

April 2, 2017

CURRICULUM VITAE

Name: Dan L. Longo, M.D., M.A.C.P.

Date and Place of Birth: April 25, 1949; St. Louis, Missouri

Citizenship: United States

Marital Status: Married, 1971; three children

Education:

- 1966 - Graduated high school with highest honors
- 1970 - A.B., Washington University, honors research in biology
- 1975 - M.D. cum laude, University of Missouri
- 2011 - A.M., ad eundem, Harvard University

Board Certification:

- 1976 - Diplomate, National Board of Medical Examiners
- 1978 - Diplomate, American Board of Internal Medicine
- 1979 - Diplomate, Subspecialty, Medical Oncology

Brief Chronology of Employment:

- 1972-1973 - Post-Sophomore Fellow, Department of Pathology, University of Missouri, Columbia, Missouri
- 1974-1975 - Research in the Laboratory of Dr. Victor Herbert, Department of Pathology, Columbia University College of Physicians and Surgeons, New York, New York
- 1975-1976 - Medical House Officer, Peter Bent Brigham Hospital, Boston, Massachusetts
- 1976-1977 - Assistant Resident in Medicine, Peter Bent Brigham Hospital, Boston, Massachusetts
- 1975-1977 - Clinical Fellow in Medicine, Harvard Medical School, Boston, Massachusetts
- 1977-1978 - Clinical Associate, Medicine Branch, National Cancer Institute, Bethesda, Maryland
- 1978-1980 - Clinical Associate, Laboratory of Immunology, National Institute of Allergy and Infectious Disease, Bethesda, Maryland
- 1980-1982 - Senior Investigator, Medicine Branch, National Cancer Institute, Bethesda, Maryland
- 1982-1985 - Head, Experimental Immunology Section, Medicine Branch, National Cancer Institute, Bethesda, Maryland
- 1985-1995 - Director, Biological Response Modifiers Program, Associate Director, Division of Cancer Treatment, National Cancer Institute, Frederick, Maryland
- 1995-2010 - Scientific Director, National Institute on Aging, National Institutes of Health, Baltimore and Bethesda, Maryland
- 2010-pres - Deputy Editor, New England Journal of Medicine, Boston

2011-pres - Professor of Medicine, Harvard Medical School, Boston
Senior Physician, Brigham and Women's Hospital, Boston

Military Service:

U.S. Public Health Service, Commissioned Officer, 1977 to 2006 (retired 1/1/06)
Rank - Assistant Surgeon General (Rear Admiral, lower half) - 07 grade

Societies:

Sigma Xi, 1970
Alpha Omega Alpha, 1974
American Federation for Clinical Research, 1974
Phi Kappa Phi, 1975
American Society for Microbiology, 1977
American College of Physicians, 1978, Fellow, 1982, Master, 2010
MKSAP IX Oncology Subspecialty Committee, 1989-1991
MKSAP XII Oncology Subspecialty Committee, Chair, 1998-2000
MKSAP XIII Hematology/Oncology Subspecialty Committee, 2002-2003
MKSAP XIII Oncology Update, 2004-2005
MKSAP XV Reviewer, 2008
MKSAP XVI Reviewer, 2011
American Association for the Advancement of Science, 1978, Fellow, 2001
New York Academy of Sciences, 1979
American Institute of Nutrition, 1980
American Society for Clinical Nutrition, 1980
American Society of Clinical Oncology, 1980
Program Committee, 1986, 1990, 1995
Awards Committee, 1989-1992
Education Committee, 1995-1997
American Association of Immunologists, 1980
American Association for Cancer Research, 1981
Program Committee, 1991
Awards Committee, 1995
American Society of Hematology, 1984
Scientific Subcommittee on Neoplasia, 1989-1992, chair 1990
Program Committee, 1994, 1996
Scientific Subcommittee on Hematology and Aging, 2007-pres, chair 2007-pres
American Society for Clinical Investigation, 1985
Clinical Immunology Society, 1987, Councilor 1987-1990
Society for Leukocyte Biology, 1992
International Cytokine Society, 1994
Molecular Medicine Society, Fellow, 1995
American Geriatrics Society, 1997
Oncology section of Geriatrics Review Syllabus, volume 5, 2004
Oncology section of Geriatrics Review Syllabus, volume 6, 2006
Oncology section of Geriatrics Review Syllabus, volume 7, 2008
American Society for Cell Biology, 1997
American Society for Clinical Pharmacology and Therapeutics, 1998
American Society for Blood and Marrow Transplantation, 1999

