CURRICULUM VITAE

JANET DAVISON ROWLEY, M.D.

BIRTHDATE: April 5, 1925

PLACE OF BIRTH: New York, New York

EDUCATION: University of Chicago
Ph.B. 1944
B.S. 1946
M.D. 1948

Internship: USPHS, Marine Hospital, Chicago, Illinois, 1950-51

POSITIONS HELD:

Research Assistant, University of Chicago, 1949-50

Attending Physician, Infant Welfare and Prenatal Clinics Montgomery County (Maryland) Department of Public Health 1953-54

Research Fellow (part-time), Dr. Julian D. Levinson Foundation, Chicago, Illinois 1955-61

Clinical Instructor in Neurology (part-time), University of Illinois School of Medicine, Chicago, Illinois 1957-61

USPHS Special Trainee, Radiobiology Laboratory, The Churchill Hospital, Oxford, England 1961-62

Research Associate (Assistant Professor), Department of Medicine and Argonne Cancer Research Hospital, University of Chicago, Chicago, Illinois 1962-69

Associate Professor, Department of Medicine and Argonne Cancer Research Hospital, University of Chicago, Chicago, Illinois 1969-77

Professor, Department of Medicine, University of Chicago, Chicago, Illinois 1977-84

Blum-Riese Distinguished Service Professor, Departments of Medicine, of Molecular Genetics and Cell Biology and of Human Genetics, University of Chicago, Chicago, Illinois 1984 to present

Interim Deputy Dean for Science, Division of the Biological Sciences, University of Chicago, January 2001-November 2002

BOARD CERTIFICATION:

American Board of Medical Genetics, 1982

AWARDS AND HONORS:

Visiting Scientist, Genetics Laboratory, Department of Biochemistry, University of Oxford, 1970-71

Dameshek Prize, American Society of Hematology, 1982

Esther Langer Award, Ann Langer Cancer Research Foundation, 1983

Kuwait Cancer Prize, April 1984

The A. Cressy Morrison Award in Natural Sciences from the New York Academy of Sciences, 1985

The 1986 Woodward Visiting Professor of Medicine Memorial Sloan-Kettering Cancer Center

Texas Federation of Business and Professional Women's Clubs Past State President's Award, 1986

Karnofsky Award and Lecture, American Society of Clinical Oncology, 1987

Prix Antoine Lacassagne, Ligue Nationale Francaise Contre le Cancer, 1987

William Dameshek Visiting Professor of Hematology, Mount Sinai School of Medicine, 1988

King Faisal International Prize in Medicine (co-recipient), 1988

G.H.A. Clowes Memorial Award, American Association for Cancer Research, 1989

Katherine Berkan Judd Award, Memorial Sloan-Kettering Cancer Center, 1989

William Proctor Prize for Scientific Achievement, Sigma Xi, 1989

Charles S. Mott Prize from General Motor Cancer Research Foundation, 1989

Mary Harris Thompson MD Foundation Award, Chicago, 1990

Allen Award and Lecture (co-recipient), American Society of Human Genetics, 1991

Steven C. Beering Award, Indiana University School of Medicine, 1992

de Villiers Award, Leukemia Society of America, 1993

President, American Society of Human Genetics, 1993

Kaplan Family Prize for Cancer Research Excellence, Oncology Society, Dayton, OH, 1995

Cotlove Award and Lecture, Academy of Clinical Laboratory Physicians and Scientists, Syracuse, 1995

Ham-Wasserman Award and Lecture, American Society of Hematology, 1995

Gairdner Foundation International Awards, Toronto, 1996

Medal of Honor for Basic Research, American Cancer Society, 1996

Albert Lasker Clinical Research Award (co-recipient), 1998

National Medal of Science (co-recipient), 1998

Chicagoan of the Year – Chicago Magazine, 1999

Women Extraordinaire Award, International Women Associates, Chicago, 1999

Golden Plate Award, The American Academy of Achievement, Washington, DC, 1999

Distinguished Alumni Award, Laboratory Schools, University of Chicago, 1999

Recipient, 50th Anniversary Commemorative Award, Leukemia Society of America, 1999

YWCA, Outstanding Achievement Award, Chicago, 2000

Gold Key Award, Medical and Biological Sciences Alumni Association, University of Chicago, 2001

