

RICHARD ALLEN BINDER, M.D., F.A.C.P.

CURRICULUM VITAE

Date of Birth: August 26, 1937
Marital Status: Married, two children.

EDUCATION:

Tufts University School of Medicine, M.D. 1960-1964
Boston, Massachusetts

Northeastern University, B.S., Ch.E. 1955-1960
(Honors Program, Chemical Engineering)
Boston, Massachusetts

POSITIONS:

Professor of Clinical Medicine 2010-present
University of Virginia
College of Medicine
Inova Fairfax Branch Campus

Professor of Medicine, Virginia Commonwealth University 2005-2010
School of Medicine, Richmond, VA [Inova Fairfax Hospital
Branch Campus]

Senior Physician, Department of Medicine 2005-Present
Inova Fairfax Hospital, Falls Church, VA

Clinical Professor of Medicine, Georgetown 1981-present
University School of Medicine, Washington, DC

Office of the President, Inova Health System 2005-2007
Falls Church, VA

Consultant, US Oncology, 2007-2009
Woodlands, TX

Medical Director, Inova Fairfax Hospital Cancer 1998-2003

Center, Falls Church, VA

Deputy Chairman, Department of Medicine, Inova Fairfax Hospital, Falls Church, VA	1975-2005
Medical Staff, Inova Fairfax Hospital Falls Church, VA	1975-present
Clinical Associate Professor of Medicine, Georgetown University School of Medicine, Washington, DC	1975-1981
Consultant to the Department of Pathology, Inova Fairfax Hospital, Falls Church, Virginia	1975-1994
Director, Hematology Laboratories, Georgetown University Hospital, Washington, DC	1971-1975
Assistant Professor of Medicine, Georgetown University School of Medicine, Washington, DC	1971-1975
Consultant, Federal Aviation Administration	1971 - 2019
Instructor in Medicine, The Tufts University School of Medicine, Boston, Massachusetts	1970-1971
Senior Fellow in Hematology, The Tufts Medical Center, Boston, Massachusetts	1970-1971
Consultant in Hematology: Thomason General Hospital, El Paso, Texas Holloman AFB, Alamogordo, New Mexico McAfee Army Hospital, WSMR, New Mexico	1968-1970
Chief of Hematology Service, William Beaumont General Hospital, El Paso, Texas	1968-1970
Assistant in Medicine, The Mount Sinai School of Medicine, New York	1967-1968
Instructor in Medicine, The Mount Sinai School of Medicine, New York	1967-1968

HOSPITAL TRAINING

Fellow in Hematology, The Tufts Medical Center, Boston, Massachusetts	1970-1971
Fellow in Hematology, The Mount Sinai Hospital, New York (Public Health Service Fellowship)	1967-1968
Medical Resident, Columbia Presbyterian Hospital, New York	1966-1967
Medical Resident, The Tufts New England Medical Center, Boston, Massachusetts	1965-1966
Medical Intern, The Tufts New England Medical Center, Boston, Massachusetts	1964-1965

PROFESSIONAL HEALTH CARE:

Private Practice, Hematology/Oncology	1975-2005
Vice President - Specialty Physician Relations, Inova Health Systems	1994-1996

COMMITTEE AND BOARD APPOINTMENTS:

Resident Selection Committee, Inova Fairfax Hospital Falls Church, VA	2014-Present
Hospice of Montgomery County, Rockville, MD	2008-20019
Chair, Claude Moore Medical Education Center Capital Campaign	2003-2006
Lymphoma Foundation – Medical Advisory Board	1999-2005
Hospice and Palliative Care of Metropolitan Washington	1998-2000

Hospice of Northern Virginia, Chairman, Board of Trustees	1997-1999
Chair, Cancer Center Steering Committee, The Fairfax Hospital	1997-1999
Cancer Committee, The Fairfax Hospital	1996-2005

COMMITTEE AND BOARD APPOINTMENTS (cont'd):

Board Member, Inova Health Systems Foundation	1996-2005
Hospice of Northern Virginia, Chairman Board of Trustees	1997-1999
Hospice of Northern Virginia, Vice Chairman, Board of Trustees	1995-1997
Hospice of Northern Virginia, Board of Trustees	1992-1999
Co-Chairman, Capital Campaign, Inova Fairfax Hospital	1991-1994
Hospice of Northern Virginia, Advisory Board	1991- 1992
Inova Hospitals, Operating Board	1991-1994
Chairman, Program and Planning Committee, Inova Fairfax Hospital, Falls Church, Virginia	1989-1994
Fairfax Hospital Operating Board, Inova Fairfax Hospital, Falls Church, Virginia	1987-1994
Chairman, By-Laws Committee, Inova Fairfax Hospital, Falls Church, Virginia	1986-1987
Chairman, Credentials Committee, Inova Fairfax Hospital, Falls Church, Virginia	1987-1989
Chairman, Quality Assurance Committee, Inova Fairfax Hospital, Falls Church, Virginia	1984-1986
Medical Staff Officer	1986-1997
Immediate Past President	1993-1997

Richard Allen Binder, M.D., F.A.C.P.

Curriculum Vitae

Page 5

President	1991-1993
1st Vice President	1989-1991
2nd Vice President	1987-1989
Secretary	1986-1987
At Large	1982-1986
Executive Committee, Inova Fairfax Hospital, Falls Church, Virginia	1982-1997
Board of Directors, Visiting Nurse Association, Fairfax County, Virginia	1979-1982
Medical Advisory Committee, Board of Directors, Hemophilia Society, Washington, DC Chapter	1977-1980
Chairman, Medical Advisory Committee, Board of Directors, Leukemia Society of America, Washington, DC Chapter	1972-1974
Internship Selection Committee, Georgetown University Hospital, Washington, DC	1972-1975
Tissue Committee, Georgetown University Hospital, Washington, DC	1972-1974
Chairman, Lymphoma Study Group, Georgetown University Hospital, Washington, DC	1972-1975

MILITARY SERVICE:

Major, U.S. Army Medical Corps	1968-1970
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CERTIFICATION:

National Boards	1965
American Board of Internal Medicine, Diplomate	1971
American Board of Internal Medicine, Hematology Diplomate	1972
American Board of Internal Medicine, Oncology Diplomate	1975

LICENSURE:

Massachusetts License	1965 (inactive)
New York License	1966 (inactive)
New Jersey License	1966 (inactive)
Washington, DC License	1971 (inactive)
Maryland License	1971(inactive)
Virginia License	1975

HONORS:

Mentor Award , Inova Fairfax Hospital	2019
Core Values Award, Inova Health System	2005
Teaching Award, Keith Vance Memorial, Inova Fairfax Hospital Excellence in Education	1994
Bicentennial Medal, Georgetown University	1991
Golden Apple, Outstanding Teacher of the Year, Georgetown University School of Medicine	1977
Fellow, American College of Physicians	1974

Richard Allen Binder, M.D., F.A.C.P.

Curriculum Vitae

Page 7

Attending Physician of the Year, Georgetown University Hospital 1972-1973

PROFESSIONAL ORGANIZATIONS:

American College of Physicians, Fellowship
American Society of Hematology
Fairfax County Medical Society (former member)
Virginia State Medical Society (former member)
American Society of Clinical Oncology

OTHER:

Alumni Board, Tufts University 1988 - present
Alumni Board, Tufts University School of Medicine 1998 - present
National Council – Smithsonian Institution 2005 - 2008
Museum of the American Indian

PUBLICATIONS:

1. Solomen S and Binder R: False positive test for catecholamines. NEJM, 271:1018, 1964.
2. Binder RA and Gilbert H: Muramidase in polycythemia vera. Blood, 36:228, 1970.
3. Jones S, Binder RA and Donowho E: Sudden death in sickle cell trait. NEJM, 282:323, 1970.
4. Binder, RA and Jones S: Sickle Cell Trait. NEJM, 282:1158, 1970. (Letter to Editor)
5. Binder RA and Jones S: Prevalence and awareness of sickle cell hemoglobin in a military population. JAMA, 214:909, 1970.
6. Binder RA: Hodgkin's disease - new aspects. Southwestern Medicine, June, 1970.
7. Crosby WH and Binder RA: Study on long-term iron intake. NEJM, 283:765, 1970. (Letter to Editor)

Richard Allen Binder, M.D., F.A.C.P.

Curriculum Vitae

Page 8

8. Tavassoli M, Manitis A, Binder R and Crosby W: Growth characteristics of extramedullary marrow auto transplants. Proceedings of the Society for Experimental Biology and Medicine, 138:838, 1971.
9. Mavligit G, Binder R and Crosby W: Disseminated intravascular coagulation in military tuberculosis. Arch Int Med, 130:388, 1972.
10. Binder RA, Mielke C and Durocher J: The effect on the bleeding time of drugs commonly used for the treatment of pain in hemophilia. Am J Dis Child, 127:371-373, 1974.
11. Thong Y, Binder R, Sverak L and Bellanti J: Functional studies of T and B lymphocytes in patients with chronic lymphocytic leukemia. Southern Med J, 67:138-141, 1974.

PUBLICATIONS (cont'd):

12. McCurdy P, Binder R, Mahmood L, Bullock W, Hudson R, Jilly P, Scott R, Garnett T, Schmitz L and Westerman M: Treatment of sickle cell crisis with urea in invert sugar. A controlled trial. *JAMA*, 228:1135-1138, 1974.
13. Anderson T, Schein P, Jencks J and Binder R: The nitroblue tetrazolium (NBT) dye test in determining fever source in lymphoma. *Cancer*, 34:705-710, 1974.
14. Jencks J and Binder R: Identification of T and B lymphocytes - a possible routine laboratory test. *Am J Med Tech*, 40:389-392, 1974.
15. Iacono J, Binder R, Jencks J, Marshall M, Schoene N and Makin J: Decreased susceptibility to thrombin and collagen platelet aggregation in man fed a low fat diet. *Haemostasis*, 3:306-318, 1974.
16. Binder R, Jencks J, Chesley J and Rath C: NBT test in pregnancy. *Obstetrics and Gynecology*, 45:299-301, 1975.
17. Ballard J, Binder R, Rath C and Powell D: Malignant histiocytosis in a patient presenting with leukocytosis, eosinophilia and lymph node granuloma. *Cancer*, 35:1448-1449, 1975.
18. Binder R, Jencks J and Rath C: "B" cell origin of malignant cells in a case of American Burkitt's lymphoma. *Cancer*, 36:153-163, 1975.
19. White, G, Jacobsen R, Binder R, Linke R and Glenner G: Immunoglobulin D myeloma and amyloidosis: Immunochemical and structural studies of BenceJones and amyloid fibrillar proteins. *Blood*, November, 1975.
20. Goldstein S, Blecker m, Binder R, Perrino P and Recant L: Hormone receptors 5 - binding of glucagon and insulin to human circulating lymphocytes in diabetes mellitus. *Endocrine Research Communications*, 3:367-376, 1975.
21. Giere J, Binder R and Cornfield D: Burkitt's lymphoma involving ovary and jaw. *Obstetrics and Gynecology*, 48:63s, 66s, 1967.

22. Berman B, Binder R and Cornfield D: Burkitt's lymphoma in a patient with neurofibromatosis and pheochromocytoma. *JAMA*, 237:993-994, 1977.

PUBLICATIONS (cont'd):

23. Cornfield D, Binder R and Rath C: Association of breast cancer with myeloproliferative disorders. *Southern Med J*, 70:780-783, 1977.
24. Cleary B, Binder R, Kales A and Veltri BJ: Simultaneous presentation of acute myelomonocyte leukemia and multiple myeloma. *Cancer*, 41:1381-1386, 1978.
25. Cornfield D, Binder R, Jencks J and Rath C: T and B lymphocytes in pregnant women. *Obstetrics and Gynecology*, 53:203-206, 1979.
26. Corvelli A, Binder R and Kales A: disseminated intravascular coagulation in sickle cell crisis. *Southern Med J*, 72:505-506, 1979.
27. Binder R and Kales A: Evaluation of anemia. *Primary Care*, 6:633-651, 1979.
28. Hoth D, Schein P, Winokur S, Woolley P, Robechaud K, Binder R and Smith F: A phase II study of chlorozotocin in metastatic melanoma. *Cancer*, 46: 1544-1547, 1980.
29. Csako G, Binder R, Kales A and Neefe J: Cloning of human lymphocytes reactive with autologous leukemia cells. *Cancer Research*, 40:3218-3221, 1980.
30. Binder R and Kales A: Leukemia - A spectrum of diseases. *Primary Care*, 7:395-408, 1980.
31. Binder R, Guest Editor, Hematology Update, *Primary Care*, 7:345-512, 1980.
32. Iacono JM, Judd JT, Marshall MW, Dougherty RM, Canary JJ, Macklin JF, Binder RA and Weinland BT: The role of dietary polyunsaturated fatty acids and prostaglandins in reducing blood pressure and in improving thrombogenic indices. *Animal Products in Human Nutrition*, Edited by DC Beitz and RG Hansen, Academic Press, New York 1982, pp 480-500.
33. McGuinnis MH, Binder RA, Kales AN, Davey RJ: Cold autoimmune hemolytic anemia with auto-anti-aI specificity: 51 Chromium Studies. *Immunohematology*, 3:20-22, 1987.

PUBLICATIONS (cont'd):

34. Grem J, Jordan E, Robson M, Binder R, Yee L, Hamilton JM, Arbuck S, Steinberg S, McAtee N, Allegra C, NCI, Bethesda, Maryland, Washington DC, Fairfax, VA: A phase II study of Interferon in combination with 5-Fluorouracil and Leucovorin in advanced colorectal cancer. *JCO*, May, 1993.
35. Miller JA, Butler T, Beveridge R, Kales A, Binder R, Smith LJ, Ueno W, Milkovich G, Goldwater S, Marion A, Eron L, Mangi R, Byrnes C, Liss C and Pashko S: Efficacy and tolerability of Imipenem-Cilastatin versus Ceftazidime plus Tobramycin as empiric therapy of presumed bacterial infection in neutropenic cancer patients. *Clinical Therapeutics*, Vol 15, No 3, 1993.
36. Chan DW, Beveridge RA, Kales A, Binder R, Miller J and Robert NJ: Breast cancer marker CA-549: A multicenter study, clinical chemistry. 1996.
37. Beveridge RA, Miller JA, Kales AN, Binder RA, Robert NJ, Heisrath-Evans J, Koczyk-Scripka K, Pasko S, Norgard MJ, Barnes HM, Taylor WR, ThompsonKA, Smith LF, Ueno WM, Dobrzynski RF, Warren RD, Katcher D, Byrne PJ, Dunning DM, Winokur SH, Lockey JL, Cambareri RJ, Butler TP, Meister RJ, Fiegert JM: Randomized trial comparing the tolerability of sargramostim (yeast-derived RhuGm-CSF) and filgrastim (bacteria-derived RhuG-CSF) in cancer patients receiving myelosuppressive chemotherapy. *J Clin Oncol* 1993 Sep;11(9):1737-1745.
38. Beveridge RA, Miller JA, Kales AN, Binder RA, Robert NJ, Harvey JH, Windsor K, Gore I, Cantrell J., Thompson KA, Taylor WR, Barnes HM, Schiff SA, Shields JA, Cambareri RJ, Butler TP, Meister RJ, Feigert JM, Norgard MJ, Moraes MA, Helvie WW, Patton GA, Mundy LJ, Henry D, Sheridan MJ, et al: A comparison of efficacy of sargramostim (yeast-derived RhuGM-CSF) and filgrastim (bacteriadrived RhuG-CSF) in the therapeutic setting of chemotherapy-induced myelosuppression. *Cancer Invest* 1998;16(6):366-373

EDITORIAL STAFF:

Oncoline - Oncological Abstracts Editorial Board

1986-1988

BOOK REVIEW:

Binder RA: Book review of neurological symptoms in blood diseases. *American Scientist*, 62:492, 1974.

ABSTRACTS

1. Binder RA, Jones S and Payne C: The incidence of hemoglobin (HB) -S in military recruits determined by a new screening method. *Clin Res*, 18:131, 1970.
2. Binder RA, Durocher J and Miekle CH: The effect on the bleeding time in hemophilia of drugs commonly used for the treatment of pain. *Am Soc of Hematology*, December, 1971.
3. Anderson T, Schein P and Binder R: Efficacy of NBT dye reduction in determining fever sources in lymphoma patients. Presented at the American Society of Clinical Research, Atlantic City, April, 1973.
4. Iacono JM, Binder RA, Jencks JA, Marshall MW, Mackin JF, Canary JJ, Waller C and Schoene NW: A test of the dietary recommendations of the Inter-Society Commission for heart disease resources. Platelet aggregation and blood pressure. Presented at the American Heart Association, Atlantic City, November, 1973. *Circulation*, 708:IV-93, 1973.
5. Binder R, Jencks J and Rath CE: Origin of malignant lymphocytes in a pleural effusion in Burkitt's lymphoma. *Am Soc of Hematology*, December, 1973.
6. Binder RA, Jencks JA, Shashaty GG and Rath CE: Correlation of T and B lymphocytes with clinical course in chronic lymphocytic leukemia. Presented at the Internal Society of Hematology, Jerusalem, Israel, September, 1974.
7. Kales A and Binder R: Acute myelogenous leukemia presenting as small bowel obstruction due to granulocytic sarcoma. Presented at the Virginia Society of Hematology, June, 1977.

ABSTRACTS (cont'd):

8. Matthews M, Ihde D, Cohen P, Bunn P, Binder R and Minna J: Effects of chemotherapy on the histology of small cell carcinoma of the lung- a post mortem study of 54 cases. *ASCO*, May, 1978.

9. Bunn P, Schechter G, Ihde D, Cower M, Binder R and Minna J: Cyclic alternating chemotherapy for multiple myeloma. Presented at ASCO, May, 1979.
10. Csako G, Binder R, Kales A and Neefe J: Cloning of human lymphocytes reactive with autologous leukemia cells. Presented at the American Association for Cancer Research, May, 1979.
11. Neefe J, Csako G, Binder R and Kales A: Lymphocytes responsive to antigens associated with acute myelogenous leukemia. Presented at the American Association for Cancer Research, May, 1980.
12. Davey R, Binder RA, Kales AN and McGuinnis MH: Cold autoimmune hemolytic anemia with auto-anti-aI specificity. American Association of Blood Banks, 1981.
13. Schechter G, Losinsi R, Addo L, Chan C, Pierce L, Lessin L, Weiss R, Binder R, Cohen P, Schulof R, Perkin E, Band KM and Bunn P: Alternating versus single combination chemotherapy in multiple myeloma. ASCO, May, 1987.
14. Beveridge RA, Kales AN, Binder RA, Miller JA and Virts SG: Pyridoxine (B6) and amelioration of hand/foot syndrome. ASCO, March, 1990. Vol 9, 393, p 102. (Presented)
15. Beveridge RA, Kales AN, Binder RA, Miller JA, Virts SG and Koczyk K: The incidence of thrombosis in patients receiving Coumadin or Heparin with continuous infusion of 5-FU. ASCO, March, 1991. Vol 10, 1213, p 347. (Presented)
16. Koczyk K, Beveridge RA, Kales AN, Binder RA and Miller JA: Prospective evaluation of CA-549 and CEA in monitoring of breast cancer patients. AACC, December, 1991.
17. Robert N, Huh W, Rulison K, Binder R, Franco P, Seneca R and Fairfax Hospital: Patterns of primary breast cancer treatment: A community hospital based experience. ASCO, May, 1993. (Presented)

ABSTRACTS (cont'd):

18. Grem J, Jordan E, Robson M, Binder R, Yee L, Hamilton JM, Arbuck S, Steinberg S, McAtee N, Allegra C, NCI, Bethesda, Maryland, Washington, DC, Fairfax, VA: A phase II study of Interferon in combination with 5-Fluorouracil and Leucovorin in advance colorectal cancer. ASCO, May, 1993. (Presented)
19. Koczyk K, Beveridge R, Kales A, Binder R, Miller J, Robert N, Heisrath-Evans J and Fairfax Hospital Cancer Center: Prospective evaluation of CA-549 and CEA in predicting progression or recurrence of disease in breast cancer patients. ASCO, 1993. (Presented)
20. Miller C, Mills SR, Barnett AG, Beveridge RA, Miller JA, Kales AN, Binder RA and Robert NJ: Randomized trial of recombinant human erythropoietin after purged bone marrow transplant. ASH, 1994.
21. Beveridge RA, Miller JA, Kales AN, Binder RA and Robert NJ: Comparison of toxicities of G-CSF and yeast derived GM-CSF. ASH, 1994. (Poster)
22. Zhou, Q., Binder, R., Hooper, J., Jimenez, K. Knowledge of breast cancer screening among young Latino immigrant women in the United States. Poster presentation, 9th Biennial Symposium on minorities, the Medically Underserved & Cancer, March 24-28, 2004, Washington, D.C. (Presented)
23. Zhou, Q., Jimenez, K., Hooper, J., Binder, R. Knowledge related to breast cancer screening in underserved pregnant women. Poster presentation, AWHONN 2004 Convention "Challenging the Status Quo", June 26-30, Tampa, Florida. (Presented)
24. Zhou, Q., Jimenez, K., Hooper, J., Binder, R. Comparison of breast cancer knowledge in pregnant women born in Asia and United States. AWHONN 2005 Convention. January 2005.