Association of American Physicians, 2001
Society for Clinical and Translational Science, 2009
Member, Publications Committee, 2009
American Clinical and Climatological Association, 2011

Honors and Other Special Scientific Recognition:

1965, Harvard Book Award
1966, University of Missouri Curators Award
1975-76 and 1976-77, Radiology Case-of-the-Week Award, Peter Bent Brigham
Hospital

At the University of Missouri School of Medicine:

1971, Physiology Award
1972-3, Post-Sophomore Fellowship in Pathology
1973, Lange Book Award
1974, Alpha Omega Alpha
1974, Lange Book Award
1975, Phi Kappa Phi
1975, Internal Medicine Award
1987, Young Physician Award (by Alumni Association)
1997, Citation of Merit for Contributions to Medicine (by Alumni Association)

United States Public Health Service:

1984, Outstanding Unit Citation
1987, Commendation Medal
1988, Unit Commendation
1992, Outstanding Service Medal
1993, NIH Merit Award
1996, NIH Director's Award
2005, Outstanding Service Medal
2010, NIH Director's Award

Other Awards:

1992-1993, Listing in *The Best Doctors in America*, First Edition, Edited by
Naifeh, S. and Smith, G.W., Woodward/White, Inc. Publishers, pp. 165.
1992, Listing in *Good Housekeeping Magazine* "400 Best Cancer Doctors",
October Issue
1992, Tovi Comet-Walerstein Award, Cancer AIDS and Immunology Research
Institute, Bar-Ilan University, Ramat-Gan, Israel--presented June 6, 1993
1994-1995, Listing in *The Best Doctors in America*, Second Edition, Edited
by Naifeh, S. and Smith, G.W., Woodward/White, Inc. Publishers,
pp. 269.
1996-1997, Listing in *The Best Doctors in America*, Third Edition, Edited by
Naifeh, S. and Smith, G.W., Woodward/White, Inc. Publishers,
1998-1999, Listing in *The Best Doctors in America*, Fourth Edition
2000-2001, Listing in *The Best Doctors in America*, Fifth Edition
2001-pres, Listing in every edition of *The Best Doctors in America*
2002 Listing in ISI's Highly Cited Researchers

Other Awards (continued):

- 2002 Elected to Membership in the European Academy of Sciences
- 2005 Top 1% of cited authors in life sciences
- 2010 Team Science Recognition Award, International Society for Biologic Therapy
- 2015 Washington University School of Arts and Sciences Distinguished Alumni Award

Plenary or Named Lectures:

- 1986 - Don Monti Lecture, North Shore Hospital, Long Island, New York
- 1989 - "Biologic Response Modifiers in Breast Cancer", Plenary Lecture, 12th Annual San Antonio Breast Cancer Symposium, San Antonio, Texas
- 1992 - "The Development of IL-1 and IL-2 in Cancer Treatment", 1992 Patricia Trost Friedler Oncology Lectureship, Touro Infirmary, New Orleans, Louisiana
- 1992 - "Treatment of Aggressive Lymphoma: Recent Progress and Future Prospects", 8th Nagoya International Symposium on Cancer Treatment - Cancer Chemotherapy Challenges for the Future, Nagoya, Japan
- 1993 - "Rappaport's Legacy: Order from Chaos and Its Influence on the Clinical Approach to Lymphomas", Colloquium on Lymphoproliferative Disease, Honoring Henry Rappaport, M.D., Distinguished Physician on the Occasion of his 80th Birthday, City of Hope National Medical Center, Duarte, California
- 1993 - "The Treatment of Aggressive Non-Hodgkin's Lymphomas", Sixth Annual Meltzer Lecture, Atlanta, Georgia
- 1995 - "Tumor-Induced Alterations in T-Cell Function", 1995 Symposium on Receptor Editing, University of Maryland Immunology Group, Baltimore, Maryland
- 1995 - Bartell Visiting Professor, University of California, San Diego Cancer Center, La Jolla, California
- 1996 - Jonas Lecture, Washington University School of Medicine, St. Louis, Missouri
- 1996 - Distinguished Visiting Professor, Department of Medicine, Duke University Medical Center, Durham, North Carolina
- 1997 - Presidential Symposium, American Society of Clinical Oncology 33rd Annual Meeting, Denver, Colorado
- 2008 - Patrick Henry Lecture, St. John's Mercy Hospital, St. Louis, Missouri
- 2011 - Commencement address to the Class of 2011, University of Missouri School of Medicine, Columbia
- 2011 - Milton D. Overholser Lecture, University of Missouri School of Medicine, Columbia
- 2014 - Visiting Professor, University of Parma School of Medicine, Parma, Italy
- 2014 - Visiting Professor, Iowa Methodist Hospital, Des Moines, Iowa

Other Academic Activities:

- 1981 - 1991 Assistant Editor, *American Journal of Clinical Nutrition*
- 1985 - 1999 Editor, *Clinical Oncology Alert*
- 1987 - 1999 Editor, *Cancer Chemotherapy and Biological Response Modifiers Annual*
- 1987 - 1999 Associate Editor, *Cancer Research*
- 1987 - present Associate Editor, *Journal of the National Cancer Institute*
- 1988 - 1995 Associate Editor, *Year Book of Oncology*
- 1988 - 1992 Associate Editor, *Journal of Immunology*
- 1989 - 1997 Associate Editor, *Journal of Immunotherapy*

1990 - 2010	Editorial Board, <i>Critical Reviews in Oncology/Hematology</i>
1991 - 1993	Editorial Board, <i>Clinical Digest Series-Oncology</i>
1992 - 1996	Associate Editor, <i>Therapeutic Immunology</i>
1993 - 1997	Editorial Board, <i>Blood</i>
1993 - present	Editorial Board, <i>International Journal of Oncology</i>
1994 - 2001	Associate Editor, <i>Clinical Cancer Research</i>
1995 - 2000	Editorial Board, <i>Annals of Oncology</i>
1995 - present	Editor, <i>Harrison's Principles of Internal Medicine</i>
1995 - present	Editor, <i>Cancer Chemotherapy and Biotherapy: Principles and Practice</i>
1996 - 1998	Editorial Board, <i>Oncology</i>
1996 - 2002	Editorial Board, <i>Stem Cells</i>
1997 - 1999	Associate Editor, <i>Cancer Therapeutics</i>
1997 - 2001	Associate Editor, <i>Blood</i>
1998 - present	Editorial Board, <i>American Journal of Medicine</i>
1998 - 2004	Section Editor, Aging, <i>Clinical Immunology</i>
2000 - 2001	Editor, <i>Annual of Lymphoid Malignancies</i>
2000 - 2010	Editorial Board, <i>Clinical Lymphoma</i>
2001 - 2010	Editorial Board, <i>Ageing Research Reviews</i>
2001 - 2014	Associate Editor, <i>Pharmacological Reviews</i>
2002 - 2006	Editorial Board, <i>Horizons in Cancer Treatment</i>
2004 - 2014	Editorial Board, <i>BMC Blood Diseases</i>
2005 - 2016	Associate Editor, <i>Journal of Gerontology: Medical Sciences</i>
2006 - 2010	Editor-in-Chief, <i>Hot Topics in Oncology</i>
2008 - present	Editor, <i>Harrison's Handbook of Oncology</i>
2009 - present	Associate Editor, <i>Journal of Gerontology: Biological Sciences</i>
2010 - present	Deputy Editor, <i>New England Journal of Medicine</i>
2013 - 2015	Hematologic Malignancies Section Editor, <i>BMC Hematology</i>

Service on Advisory Boards:

1987 - 1989	Scientific Advisory Board to University of Kansas and Kansas State University for the Wesley Foundation Scholars Program, Kansas City
1994 - present	Honorary Medical Board, Lymphoma Research Foundation of America, Los Angeles
1996 - present	Scientific Advisory Board, Institute for Advanced Studies in Aging and Geriatric Medicine, Washington, D.C.
1998 - 2000	Medical and Scientific Committee, Leukemia Society of America, New York

Patents held:

- #5,296,353 -- Ochoa, et al. "Evaluation and Treatment of Patients with Progressive Immunosuppression, issued 3/22/94
- #5,316,763 -- Ochoa, et al. "Short-term anti-CD3 Stimulation of Lymphocytes to Increase Their In Vivo Activity," issued 5/31/94
- #5,455,032 -- Kenny, et al. "Use of Phosphocholine Hapten Conjugates in Vaccines", issued 10/3/95
- #5,556,763 -- Ochoa, et al. "Evaluation and Treatment of Patients with Progressive Immunosuppression," issued 9/17/96
- #5,583,002 -- Ochoa, et al. "Evaluation and Treatment of Patients with Progressive Immunosuppression," issued 12/10/96

#5,658,744 – Ochoa, et al. “Methods of identifying patients having altered immune status,” issued 8/19/97

#5,674,492 -- Armitage, et al. “Method of Preventing or Treating Disease Characterized by Neoplastic Cells Expressing CD40,” issued 10/7/97

#5,725,855 -- Ochoa, et al. “Method of Treating Tumors with CD8 Enriched or Depleted or CD4 Enriched or Depleted T-Cell Populations,” issued 3/10/98

#5,861,158 – Kwak, et al. “Method and Composition for Transfer of Active Tumor-specific Immunization from an Immunized Allogeneic Bone Marrow Donor,” issued 1/19/99

#5,889,143 – Ochoa, et al. “Evaluation and Treatment of Patients with Progressive Immunosuppression,” issued 3/30/99

#5,965,366 – Ochoa, et al. “Methods of Identifying Patients Having an Altered Immune Status,” issued 10/12/99

#8,258,278 – Arya, et al., “Methods and compositions for the treatment and prevention of cancer” issued 9/4/2012

Application #20110014204 Feinberg, et al., “Cancer chemoprevention strategy based on loss of imprinting of igf2”

BIBLIOGRAPHY

1. Longo, D., Kwan, C., Cherrick, H., and Apirion, D.: *Escherichia coli* strains with modified RNase II activity: isolation and properties. *Molec. Gen. Genetics* 110: 54-60, 1971. PMID: 4927442
2. Corte, G., Schlessinger, D., Longo, D., and Venkov, P.: Transformation of 17S to 16S ribosomal RNA using ribonuclease II of *Escherichia coli*. *J. Molec. Biol.* 60: 325-338, 1971. PMID: 4938733
3. Venkov, P., Schlessinger, D., and Longo, D.: Inhibition of ribonuclease II of *Escherichia coli* by sodium ions, adenosine-5'-triphosphate, and transfer ribonucleic acid. *J. Bacteriol.* 108: 601-603, 1971. PMID: 4941574
4. Longo, D.L.: Mechanisms of renal disease. An audiovisual educational tool to introduce the genitourinary system in a course in systemic pathology. University of Missouri-Columbia Educational Resources Group, 1974.
5. Longo, D.L. and Herbert, V.: Radioassay for serum and red cell folate. *J. Lab. Clin. Med.* 87: 138-151, 1976. PMID: 1452
6. Longo, D.L., Senhauser, D.A., Taylor, D.D., and Lucas, F.V.: University of Missouri-Columbia School of Medicine Postsophomore Pathology Fellowship Program. *J. Med. Education* 51: 340-342, 1976. PMID: 1255694
7. Mease, A.D., Longo, D.L., and Hakami, N.: Sicklemia and unexpected death in sickle cell trait: observations of five cases. *Military Med.* 141: 470-473, 1976. PMID: 819874
8. Colman, N., Longo, D.L., and Herbert, V.: Folate radioassay and crude milk binder. *Blood* 48: 626-627, 1976. PMID: 822901
9. Grim, C.E., Keitzer, W.F., Esterly, J.A., and Longo, D.L.: The inappropriate secretion of aldosterone associated with adrenal hyperplasia. *University of Michigan Med. J.* 42: 54-59, 1976.
10. Longo, D.L.: Hypokalemia in leukemia. *Blood* 50: 749, 1977. PMID: 901944
11. Longo, D.L. and Larsen, P.R.: Evaluation of suspected thyroid dysfunction. *Comprehensive Therapy* 3: #11, 16-22, 1977. PMID: 923198
12. Longo, D.L., Esterly, J.A., Grim, C.E., and Keitzer, W.F.: Pathology of the adrenal gland in refractory low-renin hypertension. *Arch. Pathol. Lab. Med.* 102: 322-327, 1978. PMID: 580727

13. Das, K.C., Herbert, V., Colman, N., and Longo, D.L.: Unmasking covert folate deficiency in iron-deficient subjects with neutrophil hypersegmentation: dU suppression tests on lymphocytes and bone marrow. *Br. J. Haematol.* 39: 357-375, 1978. PMID: 698114
14. Longo, D.L., Whang-Peng, J., Jaffe, E., Triche, T.J., and Young, R.C.: Myeloproliferative syndromes: a unique presentation of chronic myelogenous leukemia (CML) as a primary tumor of bone. *Blood* 52: 793-801, 1978. PMID: 278632
15. Brereton, H.D., Young, R.C., Longo, D.L., Kirkland, L.R., Berard, C.W., Jaffe, E.S., DeVita, V.T., and Johnson, R.E.: A comparison between combination chemotherapy and total body irradiation plus combination chemotherapy in non-Hodgkin's lymphoma. *Cancer* 43: 2227-2231, 1979. PMID: 378350
16. Longo, D.L. and Young, R.C.: Cosmetic talc and ovarian cancer. *Lancet* ii: 349-351, 1979. PMID: 89403 Letter, ii, 1009-1012, 1979. PMID: 91731
17. Longo, D.L. and Witherspoon, J.M.: Focal neurologic symptoms in hypercalcemia. *Neurology* 30: 200-201, 1980. PMID: 7188801
18. Kirkland, T.N., Sieckmann, D.G., Longo, D.L., and Mosier, D.E.: Cellular requirements for antigen presentation in the induction of a thymus-independent antibody response *in vitro*. *J. Immunol.* 124: 1721-1726, 1980. PMID: 6965958
19. Longo, D.L. and Young, R.C.: Ovarian cancer: current treatment and new prospects. In van Ossterom, A. and Muggia, F.M. (Eds.): *Therapeutic Progress in Ovarian Cancer, Testicular Cancer and the Sarcomas*. The Hague, Martinus Nijhoff Publishers, 1980, pp. 61-75.
20. Longo, D.L., Schilsky, R.L., Blei, L., Cano, R., Johnston, G.S., and Young, R.C.: Gallium-67 scanning: limited usefulness in staging patients with non-Hodgkin's lymphoma. *Am. J. Med.* 68: 695-700, 1980. PMID: 6769331
21. Longo, D.L. and Schwartz, R.H.: Gene complementation: neither Ir-GLN gene need be present in the proliferative T cell to generate an immune response to poly (Glu⁵⁵Lys³⁶Phe⁹)n. *J. Exp. Med.* 151: 1452-1467, 1980. PMID: 6770025
22. Longo, D.L.: More on lithium and leukemia. *N. Engl. J. Med.* 303: 283, 1980. PMID: 7383116
23. Longo, D.L. and Schwartz, R.H.: T-cell specificity for H-2 and Ir gene phenotype correlates with the phenotype of thymic antigen-presenting cells. *Nature* 287: 44-46, 1980. PMID: 6774265
24. Longo, D.L. and Schwartz, R.H.: Inhibition of antigen-induced proliferation of T cells from radiation-induced bone marrow chimeras by a monoclonal antibody directed against an Ia

- determinant on the antigen-presenting cell. *Proc. Natl. Acad. Sci. USA* 78: 514-518, 1981. PMID: 6165995
25. Longo, D.L., Matis, L.A., and Schwartz, R.H.: Insights into immune response gene function from experiments with chimeric animals. *CRC Crit. Rev. Immunol.* 2: 83-132, 1981.
 26. Longo, D.L. and Young, R.C.: The natural history and treatment of ovarian cancer. *Annu. Rev. Med.* 32: 475-490, 1981. PMID: 7013683
 27. Seigel, L.J. and Longo, D.L.: The control of chemotherapy-induced emesis. *Ann. Intern. Med.* 95: 352-359, 1981. PMID: 7023313
 28. Rubinstein, D.B. and Longo, D.L.: Peripheral destruction of platelets in chronic lymphocytic leukemia: recognition, prognosis and therapeutic implications. *Am. J. Med.* 71: 729-732, 1981. PMID: 7025627
 29. Glimcher, L.H., Longo, D.L., Green, I., and Schwartz, R.H.: Murine syngeneic mixed lymphocyte response. I. Target antigens are self Ia molecules. *J. Exp. