatment of myelofibrosis with myeloid metaplasia. Blood. 1964 Mar; 23:341-353.
- 18. Silver RT: Bone marrow aspiration and biopsy. GP. 1965 Mar; 31:100-6.
- 19. Silver RT: Bone marrow biopsy. Medical Digest. 1966; 825:50.

- 20. Nachman RL, Horowitz HL, Silver RT: Platelet amino acids in essential thrombocytosis. Blood. 1966 May; 27(5):715-21.
- 21. Karanas A, Silver RT: Natural history of the terminal phase of chronic granulocytic leukemia. Proc Amer Assoc Cancer Res. 1966; 7:65.
- 22. Silver RT, Keuhnelian J, Jenkins DE Jr, Engle RL Jr, Marshall VF: Influence of testosterone on the development of bone marrow at sites of transplanted bladder mucosa. Invest Urol. 1967 Jan; 4(4):314-20.
- 23. Kyle RA, Carbone PP, Lynch JJ, Owens AH, Costa G, Silver RT, Cuttner J, et al: Evaluation of tryptophan mustard in patients with plasmacytic myeloma. Cancer Res. 1967 Mar; 27(3):510-5.
- 24. Carbone PP, Spurr C, Silver RT, et al: Management of patients with malignant lymphoma. A comparative study with cyclophosphamide and vinca alkaloids. Cancer Res. 1968; 28:811.
- 25. Webb DI, Silver RT: Hodgkin's disease: Value of bone marrow biopsy. N Engl J Med. 1968 Jul 4; 279(1):46.
- 26. Karanas A, Silver RT: Characteristics of the terminal phase of chronic granulocytic leukemia. Blood. 1968 Sep; 32(3):445-59.
- 27. Ellison RR, Holland JF, Weil M, Silver RT, et al: Arabinoside cytosine: a useful agent in the treatment of acute leukemia in adults. Blood. 1968 Oct; 32(4):507-23.
- 28. Levin WC, Griffith K, Huguley CM, Silver RT, Karanas A, et al: Proposed guidelines for protocol studies: Chronic lymphocytic leukemia. Cancer Chemotherapy Report. 1968: 1:41.
- 29. Hoogstraten B, Silver RT, et al: Combination chemotherapy in lymphosarcoma and reticulum cell sarcoma. Blood. 1969; 33:370.
- 30. Silver RT: Treatment of chronic lymphocytic leukemia. Sem in Hematol. 1969 Oct; 6(4):344-56.
- 31. Webb DI, Ubogy G, Silver RT: Importance of bone marrow biopsy in the clinical staging of Hodgkin's disease. Cancer. 1970 Aug; 26(2):313-7.

- 32. Fratantoni JC, Silver RT: Autoimmune hemolytic anemia and Gaucher cells. Proc Amer Soc Hematol. 1970; 13:312.
- 33. Ohnuma T, Rosner R, Levy RN, Cuttner J, Moon JH, Silver RT, et al: Treatment of adult leukemia with L-asparaginase (NSC-109229). Cancer Chemotherapy Rep. 1971 Jun; 55(3):269-75.
- 34. Silver RT: Ineffectiveness of fluoride therapy in multiple myeloma. A CALGB study. N Engl J Med. 1972; 285:1283.
- 35. Ellison RR, Hoogstraten B, Holland JF, Silver RT, et al: Intermittent therapy with 6-mercaptopurine (NSC-755) and methotrexate (NSC-740) given intravenously to adults with acute leukemia. Cancer Chemotherapy Rep, part I. 1972 Aug; 56(4):535-42.
- 36. Well M, Glidewell OJ, Jacquilat C, Levy R, Silver RT, et al: Daunorubicin in the therapy of acute granulocytic leukemia. Cancer Res. 1973 May; 33(5):921-8.
- 37. Kyle RA, Costa G, Cooper MR, Ogawa M, Silver RT, et al: Evaluation of aniline mustard in patients with multiple myeloma. Cancer Research. 1973 May; 33(5):956-60.
- 38. Smith J, Pasmantier M, Silver RT, et al: Selective versus routine laparotomy in the staging of Hodgkin's disease. JAMA. 1973 May 14; 224(7):1026-8.
- 39. Vinciguerra V, Silver RT: The importance of bone marrow biopsy in the staging of patients with lymphosarcoma. Blood. 1973 Jun; 41(6):913-20.
- 40. Cucin RL, Coleman M, Eckardt JJ, Silver RT: The diagnosis of miliary tuberculosis: utility of peripheral blood abnormalities, bone marrow and liver needle biopsy. J Chron Dis. 1973 Jun; 26(6):335-61.
- 41. Silver RT, Nisce L, Hoogstraten B, et al: Combination chemotherapy-radiotherapy for stage III Hodgkin's disease. A CALGB study. Arch Int Med. 1973; 131:424I.
- 42. Costa G, Engle RL, Schilling A, Silver RT, et al: Melphalan and prednisone: An effective combination for the treatment of multiple myeloma. A CALGB study. Am J Med. 1973; 54:589.

- 43. Silver RT, Stutzman L, Glidewell O, et al: Multiple chemotherapeutic agents for Hodgkin's disease. A CALGB study. JAMA. 1973; 225:1202.
- 44. Coleman M, Silver RT. The chemotherapy of plasma cell myeloma and related disorders. Antibiot Chemother. 1974; 18:112-47.
- 45. Sharer LR, Barondess JA, Silver RT, Gray GF: Association of Hodgkin's disease and Gaucher's disease. Arch Pathol. 1974 Dec; 98(6):376-8.
- 46. Pasmantier MW, Coleman M, Silver RT. Diagnosis of plasma cell myeloma. Am Fam Physician. 1975 Jan; 11(1):76-81.
- 47. Drout D, Moore A, Rothman H, Silver RT, Eisnmenger W: Acute hemolytic episodes 37 years apart. N Engl J Med. 1975 Jan 23; 292(4):213.
- 48. Kyle RA, Seligman BR, Wallace HJ Jr, Silver RT, Glidewell O, Holland JF. Mutiple myeloma resistant to melphalan (NSC-8806) treated with cyclophosphamide (NSC-26271), prednisone (NSC-10023), and chloroquine (NSC-187208). Cancer Chemother Rep. 1975 May-Jun; 59(3):557-62.
- 49. Ellis JT, Silver RT, Coleman, Geller SA: The bone marrow in polycythemia vera. Sem in Hematol. 1975 Oct; 12(4):433-44.
- 50. Cuttner J, Wasserman LR, Martz G, Sonntag RW, Kyle RA, Silver RT, et al: The use of low-dose prednisone and melphalan in the treatment of poor risk patients with multiple myeloma. Med and Ped Oncol. 1975; 1(3):207-16.
- 51. Carey RW, Ribas-Mundo M, Ellison RR, Glidewell O, Lee ST, Cuttner J, Levy RN, Silver RT, et al: Comparative study of cytosine arabinoside therapy alone and combined with thioguanine, mercaptopurine, or daunorubicin in acute myelocytic leukemia. Cancer. 1975; 36:1560.
- 52. Silver RT, Coleman M: Chronic leukemia in adults. Continuing Education for the Family Physician. 1976; 4:28-35.
- 53. Pasmantier MW, Coleman M, Silver RT: Chemotherapy of non-Hodgkin's lymphoma. Med Clin North Am. 1976 Sep; 60(5):1043-1052.

- 54. Coleman M, Lightdale CJ, Vinciguerra VP, Degnan TJ, Goldstone MJ, Horowitz ST, Winawer SJ, Silver RT: Peritoneoscopy in Hodgkin's disease: Confirmation of results by laparotomy. JAMA. 1976; 236:2634-2636.
- 55. Sawitsky A, Rai KR, Aral I, Silver RT, et al: Mediastinal irradiation for chronic lymphocytic leukemia. Am J Med. 1976 Dec; 61(6):892-6.
- 56. Vinciguerra V, Coleman M, Jarowski CI, Degnan TJ, Silver RT: A new combination chemotherapy for resistant Hodgkin's disease. JAMA. 1977; 237:33-35.
- 57. Pasmantier MW, Coleman M, Silver RT: Value of biopsy in diagnosis of primary lymphosarcoma of marrow. Arch Int Med. 1977; 137:52-54.
- 58. Fialk MA, Coleman M, Grant MD, Pasmantier MW, Silver RT: Case report: Splenectomy in patients with Hodgkin's disease and marrow hypoplasia. Am J Med Sci. 1977 Jul-Aug; 274(1):87-91.
- 59. Silver RT, Young RC, Holland JF: Some new aspects of modern cancer chemotherapy. Am J Med. 1977 Nov; 63(5):772-87.
- 60. Turman S, Coleman M, Silver RT, Pasmantier M: High dose methotrexate with citrovorum factor in adult resistant lymphoma. Cancer. 1977; 40:2823.
- 61. Pasmantier MW, Coleman M, Kennedy BJ, Eagan R, Carolla R, Weiss R, Leone L, Silver RT: Piperazinedione in metastatic renal carcinoma. Cancer Treatment Rep. 1977; 61:1731.
- 62. Pasmantier MW, Coleman M, Silver RT, Birnbaum SJ: Endometrial, cervical and vulva cancer. Randomized trials in cancer: A critical review by sites edited by Maurice J. Staquet, Raven Press, NY, 1977.
- 63. Sawitsky A, Rai KR, Glidewell O, Silver RT: Comparison of daily versus intermittent chlorambucil and prednisone therapy in the treatment of patients with chronic lymphocytic leukemia. A CALGB study. Blood. 1977 Dec; 50(6):1049-59.
- 64. Jarowski CI, Fialk MA, Murray HW, Gottlieb GJ, Coleman M, Steinberg CR, Silver RT: Fever, rash and muscle tenderness: A distinctive clinical presentation of disseminated candidiasis. Arch Int Med. 1978; 138:544-6.

- 65. Maurice P, Glidewell O, Jacquillat C, silver RT, Et al: Comparison of methyl-CCNU and CCNU in patients with advanced forms of Hodgkin's disease, lymphosarcoma, and reticulum cell sarcoma. Cancer. 1978 May; 41(5):1658-63.
- 66. Brogadir S, Fialk MA, Coleman M, Vinciguerra V, Degnan T, Pasmantier M, Silver RT: Morbidity of staging laparotomy in Hodgkin's disease. Am J Med. 1978; 64:429-33.
- 67. Wolf DJ, Silver RT, Coleman M: Factors associated with prolonged survival in chronic myeloid leukemia. Cancer. 1978 Oct; 42(4):1957-63.
- 68. Wolf DJ, Silver RT, Coleman M: Splenectomy in chronic myeloid leukemia: A review. Ann Intern Med. 1978 Nov; 89(5 Pt1):684-9.
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- 149. Alchberger KJ, Fleischman AG, Doratotaj S, Bumm TGP, Silver RT, Deloughery TG, Pahl HL, Druker, BJ, Burns CJ, and Deininger M. Tumor Necrosis Factor-Alpha (TNF) Expression is Elevated in Myelo-Proliferative Neoplasms (MPN) and Modulated by Inhibition of JAK2 V617F. 51st ASH Annual Meeting, New Orleans, Louisiana, December 5-7, 2009; Abstract 2917; pp1140.
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- 151. Goldman JJ, Vandris K, Adriano F, Bourla M, and Silver RT. Normal Serum-Erythropoeitin (S-epo) Level at Diagnosis of Polycythemia Vera (PV) Correlates with Low *JAK2*^{V617F} Mutant Allele Burden and Indicates Mild Phenotype. Blood (ASH Annual Meeting Abstracts), Nov 2009; 114: 4978.
- 152. Silver RT. Is A Decrease In *JAK2*^{V617F} Allele Burden A Prerequisite To Clinical Response in patients With Polycythemia Vera?, 4th Annual Workshop on CML and MPN, Natchez, Mississippi, December 8-10, 2009.
- 153. Schleuning M, Scholten M., Biezen A. V., Nagler A., Apperley J, Michallet M, Grigg A, Silver R, Ekblom M, Khouri H.J., de Witte T., Olavarria E.: Allogeneic Stem Cell

- Transplantation for Patients with Chronic Myeloid Leukemia after Prior Treatment with Nilotinib or Dasatinib. (Submitted) December 2010.
- 154. Verstovsek S, Mesa, R, Gotlib J, Levy R, Gupta V, DiPersio J, Catalano J, Deininger M, Miller C, Silver RT, Talpaz M, Winton E, Harvey J, Vaddi K, Erickson-Viitanen S, Koumenis I, Sun W, Sandor V, Kantarjian H. ASCO 2011 abstract for INCB 18424-351 (COMFORT-I). Chicago, IL June 2011

INVITED LECTURES: (International)

<u> 1975</u>

"Treatment of Leukemia," V Brazilian Hematology Congress, Recife, July, 1975
"Agnogenic Myeloid Metaplasia," Royal Free Hospital, London, England, October 1975

<u>1977</u>

Third Surgical Clinic, Semmelweill University of Medicine, Budapest, Hungary, "Chemotherapy of Breast Cancer," 1977

<u> 1979</u>

Second Medical College of Shanghai, China, "Treatment of Leukemia," October 1979

Medical College of Chengchow, Shanghai, China, "Modern Chemotherapy of Cancer," October 1979

Medical School of Wuhan, China, "Treatment of Leukemia," October 1979

<u>1981</u>

VIII Brazilian Hematology Congress, Salvador, Brazil, 1981, "Treatment of Acute Leukemia," "Treatment of Chronic Leukemia," "Treatment of Malignant Lymphomas"

1984

Invited Delegate, International Conference on Mitoxantrone, Monaco, October 1984 Chronic Leukemia, XX Congress of the International Society of Hematology, Buenos Aires, September 3, 1984.

Refractory Anemia, XX Congress of the International Society of Hematology, Buenos Aires, September 4,1984.

1985

14th International Congress of Chemotherapy, Kyoto, Japan, June 1985, "Mytoxantrone and Malignant Lymphomas"

"Mitoxantrone in the treatment of non-Hodgkin's lymphoma: A Phase II study," 14th International Congress of Chemotherapy, Kyoto, Japan, June 25, 1985.

1987

XI Brazilian Congress of Cancerology, Florianopolis, Brazil, November 1987, "Current Treatment of Leukemias and Lymphomas."

1992

Thrombocytosis Refractory to Hydroxyurea in Chronic Myeloid Leukemia (CML) Responds to Anagrelide: International Society of Hematology, London, England, August 21, 1992.

Thrombocytosis Refractory to Hydroxyurea in Chronic Myeloid Leukemia (CML) Responds to Anagrelide: Chronic Myeloid Leukemia – 2nd International Congress, Bologna, Italy, October 5, 1992.

<u>1994</u>

Visiting Professor,

Hadassah Hospital, March 22, 1994, Jerusalem, Israel: New Treatment of Polycythemia Vera

Israel Hematology Society, Herzlia, Israel, March 21, 1994

- Interferon-Alpha and Low Dose Ara-C or the Treatment of Chronic Myeloid Leukemia
- Use of Anagrelide in Myeloproliferative Disorders

1995

9th International Symposium Molecular Biology of Hematopoiesis: Interferon in Myeloproliferative Diseases, June 24, 1995; Chaired session on Thrombopoietin II, June 27, 1995. Genoa, Italy.

1997

10th Symposium on Molecular Biology of Hematopoiesis and Treatment of Leukemias and Lymphomas, Chairman, Hamburg, Germany, July 2-6, 1997.

1998

International Congress on Myeloproliferative Diseases, Rotterdam, Holland, Program: "Treatment of Polycythemia Vera with Interferon", March 13-14, 1998.

"Interferons and Cryoglobulinemias", International Conference on Interferons, Chairman Venice, Italy, March 16-18, 1998.

1999

- International Symposium on Chronic Myeloid Leukemia, Biarritz, France, "Chronic Myeloid Leukemia: ASH Practice Guidelines" July 7-9, 1999.
- XV th Meeting of the International Society of Hematology, African & European Division Educational & Symposium Programs. Treatment of Polycythemia Vera with Interferon rIFNα, Durban, South Africa, September 18 23, 1999.

2000

European Society of Hematology Conference on Chronic Myeloid Leukemia, Chairman, Rapallo, (Portifino), Italy, September 22 – 25, 2000.International Meeting on STI-571, Geneva, November 2000.

2002

- The First Como Conference on Myeloproliferative Disorders, Loveno di Menaggio, Italy, September 13-17 2002
- European School of Haematology International Conference on chronic myeloid leukemia, Rapallo, Italy, September 26-29.

2003

- International Workshop on Chronic Myeloid Leukemia. Invited participant, Rapallo, Italy. September 19-22.
- International Society of Hematology, XVII Congress. Session Chair: Myeloproliferative Disease and Participant, Ibid, Graz Austria, September 7-10.

2004

- European Workshop on the Myeloproliferative Diseases. Rotterdam, the Netherlands. May 12-16.
- Session Chair, International CML Myeloproliferative Diseases, New Trends in Treating, Diagnosing CML, Germany National Study Group, Heidelberg, Germany, July 1-4.
- European LeukemiaNet CML-Workshop on CML-Guidelines-Methods and Goals, Heidelberg, Germany, July 2-3.
- European School of Haematology International Conference on Myeloproliferative Disorders. Cascais, Portugal, September 10-12.

2005

Invited Guest, Brazilian Hematology Congress, Rio de Janeiro, November 3-6.

Invited Lecturer, International Session Chair, Third European School of Haematology International on Chronic Myeloid Leukaemia in the 21st Century. Genoa, Italy, November 11-13.

2006

- Session Chair, Member, and Invited Lecturer: Evolving concepts in the management of chronic myeloid leukemia," Expert Panel on Behalf of The European LeukemiaNet, Evolving Concepts in the Management of Chronic Myeloid Leukemia, Venice, Italy, May 8-9.
- Invited Lecturer, Plenary Address: "Polycythemia vera in 2006. " European Society of Haematology, Second ESH Euroconference on Myeloproliferative Disorders: Molecular Pathogenesis and Therapy. Plenary Address. Madeira, Portugal, September 14-16.
- Grand Rounds. Some Aspects of Polycythemia Vera in 2006. Barcelona, Spain, September 7, 2006.
- Lecturer, "Treatment of Polycythemia." Tenth Annual Winter Oncology Conference: International Congress on Hematological Malignancies Focus on Leukemias, Lymphomas, and Myelomas, Whistler, British Columbia, Canada, February 15-19.
- Invited Faculty and Lecturer: "Guidelines in CML." First Annual Global CML Workshop: The Future. Hamilton, Bermuda, December 15-16.

2007

Faculty member and Invited Lecturer, 11th Annual Winter Oncology Conference, Update on theTreatment of Polycythemia Vera and Essential Thrombocythemia, Chateau Whistler, Whistler,

BC, Canada,

February 14-18, 2007.

Invited Faculty, European School of Hematology, Chronic Myeloid Leukemia: Prospects for the 21st Century,

> Mandelieu, France, September 28-30, 2007.

Invited Faculty and Lecturer, European LeukemiaNet, Chronic Myeloid Leukemia, Blast Phase, Budapest, Hungary, October 17-24, 2007.

Invited Lecturer, Second Annual Global CML Workshop, Evaluation of the *JAK2* Burden: The Role of *JAK2* Fin Polycythemia Vera, San Juan, Puerto Rico, December 12-13, 2007.

Special Invited Lecture:

Invited Lecturer, Menarini Foundation Meeting, Focus in Hematology: Myeloproliferative and Myelodysplastic Syndromes, Plenary Lecture: Polycythemia Vera - from the PVSG Studies to the *JAK2*^{V617F} Mutation, Bergamo, Italy, September 20-22, 2007.

2008

Invited Lecturer, European School of Hematology Meeting, Athens, Greece. Reccombinant interferon alpha (αIFN2) may retard progression of early primary myelofibrosis (PM) by reducing splenomegaly and changing marrow morphology. September 18-21, 2008.

Session Chair and Presenter, European LeukemiaNet Targeted CMLTherapy Meeting, Session Chair: Session 1, Evolving targeted CML treatment: what's new? Presentation: CML: Late or unexpected side effects with imatinib therapy. European LeukemiaNet Frontiers Meeting, Cannes, France, October 17-19, 2008.

2009

Session Chair, 11th International Conference, Chronic Myeloid Leukemia – Biological Basis of Therapy for the European School of Hematology. Topic was on *The Next Decade for CML*.

Bordeaux, France,
September 11-13, 2009

Guest lecturer, Hematology Grand Rounds for the Imperial Medical College-Hammersmith Hospital. Topic was on *Polycythemia Rubra Vera*.

> London, UK, September 15-16, 2009.

Session Chair, European LeukemiaNet Frontiers-Continuing the Chronic Myeloid Leukemia Revolution. Expanding Options in targeted therapy. Topic was on *Philadelphia chromosome negative chronic myeloproliferatrive disorders*.

Barcelona, Spain,
September 18-20, 2009.

<u>2010</u>

Invited lecturer, Investigators board meeting, Update on dasatinib in CML, Bristol Myers Squibb Prague, Czechoslovakia,

May 6-9, 2010.

Invited lecturer, 19th International CML Workshop in Heidelberg, Deutch-American Institute, A Historical Perspective of Blast Phase Disease", Heidelberg, Germany, July 2-3, 2010

Invited lecturer, European School of Hematology International Conference on myeloproliferative disorders
Albufeira, Portugal.
September 29, 2010 – October 4, 2010

INVITED LECTURES: (National)

1977

Principles of Cancer Chemotherapy, Our Lady of Lourdes Hospital, Binghamton, NY Medical Grand Rounds: Lenox Hill Hospital; Beth Israel Hospital Hematology Grand Rounds, Roosevelt Hospital Chemotherapy of Acute Leukemia, New Jersey Cancer Society, Englewood Hospital Hematology Grand Rounds, Roosevelt Hospital Faculty, Oncology Course, Mount Sinai School of Medicine

1978

Medical Grand Rounds: Montefiore Hospital; Mount Sinai Hospital;

Beth Israel Hospital; Lenox Hill Hospital

Myeloproliferative Syndromes, College of Physicians and Surgeons, NY, NY

Hematology-Oncology Course sponsored by the American College of Physicians and Surgeons, Cornell University Medical College, 10/4-7:

"Breast Cancer Symposium"; "Chemotherapy"; "Chronic Myeloid Leukemia"

Chairman, Leukemia Update Symposium, Leukemia Society of America

Medical Management of Breast Cancer, Don Monti Memorial Research Foundation, North Shore University Hospital.

New Concepts in the Chemotherapy of Acute Leukemia, Fourth Annual Symposium, New Jersey Cancer Society, Englewood Hospital

Update Your Medicine, Cornell University Medical College

New concepts in the Treatment of Chronic Granulocytic Leukemia:

Fundamental and Clinical Aspects of Leukemia, Leukemia Research Foundation, Inc.

1979

Medical Management of Breast Cancer, Don Monti Memorial Research Foundation Lecture Series, North Shore University Hospital.

Third Annual Medical Symposium and Awards Luncheon, Leukemia Society of America, New York Medical College.New Thoughts on the Treatment of Chronic Myeloid Leukemia, Advances in Hematology and Oncology, The Jewish Hospital and Medical Center of Brooklyn, New Horizons in Colon Cancer, Cornell Unveristy Medical College Symposium

Chemotherapy, T.V. Seminar in Cancer Education, New York Medical College and Archdiocese of New York.

Chemotherapy of Leukemia and Lymphoma, Continuing Education Program, Doctors Hospital, Death and Dying, Facing the Inevitable, Temple Emanu-El, New York City

Terminal illness, Topics in Medical Ethics, Cornell University Medical College New Concepts in Chronic Myeloid Leukemia, Leukemia Symposium, Westchester Medical Center.

Symposium on Myeloproliferative Disorders, John Hoover Moon Memorial Lectureship, Medical College of Virginia

1980

Update Your Medicine: Oncology, Cornell University Medical College Concepts in Cancer Chemotherapy, Grand Rounds, Lenox Hill Hospital Chronic Myeloid Leukemia, Grand Rounds, Nassau Medical Center Clinical Concepts in Cancer Chemotherapy, Long Island College Hospital

Current Concepts in Chronic Myeloid Leukemia, Albert Einstein College of Medicine New Concepts in the Treatment of Chronic Myeloid Leukemia, 5th Annual Symposium on Advances in Cancer Treatment Research, University of Maryland

Understanding Clinical Cancer Chemotherapy, Metropolitan Hospital Advances in Oncology: Agnogenic Myeloid Metaplasia, North Shore University Hospital.

New Concepts in the Treatment of CML, Columbia University College of Physicians and Surgeons

The Dying Patient, Death and Dying Seminar, Huron Hospital, Cleveland, OH Treatment of Leukemia, United Leukemia Fund Annual Luncheon Current Concepts in Cancer Chemotherapy, Wycoff Hospital

Adjuvant Chemotherapy and Radiotherapy of Advanced Disease,

Cornell University Medical College Alumni Reunion

Myelofibrosis, Joint Meeting of the 18th Congress of the International Society of Hematology, Montreal Canada

New Thoughts in the Treatment of Blast Phase Chronic Myeloid Leukemia, Leukemia Update, Leukemia Society of America (Program Chairman)

Clinical Chemotherapy Program in Cancer Control, New York State Cancer Programs Association Annual Scientific Program, Memorial Sloan-Kettering Cancer Center

Chemotherapy, American College of Physicians Symposium, Philadelphia, PA Cancer and Leukemia Group B Update, Annual University Cancer Study Group Update, 1981 National Workshop, Clearwater, FLA Chronic Myeloid Leukemia, Memorial Sloan-Kettering Cancer Center

Myelofibrosis, North Shore University Hospital, Don Monti Memorial Institute Chronic Myeloid Leukemia, American College of Physicians, New York City Update on Morphology, American College of Physicians, New York City Adjuvant Chemotherapy of Breast Cancer, American College of Physicians,

Westchester

Caring for the Leukemia Patient, Cornell University Medical College, Chronic Myeloid Leukemia, Dept. of Neoplastic Diseases, Mount Sinai Hospital

1982

Leukemia in the Adult: State of the Art, Flushing Hospital and Medical Center, Flushing, NY,

Poorly Differentiated Lymphoma, Mountainside Hospital, NJ

The Scientific Basis for Adjuvant Chemotherapy, American Cancer Society, Clara Mass Hospital, Belleville, NJ

Adjuvant Therapy of Breast Cancer, American Cancer Society, New Jersey Division Clinical Pathology Conference, The Brooklyn Hospital, Brooklyn, NY

1983

Treatment of Non-Hodgkin's Lymphoma, Long Island College Hospital, March 1983

Treatments of Non-Hodgkin's Lymphomas, White Plains Medical Ctr., March 1983

Symposium: Treatment of Breast Cancer, Cornell University Medical College, Update, June 1983

New Perspectives for the Hormonal Treatment of Breast Cancer,
Program Chairman; participants: Allan Lipton, M.D., Professor of Medicine,
Hershey Medical Center, I. Craig Henderson, M.D., Dana-Farber Cancer
Institute; Cornell University Medical College, September 20, 1983

Controversial Aspects in the Treatment of the Non-Hodgkin's Lymphomas, Program Chairman; participants: George Cannellos, M.D., Dana-Farber Cancer Institute, John Glick, M.D., University of Pennsylvania, and Morton Coleman, M.D., Cornell Medical Center: Cornell University Medical College, September 27, 1983

Treatment of Breast Cancer, Cabrini Hospital, October 1983 New Concepts in Chronic Myeloid Leukemia, Lenox Hill Hospital, November 1983

1984

Chronic Leukemia, Lutheran Medical Center, Brooklyn, New York, February 2, 1984

Some Current Studies of CALGB, University Cancer Study Group Update, Tampa, Florida, February 18, 1984

Satellite Conference on Mitoxantrone, New York City Moderator, February 23, 1984

Advances in the Pathogenesis and Therapy of Chronic Myelogenous Leukemia, Downstate Medical Center, Brooklyn, New York, February 28, 1984

Lymphomas: 1984 Update, Flushing Hospital and Medical Center, Flushing, New York, March 20, 1984

Polycythemia and the Myeloproliferative Syndromes,

Long Island College Hospital, Brooklyn, New York, April 10, 1984 Agnogenic Myeloid Metaplasia, Memorial Medical Center, May, 1984,

- Savannah, GE Treatment of Polycythemia Vera, Savannah, Georgia
- Update on Chronic Myelogenous Leukemia, Cancer Center Clinical Rounds, The Mount Sinai Medical Center, New York, June 1, 1984
- Symposium: Breast Cancer, Moderator; Advances in Hematology and Oncology course sponsored by the American College of Physicians at Cornell University Medical College, October 9, 1984
- Chemotherapy of Breast Cancer; Advances in Hematology and Oncology course sponsored by the American College of Physicians at Cornell University Medical College, October 9, 1984
- Satellite Conference on Mitoxantrone, New York City Moderator, February 23, 1984 Current Status of Treatment of Chronic Leukemia, Doctors Hospital, November 15, 1984

1985

- Treatment of Non-Hodgkin's Lymphoma, "Oncology Update," Bayley Seton Hospital, January 18, 1985
- Chronic Myelocytic Leukemia, Medical Grand Rounds New York Hospital Cornell Medical Center, New York, New York, April 11, 1985, with Dr. Robert Gale
- The Management of Carcinoma of the Breast, Clara Mass Medical Center, Belleville, New Jersey, May 15, 1985
- Update on Breast Cancer Management, Silver, R., New Jersey College of Medicine, May 30, 1985
- Chronic Myeloid Leukemia, Update Your Medicine, New York Hospital Cornell Medical Center, New York, New York, June 13, 1985
- Hematology Update, Update your Medicine, New York Hospital-Cornell-

Medical Center, July 13, 1985

- Chronic Myelogenous Leukemia, Texas Club of Internists 1985 Fall Clinical Meeting, Cornell Medical Center, New York, New York, October 9, 1985
- Breast Cancer Update, Update Your Medicine, New York Hospital Cornell Medical Center, Lesnick G, McCormick B, Silver R, New York, New York, October 16Non-Hodgkins Lymphoma, Flushing Hospital and Medical Center, Flushing, New York, November 14, 1985

1986

- Treatment of Chronic Myeloid Leukemia, Medical Grand Rounds, Interfaith Hospital, Brooklyn, New York.
- Update on Chronic Myelogenous Leukemia, Advances in Hematology and Oncology,

New York Hospital and Cornell Medical Center, April 30, 1986

Breast Cancer Update, Update Your Medicine, New York Hospital Cornell Medical Center, June 10, 1986

Treatment of Chronic Myeloid Leukemia, Medical Grand Rounds, Pennsylvania State Medical College, Hersey, PA, June 19, 1986

Current Status of Chronic Myeloid Leukemia, Medical Grand Rounds, Memorial Medical Center, October 3, 1986

1987

Current Treatment of Leukemias and Lymphomas, Invited Lecturer, XI Brazilian Congress of Cancerology, Florianopolis, Brazil, November 1987

1988

Clinical Use of Intereferon in Leukemia, Medical Grand Rounds, Hackensack Medical Center, Hackensack, NJ February 9, 1988

Clinical and Genetic Interactions in Hematologic Disorders: Chronic Myeloid Leukemia, Hematology/Oncology for the 21st. Century, New Rochelle Hospital Medical Center, NY September 28, 1988

1989

Activity of Novantrone in Breast Cancer, Lederle Seminar "Recent Advances in Oncology", Seattle, WA, April 8, 1989

Some New Thoughts Regarding Chronic Myelogenous Leukemia, Hematology Grand Rounds, The Mount Sinai Medical Center, NY May 25, 1989

<u> 1990</u>

Chronic Myeloid Leukemia: An Update, Lederle "Distinguished Lecturer Series in Oncology", Albert Einstein College of Medicine, Bronx, New York, NY, April 18, 1990. St. Luke's Hospital, New York, NY, April 19, 1990;

Mitoxantrone in Cancer Treatment, Lederle Seminar "Recent Advances in Oncology",

Bayonne Hospital, Bayonne, NJ, April 24, 1990.

Chronic Myeloid Leukemia: An Update, Lederle Distinguished Lecturer Series in Oncology, Houston Blood Club, Houston, Texas, November 14, 1990.

1991

Chronic Myeloid leukemia: An Update, Lederle "Distinguished Lecturer Series

- in Oncology", Children's Hospital and Adult Medical Center, San Francisco, California, February 14, 1991; Letterman Army Hospital, San Francisco, California, February 15, 1991
- Oncology: A Multinational Interface-Discussion of Treatment Modalities Worldwide: World Congress on Healthcare "The Role of Medical Professionals, Industry and Governments in a Decade of Global Change". World Healthcare Council, National Broadcast Satellite Corp. and Le Jacq Communications, Inc., The Equitable Center, New York, NY, May 23, 1991.
- "Molecular Rearrangement within the 5.8 kb-bcr Region in an AML." 8th International Congress of Human Genetics, Washington, D.C October 6-11, 1991.
- Primary Interferon Therapy in Polycythemia Vera: The Chemotherapy Foundation, Advances in Innovative Oncology: Biomodulation, Chemoimmunotherapy and Selected Phase II Drugs", Mt. Sinai School of Med., NYC, November 7, 1991.
- Update Oncology, Management of Hematologic Malignancies:

 Update Your Medicine, New York Hospital-Cornell University Medical College,
 November 20, 1991.
- Management of Hematologic Malignancies: Cornell at La Guardia Series, La Guardia Hospital, NY, December 4, 1991.
- Chronic Myeloid Leukemia: Some Perspectives of the Clinical and Biologic Issues: Bristol-Myers Squibb Symposium "Highlights in Oncology for the Hematologist", Denver, Colorado, December 6, 1991.

1992

- Update on Myeloproliferative Disorders: Schering Lecture Series, University of Connecticut Health Center, Farmington, CT, March 18, 1992.
- Recent Advances in the Treatment of Polycythemia Vera: Hematology-Oncology Research Seminar, New York University Medical Center, April 3, 1992.
- New Thoughts on the Management of Polycythemia Vera: Medical Grand Rounds, Beth Israel, NY, April 15, 1992.
- Current Biological and Therapeutic Perspectives in Chronic Myelocytic Leukemia: The Grand Rounds of the Department of Neoplastic Diseases, Mount Sinai Medical Center, NY, April 17, 1992.
- Anemia Chronic Disease: Recombinant Human Erythropoietin: Ortho Biotech Lecture Series, Valley Hospital, Ridgewood, NJ, April 21, 1992.

- Anemia Chronic Disease: Recombinant Human Erythropoietin: Ortho Biotech, Lecture Series, St. Joseph's Hospital, Paterson, NJ, May 6, 1992.
- Therapeutic Trials for Myeloproliferative Syndromes: Schering Lecture Series, St. Elizabeth Hospital, Boston, MA, June 4, 1992.
- Modern Management of Hematologic Malignancies; the Use of Growth Factors, etc: Update Your Medicine, Cornell University Medical School, N.Y., June 9, 1992.
- Colony Stimulating Factors: From Laboratory to Clinical Applications: Amgen Lecture Series, St. Vincent's Hospital, NY, June 22, 1992.
- Pathogenesis and Treatment of Polycythemia Vera: Grand Rounds, Memorial Sloan-Kettering Cancer Center, New York, NY, September 29, 1992.
- Symposium on Bone Health and Disease: Focus on the Cancer Patient.

 New York Hospital-Cornell Medical Center, New York, NY, Chairman,

 December 12.

1993

- Novantrone Overview of Phase II Data: Lymphoma Advisory Board, Lederle Laboratories, New York, NY, February 26, 27, 1993.
- New Concepts in the Treatment of Polycythemia Vera: St. Lukes/Roosevelt Hospital Center, NY, April 29, 1993; Mother Cabrini Medical Center, NY, June 18, 1993;
 - St. Vincent's Hospital and Medical Center of New York, July 9, 1993; Lenox Hill Medical Center, NY, October 19, 1993.
- The Impact of Health Care Reform on Clinical Practice: The Impact of Health Care Reform on Cancer Care, The New York State Cancer Assoc. Program, North Shore University Hospital, October 15, 1993.
- Special Symposium: New Approaches to the Treatment of Cancer-Related Anemia, New York Hospital-Cornell Medical Center and The New York State (Downstate) Society of Medical Oncologists and Hematologists; Cornell University Medical College, N.Y., October 23, 1993. Charmin.
- Treatment of Breast Cancer: Medical Grand Rounds, Sarasota Memorial Hospital, Sarasota, FLA, October 26, 1993. Invited Lecturer.

1994

- Symposium: Epoetin Alfa and 2-CdA: Advances in Clinical Research and Treatment; Amelia Island, Florida, January 27-30, 1994.
- Interferon in Polycythemia Vera Essential Thrombocytosis: Hematology/Medical Oncology Conference, University of Maryland Cancer Center, Baltimore, February 14, 1994.
- The Impact of Health Care Reform on Clinical Practice: Medical Grand Rounds, Mount Sinai Medical Center, New York, February 25, 1994.

- <u>Visiting Faculty,</u> Chronic Myeloid Leukemia: Curriculum Development Roundtable.

 Annenberg Center, Rancho Mirage, California, April 14-15, Francis Giles, M.D.,

 Moderator; Richard T. Silver, M.D., Moshe Talpaz, M.D.
- <u>Guest Moderator</u>, Seminars in Oncology, New approaches to the treatment of cancer-related anemia: A panel discussion, Chairman
- <u>Visiting Faculty in Interferons</u>, The Use of Interferon in the Treatment of Polycythemia Vera and Chronic Myeloid Leukemia; Montefiore Medical Center, Bronx, New York, June 2.
- Polycythemia Vera Study Group, The Use of Interferon in the Treatment of Polycythemia Vera; Mount Sinai Medical Center, June 13.
- Guest Lecture Series, Update of Management of Polycythemia Vera and Impact on Results; New York Methodist Hospital, June 15.
- <u>Update Your Medicine</u>, New Therapies of Myeloproliferative Disorders; Cornell University Medical College, N.Y., June 16.
- Frontiers in Oncology-Hematology: Hematological Malignancies, Cornell University Medical College, New York, NY, October 1.
- International Symposium on Myeloproliferative Disorders: New Approaches to the Treatment of Polycythemia Vera: Mayo Clinic, Rochester, MN, October 15.
- Understanding Growth Factors and Cytokines: Medical Grand Rounds, Sarasota Memorial Hospital, Sarasota, FLA, October 21.
- Interferon in the Treatment of Chronic Myeloid Leukemia and Polycythemia Vera: St. Mary's Hospital of Brooklyn, N.Y., November 17, White Plains Hospital, White Plains, N.Y., November 21.
- <u>Visiting Faculty in Interferons</u>: Interferon in the Treatment of Chronic Myeloid Leukemia: Bethesda, MD, December 14.

<u> 1995</u>

Visiting Faculty in Interferons: Interferon in the Treatment of Polycythemia Vera and Chronic Myeloid Leukemia: Medical Grand Rounds, South Nassau Community Hospital, Oceanside, NY, January 31, 1995; SUNY Health and Science Center, Syracuse, NY, February 16, 1995; Woodhull Medical Center, Bklyn, NY, April 5, 1995; Lenox Hill Hospital, New York, NY, April 11, 1995; Medical Grand Round, Saint John's Queens

Hospital, Elmhurst, NY, June 9, 1995; Tumor Board, St. Mary's Hospital, Richmond, VA, October 10, 1995; Northern Westchester Hospital, Mt. Kisco, NY, October 20, 1995; Bowman Gray School of Medicine, Winston-Salem, NC, October 27, 1995;

Hematology/Oncology Grand Rounds, St. Elizabeth's Hospital of Boston, Boston, MA, December 14, 1995.

<u>Visiting Faculty In Interferon</u>: Annenberg Center, June 2-3, 1995. Moshe Talpaz, M.D., Moderator; Howard Ozer, M.D., Richard T. Silver, M.D.

<u>Update Your Medicine, 1995</u>: Recent Advances in Polycythemia Vera and Chronic Myeloid Leukemia: Medical Grand Rounds, Cornell University Medical College, June 15.

<u>1996</u>

The Myeloproliferative Diseases and Biologic Modifiers: Medical Grand Rounds, Sarasota Memorial Hospital, Sarasota, FLA, February 2, 1996

Medical World Conferences 1996 Trans-Panama Canal CME cruise. Program: "Taking Better Care of Our Patients", February 24 - March 5, 1996.

Frontiers in Oncology-Hematology III, "Lymphoma Management" Cornell University Medical Center, October 19, 1996.

Oncology Focus: Chronic Myelogenous Leukemia, Four Seasons Hotel, New York, NY, November 13, 1996.

Hematology Grand Rounds, "Treatment of the Myeloproliferative Syndrome", Columbia Presbyterian Hospital, NY, NY, November 14, 1996.

Biologic Reponse Modifiers in the Treatment of

Chronic Myeloid Leukemia; Medical Grand Rounds, Memorial Medical Center, Savannah, GA, April 12, 1996.

Medical World Conferences 1996 Rhine River CME cruise,

Program: "Health Care Update", July 1 - 13, 1996.

Annual Seminar of New Therapies and Biologics: The Role of Alpha Interferon in CML. The Sass Foundation for Medical Research, Inc., Melville, NY, November 18, 1996.

1998

Visiting Faculty: Annenberg Center, Palm Springs, California,

"Interferon in the Treatment of Polycythemia", April 21, 1998.

First International Conference on MPD (MyeloProliferative Diseases),

Interferon alpha for PV. San Diego, CA, October 9-11, 1998. Cleveland Clinic Cancer Center Experimental Therapeutics, Controversies in

the Management of Indolent Lymphomas and Chronic Leukemias, "Interferon for CML", November 6, 1998

American Society of Hematology, 40th Annual Meeting,

Miami Beach, Florida, "Chronic Myeloid Leukemia— ASH Practice Guideline and Beyond" December 5, 1998.

2000 (Partial listing)

Grand Rounds, Albert Einstein Medical Center "Chronic Myeloid Leukemia" February, 2000

Chemotherapy Foundation: Bone marrow rongeur in myelofibrosis 13th International Symposium on Treatment of Leukemia & Cancer, Chairman, New York City, July 14 -18, 2000.

Lymphoma & Myeloma 2000 at the Turn of the Century, Small B-Cell Lymphoma Chairman, New York City, October 5-7, 2000.

2001

Pennsylvania Soc. Of Oncology & Hematology 2001 Scientific Meeting: Chronic Myeloid Leukemia, September 2001.

Mayo Clinic Cancer Ct.: Myeloproliferative Disorder Conference 2001 at Scottsdale, Az. Overview of Polycythemia Vera, Current Specific Agents in MPD - Interferon. September 2001

First International Congress of the Myeloproliferative Diseases & Myelodysplastic Syndromes, New York City, October 2001. Chair of Congress, Speaker Northshore University Hospital: Update on CML, November 27, 2001.

Grand Rounds: St. Vincent's Hospital, Update on CML, New York, NY November 30, 2001.

2002

Grand Rounds: Maimonides Medial Ct. Brooklyn, NY January 16th, 2002
Update on Novel Targeted therapy & the Direction CML Management is Moving

Hematology Grand Round at Weill Medical College on January 22, 2002 Rational Drug Development: Update on STI-571

- Grand Rounds: SASS Foundation Meeting at the Garden City Hotel March 6th, 2002 The Current Advances in the Management of CML.
- Grand Rounds: New York Methodist Hospital, Brooklyn New York March 14th, 2002 Annual Oncology Update to Hospital Staff Molecular Targeting in Cancer Therapy
- Update your medicine, Weill Cornell Medical Center, June Treatment of CML

2003

Mayo Clinic Symposium, Myeloproliferative Diseases, Invited Lecturer, April 20

2nd International Congress on Myeloproliferative and Myelodysplastic Diseases, Chair of the Congress and Speaker, October 16-18, 2003.

2004

- Myelodysplastic Syndromes: Novel Strategies and Therapeutic Update. The Center for Biomedical Continuing Education. Hematology Grand Rounds, Washington, DC. March 19, 2004.
- New Thoughts on the Management of Polycythemia Vera. Hematology Grand Rounds. MD Anderson Cancer Center, Houston, TX. March 24, 2004.
- Diagnosis and Management of Polycythemia Vera. Sponsored by an unrestricted educational grant from Shire US Inc., Chicago, IL. March 26-27, 2004.
- Chronic Myeloid Leukemia. Columbia Presbyterian Medical Center, Grand Rounds, New York, NY, April 1, 2004.
- Myelodysplastic Syndromes: Novel Strategies and Therapeutic Update. Sibley Memorial Hospital, Washington, DC, June 18, 2004.
- Myelodysplastic Syndromes: Novel Strategies and Therapeutic Update. Bassett Healthcare. Hematology Grand Rounds, Cooperstown, NY June 24, 2004.
- Chronic Myelogenous Leukemia (CML) Educators' Workshop. Molecular Pathways: Applications in Cancer Therapy. (IMPACT). Dallas, TX. June 25-26, 2004.