Philip Levine Award for Outstanding Research, American Society of Clinical Pathology, 2001

EmileM. Chamot Award, State Microscopical Society of Illinois, 2001

Mendel Medal, Villanova University, 2003

Benjamin Franklin Medal, American Philosophical Society, 2003

Distinguished Alumni Award, University of Chicago Medical and Biological Sciences Alumni Association, 2003

Henry M. Stratton Medal, American Society of Hematology, 2003

Rosalind Franklin Award, National Cancer Institute, 2004

One of 100 Most Influential Women in Chicago, Crain's Chicago Business, 2004

Conversations in Genetics (video interview), Volume 2; Genetics Society of America-American Society of Human Genetics, 2004

The Return of Child Award, Leukemia and Lymphoma Society, 2005

American College of Physicians Award for Outstanding Work in Science as Related to Mediicne, 2005

Dorothy P. Landon Foundation Prize for Translational Cancer Research, AACR 2005

Outstanding Investigator Grant, National Cancer Institute, 1986-1993, renewed 1993-2000

HONORARY SOCIETIES

Member, National Academy of Sciences, 1984

Chairman, Section 41, National Academy of Sciences, 1995-1998

Member, Institute of Medicine, 1985

Fellow, American Academy of Arts and Sciences, 1991

Member, Nominating Committee, American Academy of Arts and Sciences, 1998-2001

Member, American Philosophical Society, 1993

Member, Committee on Meetings, 2003-2006

Alpha Omega Alpha Alumnus Member, University of Chicago, 1994

Honorary Fellow, American College of Medical Genetics, 1998

Fellow, American Association for the Advancement of Science, 1998

Member, Nominating Committee (Medical Sciences), 1999-2001

Honorary Member, Phi Beta Kappa, University of Chicago Chapter, 2001

Vice President of Chapter 2002; President 2003

Honorary Fellow, Society of Hematopathology; United States and Canadian Academy of Pathology, 2002

PATENTS AWARDED:

Title: Compositions and Methods for Detection Gene Rearrangements and Translocations
Patent No. 5,487,980
Investigators: Janet D. Rowley, M.D. and Manuel O. Diaz
Date: January 30, 1996

HONORARY DEGREES:

Doctor of Science, University of Arizona, 1989

Doctor of Science, University of Pennsylvania, 1989

Doctor of Science, Knox College, Galesburg, Illinois, 1991

Doctor of Science, University of Southern California, Los Angeles, 1992

Doctor of Science, Saint Louis University, 1997

Doctor of Science, Saint Xavier University, Oak Lawn, 1999

Doctor of Science, University of Oxford (England), 2000

Doctor of Science, University of Lund (Sweden), 2003

Doctor of Science, Dartmouth University, 2004

SPECIAL LECTURES:

Caroline Standish Memorial Lecture, University of Pittsburgh, 1975

Annual Lecturer, Leukemia Research Fund, London, 1978

Keith Minor Ford Memorial Lecture, University of Rochester, 1981

Presidential Symposium--American Society of Hematology, 1982

Terry Fox Lecture, University of British Columbia, 1983

Charlotte B. Ward Lecture, Children's Hospital and Dana-Farber Cancer Institute, Harvard University Medical Center, 1983

Fae Golden Kass Lecture, Radcliffe/Harvard University, 1985

Suzanne Prather Memorial Lecture, University of Nebraska, 1986

Roma Eisenstark Cancer Research Lecture, University of Missouri, 1986

Stratton Lecturer, The XXI Congress of the International Society of Hematology, 1986

Keynote Lecture, The Third International Conference on Malignant Lymphoma, Lugano, 1987

Roswell Park Memorial Institute Distinguished Lecturer, 1988

Dr. Stanley Goldhamer Lecture, Mount Sinai Medical Center, Cleveland, 1988

Nora and Edward Ryerson Lecture, University of Chicago, 1988

Susan Furnberg M.D. Lecture, College of Physicians and Surgeons, Columbia University, 1988

Frederick Stohlmann Lecture, Meeting on Modern Trends in Human Leukemia VIII, Wilsede, Germany, 1988

Evan and Marion Helfaer Distinguished Lectureship, Medical College of Wisconsin, 1989

Plenary Lecture, Radiation Research Society Annual Meeting, 1989

Colloqium on Human Diseases, Stony Brook University, 1989

Joseph S. Keelty Lecture in Cancer, Union Memorial Hospital, Baltimore, 1990

Ben Abelson Memorial Lecture, Washington University, St. Louis, 1990

Ovchinnikov Memorial Lecture, Shemyakin Institute of Biorganic Chemistry, Moscow, 1990

Hinohara Lecture, XXth International Congress of Internal Medicine, Stockholm, 1990

Keynote Lecture, European Environmental Mutagen Society, York, England, 1990

Fourth Annual Coleman Foundation Lecture, Chicago, 1990

Sarah Stewart Memorial Lecture, Georgetown University, 1990

William C. Moloney Lecture, Brigham and Women's Hospital, Boston, 1991

Organizer and Chairman, Joint Plenary Session, AACR and ASCO, 1991

Bernard Cohen Memorial Lecture, Department of Genetics, University of Pennsylania, 1993

Distinguished Lecture Series, University of Oklahoma, Health Sciences Center, Oklahoma

City, 1994

Visiting Professor, Department of Pathology, University of Pennsylvania, Philadelphia, 1994

Katherine D. McCormick Distinguished Lecture, Stanford University, School of Medicine, Stanford, 1994

Donald D. Van Slyke Lecture, Brookhaven National Laboratory, Upton, 1994

Hilary Koprowski Lecture, Thomas Jefferson University, Philadelphia, 1994

Keystone Symposium Speaker, "Oncogenes 20 Years Later," 1995

Keynote Speaker, Acute Leukemias VI, Munster, Germany, 1995

Distinguished Lecturer, Mayo Graduate School, Rochester, MN, 1995

Nilsson-Ehle Lecture, Mendelian Society and Royal Physiographic Society, Lund, Sweden, 1995

Bristol-Myers International Symposium, Copenhagen, Denmark, 1995

Presidential Symposium, American Society of Pediatrics, Hematology/Oncology, 1995

Former Fellows of Cancer Research Fund of the Damon H. Runyon - Walter Winshell Foundation, Boston, MA, 1995

Distinguished Lecturer, Molecular and Cellular Oncology Program, George Washington University, 1995

Invited Lecture XXIII International Congress of Internal Medicine, Manila, Phillippines, 1996

Guest Lecture, Annual Meeting Radiation Research Society, 1996

Distinguished Lecture Series, Yale University Cancer Center, 1996

Invited Speaker, Sir Walter Bodmer Retirement Symposium, Royal Society, London, 1996

Invited Speaker, Symposium on Cancer Cytogenetics, International Congress of Human Genetics, Rio de Janeiro, Brazil, 1996

W. Jack Stuckey, Jr., Lecture, Tulane Cancer Center, New Orleans, 1996

British Journal of Haematology Plenary Lecture, British Society of Hematology, 1997

Peacock Memorial Lecturer in Pathology, Southwestern Medical School, 1997

Elkin Distinguished Investigators Cancer Lectureship, Emory University School of Medicine, 1997

Cosbie Lecturer, Royal College of Physicians and Surgeons, Canada, 1997

B.J. Kennedy Lecturer, University of Minnesota Medical Center, 1997

Participant, Forbeck Foundation Symposium on Treatment-Related Leukemia, 1997

Keynote Speaker, Third International FISH Symposium, Steamboat Springs, 1998

Distinguished Lecturer, Cancer Institute of New Jersey, New Brunswick, 1998

Keynote Speaker, The Chinese Society of Genetics, Taipei, Taiwan, 1998

Keynote Lecturer, Volga-Wilsede Modern Trends in Acute Leukemia,@ Wilsede, Germany and Moscow, Russia, 1998

Distinguished Lecturer, Cancer Center, Göttingen, Germany, 1998

Lecturer, Roswell Park Centennial Celebration, Buffalo, 1998

MSTP Distinguished Lecturer, UCLA, 1998

Special Lecturer, Illinois Math and Science Academy, Aurora, Illinois, 1999

Keynote Speaker, Society for Hematopathology, 1999

Keynote Speaker, Acute Leukemia Forum, 1999

Muriel Vender Millennium Lecture, Evanston Hospital, 1999

Convocation Speaker, Faculty Honors Convocation, MD Anderson Cancer Center, 1999

First Richard Brunning Lecture, University of Minnesota, 1999

Invited Speaker, Association for Molecular Pathology, 1999

Invited Speaker, Louis Wasserman Symposium, Mount Sinai Hospital, NY, 1999

Keynote Lecture, LAM Symposium, Columbia University, 1999

Invited Speaker, 50th Anniversary Symposium, Leukemia Society of America, 1999

Invited Speaker, A Century of Hematology, Seminars in Hematology Symposium, 1999

Invited Speaker and Session Chair, Keystone Symposium: Cancer, Cell Cycle and Therapeutics, 2000

Invited Speaker, Cancer Research at the Millennium, MD Anderson Cancer Center Symposium, 2000

The Margaret Pittman Lecture, The NIH Director's Series, National Institute of Health, 2000

Distinguished Women in Medicine and Science Lecture, Northwestern Medical School, 2000

Invited Speaker, Annual Scientific Conference on Genomics and Cancer, General Motors Cancer Research Foundation, 2000

Session Chair, Van Andel Research Institute Inaugural Symposium, Cancer and Molecular Genetics in the Twenty-first Century, 2000

Plenary Lecture, Leukemia 2000: towards the cure, Global Organization Against Leukemia, 2000

First Edward C. Hill Lecture, University of California, San Francisco, 2000

Invited Speaker, Spanish Society of Hematology, Bilbao, 2000

Chao Family Lecturer, University of California, Irvine, 2001

Organizer, Symposium at AACR Annual Meeting, 2001

Plenary Lecture, 10^{th} International Congress of Human Genetics, Vienna 2001

Lecture, Lucille P. Markey Trust Evaluation Meeting, 2002

Invited Speaker, Gordon Conference on Molecular Cytogenetics, 2002

Invited Speaker, Illinois Division of the American Cancer Society, 50 year Gala, 2002

Plenary Speaker, Society for Hematology and Oncology of Germany, Austria and Switzerland, Munich, 2002

Keynote Speaker, Ohio State University Medical Center Research Day, 2003

Charlotte Friend Lecture, AACR Annual Meeting, 2003

Invited Speaker, Celebration of the Genome, NIH, 2003

Second Victor McKusick Lecture, Johns Hopkins University, 2003

Distinguished Scientist Lecture, American Society of Human Genetics, 2003

Carl Moore Lecture, Washington University, 2003

Jeffery Trent Lecture, NHGRI, 2003

Special Lecturer, Lorne Cancer Conference, Australia, 2004

Keynote Speaker, Ben May Cancer Symposium, Chicago, 2004

Keynote Speaker, Annual Student Research Forum, Oregon Health Sciences University, 2004

Austin Weisburger Lecture, Case Western Reserve University, 2004

Kenneth McCredie Lecture, Leukemia Lymphoma Society, 2004

Keynote Speaker, Inland Northwest Cancer Conference, 2004

Special Lecturer, University of Minnesota Consortum on Law and Values in Health, Environment and the Life Sciences, 2005

Keynote Speaker, Women in Science, Rosalind Franklin University, North Chicago, IL, 2005

CO-ORGANIZER OF CONFERENCES AND SYMPOSIA:

International Workshops on Chromosomes in Leukemia:

First, with A. de la Chapelle, Helsinki, 1977

Second, with H. van den Berghe and A. de la Chapelle, Leuven, 1979

Third, with F. Mitelman, Lund, 1980

Fourth, with H. M. Golomb, Chicago, 1984

Chromosomes and Cancer: From Molecules to Man. Bristol-Myers Cancer Symposia with J.E. Ultmann, Chicago, 1982

Genes and Cancer. UCLA Symposia on Molecular and Cellular Biology with J.M. Bishop and M. Greaves, 1984

Chromosomal and Growth Factor Abnormalities in Leukemia. General Motors Cancer Research Foundation with AACR, with P.C. Nowell, D. Metcalf, and L. Sachs, 1990

Genomic Instability and Cancer, Keystone Symposium, with C. Harris and P. Hanawalt,

1991.

Institute of Medicine Workshop, Committee on Public Policy. Advances in understanding genetic changes in cancer: Impact on diagnosis and treatment decisions in the 1990s. Co-chair with Jeffery Sklar, 1991.

Howard Hughes Medical Institute Workshop, Chromosomal Translocations in Leukemia and Lymphoma, 1991.

International Workshop on Relationship of Balanced Chromosome Rearrangement and Prior Treatment in Treatment-Related Leukemia, 2000

MEMBERSHIP ON BOARDS:

Member (1972-1976) and Chairman (1974-1976), Board of Scientific Counselors, National Institute of Dental Research, National Institutes of Health

Member, National Cancer Advisory Board, National Cancer Institute, (1979-1984)

Member, Frederick Cancer Research Facility Advisory Committee, (1983-1985)

Member of Medical Advisory Board, Leukemia Society of America, (1979-1984)

Member, M.I.T. Corporation Visiting Committee, Department of Applied Biological Sciences (1983-1986)

Member of Selection Committee, Scholar Awards in Biomedical Science, Lucille P. Markey Charitable Trust (1984-1987)

Trustee of Adler Planetarium, Chicago (1978-Present)

Board of Directors, American Board of Medical Genetics (1982-1983)

Board of Directors, American Society of Human Genetics (1985-1988)

President, American Society of Human Genetics (1992)

Institute of Medicine Council (1988-1990)

Board of Scientific Consultants of Memorial Sloan-Kettering Cancer Center (1988-1990)

National Advisory Committee, McDonnell Foundation Program for Molecular Medicine in Cancer Research (1988-1998)

James S. McDonnell Centennial Fellow Awards Program: Selection Committee for Human Genetics (1996-1999)

Encyclopaedia Britannica Advisory Committee at the University of Chicago (1988-1995)

External Advisor, University of Colorado Cancer Center (1988-1996)

Howard Hughes Medical Institute Scientific Advisory Board (1989-1994)

Medical Advisory Board (1991-1994)

External Advisor, Dana-Farber Cancer Institute (1994-1999)

Board of Scientific Counselors, National Human Genome Research Institute, National Institutes of Health (1994-1999), Chairman (1994-1997)

National Advisory Council for National Human Genome Research Institute, National Institutes of Health (1999-2004)

The Burroughs Wellcome Fund, Advisory Committee for Career Awards in the Biomedical Sciences Program (1994-1998)

External Advisory Board, M.D. Anderson Cancer Center (1998-)

NCI Steering Committee for Leukemia and Brain Cancer in Children (1999-2002)

Medical Advisory Board, G & P Charitable Foundation, New York (1999-)

Selection Panel for Clinical Science Award, Doris Duke Charitable Foundation, New York, (2000-2002, 2004)

Co-chair Basic Cancer Research Roundtable, National Cancer Legislation Advisory Committee, Washington DC, (2000-2002)

President's Council on Bioethics, (2002-)

Member, U.S. Army Medical Research and Material Command, Chronic Myelogenous Leukemia Research Program, (2002-2004)

Member, Selection Committee for The Rosalind Franklin Young Investigator Award, The Peter Gruber Foundation, (2004-)

Member, Inaugural Council of Scientific Advising, Translational Genomics Research Institute (TGEN), (2004-); Chairman (2004-)

Member, Scientific Advisory Board, Memorial Sloan-Kettering Cancer Center, Leukemia-Lymphoma Society SCOR, (2004-)

Member, The Committee to Develop Guidelines for Human Embryonic Stem Cell Research-Life Sciences Division, NRC, National Academy of Sciences, (2004-)

MEMBERSHIP IN SOCIETIES:

American Society of Human Genetics

Genetical Society (of Great Britain)

American Society of Hematology

American Association for Cancer Research

MEMBER OF EDITORIAL BOARDS:

Co-FOUNDER and Co-EDITOR: *Genes, Chromosomes and Cancer*

Current:

Cancer Genetics and Cytogenetics
International Journal of Cancer
International Journal of Hematology
Leukemia
Oncology Research
Blood Cells, Molecular and Diseases
Proceedings of the National Academy of Science

Past:

Blood
Cancer Cells
Cancer Surveys
Cancer Research
Cytogenetics and Cell Genetics
Genomics
Hematological Oncology
Leukemia Research
Journal of Clinical Oncology

BIBLIOGRAPHY:

1. Gilbert, C.W., Muldal, S., Lajtha, L.G., Rowley, J.D. Time sequence of human chromosome duplication. Nature, 195:869-873, 1962.

1a. Rowley, J.D., A review of recent studies of chromsosmes in mongolism. American Journal of Mental Deficiency, 66(4); 529-532, 1962.

2. Rowley, J.D., Muldal, S., Gilbert, C.W., Lajtha, L.G., Lindsten, J., Fraccaro, M., Kaijser, K. Synthesis of deoxyribonucleic acid on X- chromosomes of an XXXXY male. Nature, 197:251-252, 1963.

3. Muldal, S., Gilbert, C.W., Lajtha, L.G., Lindsten, J., Rowley, J.D., Fraccaro, M. Tritiated thymidine incorporation in an isochromosome for the long arm of the X chromosome in man. Lancet I, 861-863, 1963.

4. Rowley, J.D., Muldal, S., Lindsten, J., Gilbert, C.W. ^{H3}thymidine uptake by a ring X chromosome in a human female. Proc Natl Acad Sci USA, 51:779-786, 1964.

5. Rowley, J.D., Blaisdell, R.K., Jacobson, L.O. Chromosome studies in preleukemia I. Aneuploidy of group C chromosomes in three patients. Blood, 27:782-799, 1966.

6. Rowley, J.D., Blaisdell, R.K. Karyotype of treated thrombocythaemia. Lancet II, 104-105, 1966.

7. Rowley, J.D. Uses and pitfalls of chromosomal labeling. In: Radioisotopes in Medicine: In vitro studies, 13:679-694, 1968. AEC Symposium Series.

8. Rowley, J.D. Some current problems in population cytogenetics. Proc Inst Med Chic, 27:149-151, 1968.

8a. Pergament, E., Rowley, J.D., Kadotani, T., Sato, H., Berlow, S. Chromsome Mapping of the Duffy Blood Group Locus. The Chicago Medical School Quarterly, 27(4): 216-221, 1968

9. Rowley, J.D. Cytogenetics in clinical medicine. Jour Amer Med Assoc, 207:914-919, 1969.

10. Rowley, J.D. Pergament, E. Possible non-random selection of D group chromosomes involved in centric-fusion translocations. Annals de Genet, 12:177-183, 1969.

11. Rowley, J.D. Clinical aspects of chromosome studies. Canc Jour for Clinicians, 19:299-305, 1969.

12. Rowley, J.D. Sex chromosome abnormalities and neuropsychiatric disorders. Ill

Med Jour, 137:528-530, 1970.

13. Rowley, J.D. Chromosomes in myelodysplasias. In: Myeloproliferative Disorders of Animals and Man. USAEC, 556-569, 1970. Editors: Clarke, W.J., Howard, E.B., Hackett, P.L., Washington, D.C.

14. Rowley, J.D., Potter, D., Mikuta, J. Reuse of chromosome preparations for fluorescent staining. Stain Tech, 46:97-99, 1971.

15. Rowley, J.D., Bodmer, W.F. Relationship of centromeric heterchromatin to fluorescent banding patterns of metaphase chromosomes in the mouse. Nature, 231:503-506, 1971.

16. Rowley, J.D. Loss of the Y chromosome in myelodysplasia: A report of three cases studied with quinacrine fluorescence. Brit Jour Haem, 21:717-728, 1971.

17. Rowley, J.D. Identification of a translocation with quinacrine fluorescence in a patient with acute leukemia. Annals de Genet, 16:109-112, 1973.

18. Rowley, J.D. A new consistent chromosomal abnormality in chronic myelogenous leukemia. Nature, 243:290-293, 1973.

19. Rowley, J.D. Chromosomal patterns in myelocytic leukemia. New Engl J Med, 289:220-221, 1973.

20. Rowley, J.D. Acquired trisomy 9. Lancet II, 390, 1973.

21. Rowley, J.D. Deletions of chromosome 7 in haematological disorders. Lancet II, 1385-1386, 1973.

22. Rowley, J.D. Do human tumors show a chromosome pattern specific for each etiologic agent? Jour Natl Canc Inst, 52:315-320, 1974.

23. Rowley, J.D. Absence of the 9q+ chromosome in Ph^1 negative chronic myelogenous leukemia. Jour Med Genet, 11:166-170, 1974.

24. Rowley, J.D. Identification of human chromosomes. In: Human Chromosome Methodology, 2nd edition, 17-46, 1974. Editor: Yunis, J.J., National Academy Press, New York.

25. Mayall, B.H., Carrano, A.V., Rowley, J.D. DNA cytophotometry of chromosomes in a case of chronic myelogenous leukemia. Clin Chem, 20:1080-1085, 1974.

26. Rowley, J.D. Missing sex chromosomes and translocations in acute leukemia. Lancet II, 835-836, 1974.

27. Rowley, J.D. Abnormalities of chromosome 1 in myeloproliferative disorders. Cancer, 36:1748-1757, 1975.

28. Rowley, J.D. Nonrandom chromosomal abnormalities in hematologic disorders of man. Proc Natl Acad Sci USA, 72:152-156, 1975.

29. Brynes, R.K., Golomb, H.M., Desser, R.K., Recant, W., Reese, C., Rowley, J.D. Acute monocytic leukemia: cytologic, histologic, cytochemical, ultrastructural, and cytogenetic observations. Amer Jour Clin Path, 65:471-482, 1976.

30. Rowley, J.D., Potter, D. Chromosomal banding patterns in acute nonlymphocytic leukemia. Blood, 47:705-721, 1976.

31. Rowley, J.D. The role of cytogenetics in hematology. Blood, 48:1-7, 1976.

32. Golomb, H.M., Vardiman, J.W., Rowley, J.D. Acute non-lymphocytic leukemia in adults: Correlations with Q-banded chromosomes. Blood, 48:9-21, 1976.

33. Rowley, J.D. Chromosomes in human cancer. Jour Reproductive Med, 17:36-40, 1976.

34. Golomb, H.M., Rowley, J.D., Vardiman, J.W., Baron, J.M., Locker, G., Krasnow, S. Partial deletion of the long arm of chromosome 17; a specific abnormality in acute promyelocytic leukemia? Arch Int Med, 136:825-828, 1976.

35. Rowley, J.D. The relationship of chromosomal abnormalities in neoplasia. In: Advances in Pathobiology, 4:67-73, 1976. Editor: King, D.W.

36. Rowley, J.D. Are chromosomal changes related to etiologic agents? In: Symposium on Environmental Carcinogenesis, 124-133, 1976. Editor: Scholefield, P.G.

37. Rowley, J.D., Wolman, S.R., Horland, A.A. Another variant translocation in chronic myelogenous leukemia - revisited. New Engl J Med, 295:900-901, 1976.

38. Rowley, J.D. 5q- Acute myelogenous leukemia: Reply. Blood, 48:626, 1976.

39. Rowley, J.D. The significance of nonrandom chromosomal changes in myeloproliferative disorders. Proceedings of the 16th International Congress on Hematology. Excerpta Medica, 415:915-917, 1976.

40. Rowley, J.D. Chromosomes in Malignancies. Proceedings of the 5th International Congress on Human Genetics. Excerpta Medica, 411:69-81, 1976.

41. Bitran, J.D., Golomb, H.M., Rowley, J.D. Idiopathic acquired sideroblastic anemia:

Banded chromosomal analysis in six patients. Acta Haematologica, 57:15-23, 1977.

41a. Rowley, J.D., Golomb, H.M., Vardiman, J. Acute leukemia after treatment of lymphoma. New England Journal of Medicine, 297: 1013, 1977.

42. Rowley, J.D. Population cytogenetics of leukemia. In: Population Cytogenetics. Proceedings of the Birth Defects Institute, Symposium of the New York State Health Department, 189-216, 1977. Editors: Porter, I.H., Hook, E.B., National Academy Press, New York.

43. Rowley, J.D. Are nonrandom karyotypic changes related to etiologic agents? Proceedings of Conference on the Genetics of Human Cancer, 125-136, 1977. Editors: Mulvihill, J.J., Fraumeni Jr., J.F., Raven Press, New York.

44. Bitran, J.D., Rowley, J.D., Plapp, F., Golomb, H.M., Ultmann, J.E. Chromosomal aneuploidy in a patient with hypereosinophilic syndrome: Evidence for a malignant disease. Amer Jour Med, 63:1010-1014, 1977.

45. Rowley, J.D. Nonrandom changes in malignant cells. In: Molecular Human Cytogenetics. ICN-UCLA Symposia on Molecular and Cellular Biology, VII:457-472, 1977. Editors: Sparkes, R.S., Comings, D., Fox, D.F., National Academy Press, New York.

46. Lindgren, V., Rowley, J.D. Comparable complex rearrangements involving the 8/21 and 9/22 translocations in leukemia. Nature, 266:744-745, 1977.

47. Rowley, J.D., Golomb, H.M., Dougherty, C. 15/17 translocations, a consistent chromosomal change in acute promyelocytic leukemia. Lancet I, 549-550, 1977.

48. Rowley, J.D., Golomb, H.M., Vardiman, J.W. Nonrandom chromosomal abnormalities in acute nonlymphocytic leukemia in patients treated for Hodgkin's disease and non-Hodgkin lymphomas. Blood, 50:759-770, 1977.

49. Mayall, B.H., Carrano, A.V., Moore, D.H., Rowley, J.D. Quantification by DNA-based cytophotometry of the 9q+/22q- chromosomal translocation associated with chronic myelogenous leukemia. Canc Res, 37:3590-3593, 1977.

50. Rowley, J.D., Golomb, H.M., Vardiman, J.W., Fukuhara, S., Dougherty, C., Potter, D. Further evidence for a non-random chromosomal abnormality in acute promyelocytic leukemia. Int Jour Canc, 20:869-872, 1977.

51. Rowley, J.D. Mapping of human chromosomal regions related to neoplasia: Evidence from chromosomes no. 1 and 17. Proc Natl Acad Sci USA, 74:5729-5733, 1977.

52. Rowley, J.D. A possible role for nonrandom chromosomal changes in human hematologic malignancies. In: Chromosome Today, 6:345-355, 1977. Editors: de la

Chapelle, A., Sorsa, M., Elsevier, North Holland.

53. Golomb, H.M., Lindgren, V., Rowley, J.D. Chromosome abnormalities in patients with hairy cell leukemia. Cancer, 41:1374-1380, 1978.

53a. Cimino, M.C., Roth, D.C, Golomb, H.M., Rowley, J.D. A chromsoosme marker for B-cell cancers. The New England Journal of Medicine, 298: 1422, 1978.

54. Rowley, J.D. Nonrandom involvement of chromosome segments in human hematologic malignancies. In: Differentiation of Normal and Neoplastic Hematopoietic Cells, 709-722, 1978. Editors: Clarkson, B., Marks, P.A., Till, J., Cold Spring Harbor Laboratory, New York.

55. Vardiman, J.W., Golomb, H.M., Rowley, J.D., Variakojis, D. Acute nonlymphocytic leukemia in malignant lymphoma: a morphologic study. Cancer, 42:229-242, 1978.

56. Testa, J.R., Golomb, H.M., Rowley, J.D., Vardiman, J.W., Sweet, D.L. Hypergranular promyelocytic leukemia (APL): Cytogenetic and ultrastructural specificity. Blood, 52:272-280, 1978.

57. Fukuhara, S., Rowley, J.D. Chromosome 14 translocations in non-Burkitt lymphomas. Int Jour Canc, 22:14-21, 1978.

58. Byrnes, R.K., Golomb, H.M., Gelder, F., Desser, R.K., Rowley, J.D. Case Reports: The leukemia phase of histiocytic lymphoma. Amer Jour Clin Path, 69:550-558, 1978.

59. Golomb, H.M., Vardiman, J.W., Rowley, J.D., Testa, J.R., Mintz, U. Correlation of clinical findings with quinacrine-banded chromosomes in 90 adults with acute nonlymphocytic leukemia. New Engl J Med, 299:613-619, 1978.

60. Fukuhara, S., Rowley, J.D., Variakojis, D. Banding studies of chromosomes in a patient with mycosis fungoides. Cancer, 42:2262-2268, 1978.

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