Myelodysplastic Syndromes: Novel Strategies and Therapeutic Update. Raleigh Regional Cancer Center, Beckley, WV. July 13, 2004.

2005

- Treatment of P. Vera: Chronic Myeloproliferative Disease Symposium, Mayo Clinic, Rochester, MN, February 5.
- Some Aspects of the Polycythemia Vera in the 21st Century. Johns Hopkins Hospital, Hematology Grand Rounds, Baltimore, MD, June 9.
- The Era of Molecular Therapy: Focus on Chronic Myelogenous Leukemia. Jersey Shore University Medical Center, Neptune, NJ 07754, July 28.
- Chairman, 3rd International Congress on the Myeloproliferative Diseases and Myelodysplastic Syndromes, Washington, DC, October 27-29.
- Grand Rounds, Leukemia and Myeloproliferative and Myelodysplastic Diseases, New York, NY, December 5.
- Myeloproliferative and Myelodysplastic Diseases, Charleston Cancer Center, Charleston, SC, December 15.

2006

Grand Rounds, Blood and Marrow Transplant City Wide Conference, New Thoughts in the Treatment of CML, University of Rochester, Strong Memorial Hospital, Rochester, NY, January 27, 2006.

- Hematology Fellowship Conference, Polycythemia Vera 2006, National Institutes of Health National Heart, Lung, and Blood Institute, Bethesda, MD, February 1, 2006.
- Disease State Expert Faculty Presenter, Myelodysplastic Syndromes (MDS), Brookdale Hospital, Brooklyn, NY, February 22, 2006.
- Lecturer, International Working Group (IWG) Conference, Myeloproliferative Diseases (MPD), The University of Texas, MD Anderson Cancer Center, Houston, TX, March 4, 2006.

<u>2007</u>

- Invited Lecturer, 11th International Congress on Hematological Malignancies "Optimum Management of ET & PRV", New York, NY, February 2007
- Invited Lecturer, The Fifth CMPD Education Foundation and Mayo Clinic Patient Symposium on the Chronic Myeloproliferative Disorders, Some Thoughts Regarding the Treatment of Polycythemia Vera in 2007, Scottsdale, Arizona, February 23-25, 2007.
- Invited Lecturer, Current Trends in Leukemia, Lymphoma, and Myeloma, Management of CML and Ph(-) Myeloproliferative Diseases, The Sofitel, New York, NY, March 3, 2007.
- Invited Lecturer, Hematology Oncology Grand Rounds, Some Thoughts Regarding Polycythemia Vera, Weill Cornell Medical College, New York, NY, March 14, 2007.
- Lecturer, Lecture to Hematology Oncology Fellows on CML, Weill Cornell Medical College, New York, NY, March 15, 2007.
- Invited Lecturer, East Carolina University Brody School of Medicine, Some Thoughts Regarding Polycythemia Vera, Greenville, NC, March 29, 2007.
- Invited Lecturer, Hematology-Oncology Grand Rounds, Weill Cornell Medical College.
 - Polycythemia Vera: from the PVSG Studies to the *JAK2*^{V617F} Mutation. New York, New York, October 31, 2007.
- Invited Lecturer, Update on Chronic Myelogenous Leukemia, CML: A Practical Approach to Current Management, Baltimore, Maryland, November 29, 2007.
- Invited Lecturer, Dasatinib (Sprycel®) Investigator Meeting, The Use of Dasatinib in Treating Patients with Polycythemia Vera, Atlanta Hilton & Tower Hotel, Atlanta, Georgia, December 9, 2007.
- Invited lecturer, BCR-ABL1-positive CML and BCR-ABL1-negative chronic myeloproliferative disorders: Some combinant and contrasting features. Puerto Rico, December 2007.

2008

- Invited Lecturer, Hematology-Oncology Grand Rounds, New York Medical College, Treating CML in 2008, Westchester, NY, February 14, 2008.
- Invited Lecturer, Hematology-Oncology Grand Rounds, Our Lady of Mercy Hospital, Treating CML in 2008, Bronx, New York, March 13, 2008.
- Invited Lecturer, Investigator Meeting, The use of oral CEP-701 in treating patients with polycythemia vera or essential thrombocythemia with the JAK2V617F mutation, Houston, TX, May 2008.
- Invited Lecturer, ESH Tenth International Conference on CML, CML Blast Phase. Sheraton Boston Hotel, Boston, MA, September 3-7, 2008.
- Invited Lecturer, Chemotherapy Foundation Symposium XXVI, Some Aspects of *JAK2* and *MPL* Mutations in 2008, Marriott Marquis Hotel, New York, NY, November 5, 2008.
- Invited Lecturer, Dasatinib (Spyrcel) Investigator meeting, AdBoard at ASH, The use of Dasatinib in treating patients with polycythemia vera, Washington DC, December 6, 2008.
- Invited Lecturer, Dasatinib (Spyrcel) Investigator meeting, The use of Dasatinib in treating patients with polycythemia vera, Atlanta Hilton & Towers Hotel, Atlanta, GA December 9, 2008.
- Invited lecturer, Myeloproliferative Diseases, Myelodysplastic Syndrome, and Chronic Myeloid Leukemia Special Invitee, Lecture delivered: "Myeloproliferative Disorders." Post-ASH meeting, San Francisco, December 8-10, 2008.
- Invited Lecturer, Guy's and St. Thomas' NH Foundation Trust Meeting, Early treatment of myelofibrosis with interferon may be advantageous, Sonoma California, December 10, 2008.

2009

Invited Lecturer, American Society of Hematology Meeting, Cancer Trends in Leukemia, Lymphoma and Myeloma, Treatment of Chronic Myeloid Leukemia - Update, Washington, DC, January 31, 2009.

Invited Lecturer, CML Fellows Talk, Update on CML, Weill Cornell Medical College,

- New York, NY, January 2009.
- Invited Lecturer, Second Year Medical Student Pathophysiology Lecture, Myeloproliferative Diseases, Weill Cornell Medical College,
 New York, NY, February 2009.
- Invited Lecturer, Mayo Clinic Meeting Patient Support for the MPDs, ,Polycythemia Vera: From the PVSG to the Present, Scottsdale, AZ, February 27-28, 2009.
- Invited Lecturer, House Staff Lecture, Chronic myeloid leukemia update 2009, Weill Cornell Medical College, New York, NY, March 31, 2009.
- Invited Lecturer, MPD-Research Consortium Meeting, "Protocol Description", New York City, April 1-2, 2009.
- Invited Lecturer, Celgene Investigator Meeting, Pomalidomide in Myelofibrosis, April 4, 2009.
- Invited Lecturer, Hematology-Oncology Grand Rounds, Chronic Myeloid Leukemia Update 2009...and More, Weill Cornell Medical College, New York, NY, April 1, 2009.
- Invited Lecturer, Fellows lecture, Polycythemia vera update, Weill Cornell Medical College, New York, NY, April 16, 2009.
- Invited Lecturer, 4th annual symposium, on MDS and MPNs, University of Texas MD Anderson Cancer Center, Early treatment of myelofibrosis with interferon may be advantageous, Houston, Texas, April 24-25, 2009.
- Invited Lecturer, Hematology Grand Rounds, University of Texas M.D. Anderson Cancer Center, Polycythemia vera Update, Houston, TX., May 5, 2009.
- Invited Lecturer, Cancer Clinics of Excellence hosted by Novartis, Pennsylvania Oncology Hematology Associates, Philadelphia, PA, June 11, 2009
- Chairman, 5th International Patient Symposium on Myeloproliferative Diseases, Treatment of Polycythemia vera, Cancer Research & Treatment Foundation, New York, NY November 4, 2009.
- Chairperson, 5th International Congress on Myeloproliferative Diseases and Myelodysplastic

Syndromes, Cerebral Circulation in Polycythemia Vera, Imedex, New York, NY November 5-7, 2009.

- Invited Lecturer, Chemotherapy Foundation Symposium XXVII, JAK2 In Hematopoiesis And Status Of Anti-JAK2 Trials, Chemotherapy Foundation, New York, NY, November 11, 2009.
- 51st ASH Annual Meeting & Exposition, American Society of Hematology, Pegylated Interferon Trials: Investigators Meeting of the Myeloproliferative Disorders Research Consortrium, New Orleans, LA, December 4-11, 2009

Jumping Translocations of the Long Arms of Chromosome 1 (1aJT) in Myeloproliferative Neoplasms (MPNs) and Myelodysoplastic Syndromes (MDS) Are Associated with High Risk of Transformation to Acute Myelogenous Leukemia (AML),

New Orleans, LA December 5, 2009.

Tumor Necrosis Facotr-Alpha (TNF) Expression is Elevated in Myelo-Proliferative Neoplasms (MPN) and Modulate dby Inhibition of JAK2 V617F, New Orleans, LA

December 5, 2009.

Invited lecturer, 4th International Workshop on CML and MPN, "Is a Decrease in *JAK2*^{V617F} Allele Burden a Prerequisite to Clinical Response in Patients with Polycythemia Vera?", Natchez, Missisippi, December 8-10, 2009.

2010

- Grand Rounds, Progress in Curing Adult Acute Leukemmia, Clara D. Bloomfield, M.D., The Richard T. Silver, M.D. Distinguished Visiting Professor in Hematology-Medical Oncology,
 - New York, NY, January 12, 2010.
- Invited Lecturer, CML Fellows Talk, Update on CML, Weill Cornell Medical College, New York, NY, February 4, 2010.
- Invited Lecturer, Treatment Evolution in CML: The Past, Present and Future Investigator meeting, *Nilotinib expanded access study update*, Novartis, Orlando, FL February 11-12, 2010.

- Invited Lecturer, Novartis, Treatment Evolution in CML: Follow-Up Novartis Oncology MDS Advisory Board Meeting. The W Hotel, Fort Lauderdale, Florida, March 26-27, 2010.
- Invited Lecturer, Duke Debates, Controversies in the Mangement of Patient with Hematologic Malignancies. *JAK2 Polycythemia Vera & Primary Myelofibrosis*. The Grove Park Inn Resort & Spa Asheville, NC, April 9-11, 2010
- Invited Lecturer, 5th Annual Houston Conference on Myelodysplastic syndromes & myeloproliferative neoplasms. *Advancing knowledge in the biology and therapeutic approach of MDS and MPN*Intercontinental Hotel
 Houston, TX, April 24-25, 2010
- Invited Lecturer, Great Debates and Updates in Hematologic Malignancies, Imedex, Myeloproliferative Neoplasm Session
 The Westin New York at Times Square
 New York, NY, April 30-May 1, 2010
- Guest Speaker, New York MPD patient support group Weill Cornell Medical Center, New York Blood Center New York, NY, May 17, 2010
- Invited lecturer, CML Advisory Board Meeting during ASCO, *Leukemia, Myelodysplasia and Transplantation*, Hyatt Regency Hotel, Chicago, IL, June 6-8, 2010
- Invited lecturer, "Update on CML" Update Your Medicine: Oncology, Cornell University Medical College, Uris Auditorium New York, NY June 17, 2010
- Invited Lecturer, Chemotherapy Foundation Symposium XXVIII, "Treatment of early myelofibrosis with interferon", *Innovative Cancer Therapy for Tomorrow*, Chemotherapy Foundation, New York, NY November 10, 2010.
- 52nd ASH Annual Meeting & Exposition, American Society of Hematology, In vivo imaging of cerebral circulation in mouse model sof polycythemia vera.

Allogeneic stem cell transplantation for patients with chronic myeloid leukemia after prior treatment with nilotinib or dasatinib.

Research Consortrium, Orlando, FL December 4-7,2010

Invited Lecturer, 5th International CML & MPN Workshop

Clinical Response in Patients with Polycythemia Vera is not Always Associated with A Decrease in *JAK2V617F* Allele Burden

Orlando, Florida

December 7-8, 2010

<u> 2011</u>

Grand Rounds, Progress in Curing Adult Acute Leukemmia, John Goldman, M.D., The Richard T. Silver, M.D. Distinguished Visiting Professor in Hematology-Medical Oncology,

New York, NY, January 24,2011

Invited Lecturer, MPN Patient conference, Mayo Clinic, *Primary Myelofibrosis: A New Therapy for 2011?*

Scottsdale, AZ

February 26-27, 2011

Invited Lecturer, Incyte Comfort-1 Investigator/Authors' Meeting

Avia-The Woodlands Hotel

The Woodlands, TX

April 8-9, 2011

Invited Lecturer, Great Debates and Updates in Hematologic Malignancies, Imedex, Myeloproliferative Neoplasm Session

The Brooklyn Marriott Hotel

Brooklyn, NY, April 29-30, 2011

Editorial Activities

Editor, Combined Clinical and Basic Science Seminars published in the American Journal of Medicine, 1973-

Consultant Editor, American Journal of Medicine, 1974-1994

Member, Editorial Advisory Board, Cancer Investigation, 1983-1993

Member, Editorial Advisory Board, American Journal of Medicine, 1984

Ad hoc Reviewer: <u>New England Journal of Medicine, Annals of Internal Medicine, Mayo</u> Clinic Proceedings, Blood, Cancer, American Journal of Hematology, New York State

<u>Journal of Medicine, Journal of Clinical Oncology, Archives of Internal Medicine, Medical Research Council, UK, Hematology</u>

Boards and Directorships

Medical Director, Cancer Research and Treatment Fund, 1985-Present

Sass Foundation: The Advisory Board 1985-

Vice President, Leukemia Society of America, New York City Chapter 1968-1973

Trustee, Frances & Edwin Cummings Memorial Fund, 1985-1992

Research for Blood Health, Inc. 1968-1985

Arnold R. Krakower Hematology Foundation 1966-1975

Rectory School Board of Trustees, 2003-present

Societies and Scientific Organizations

American College of Physicians

International Society of Hematology

American Society of Hematology

New York Society for the Study of Blood

New York County and State Medical Society

Harvey Society

Society of Sigma XI

American Federation for Clinical Research

Explorers Club, 1962

Board of Directors, 1976-1978;

Chairman, Scientific Advisory Committee, 1982-85

American Society of Clinical Oncology

American Association for Cancer Research

New York State Society (Downstate) of Medical Oncologists and Hematologists

Visiting Professorships

Pennsylvania State Medical School, Hershey Hospital, June 1976

Mayo Clinic, July 1977

Upstate Medical Center, Binghamton, N.Y., October 1977

Medical College of Virginia, 1979

Columbia University Medical School, Post-Graduate Course, "Current Concepts in Hematopathology," 1982

New Jersey College of Medicine, New Brunswick, N.J., January 1983

University of Georgia, Memorial Medical Center, Savannah, April 1984

New Jersey College of Medicine, May, 1985

Memorial Medical Center, Savannah, GA, September, 1986

Hadassah Hospital, Jerusalem, Israel, 1994 East Carolina – Brody School of Medicine, 2007

Special Listings

Who's Who in America
Who's Who in the East
American Men of Science
Who's Who in Cancer
Who's Who in Frontier Science and Technology
Who's Who in Medicine and Healthcare
Who's Who in the World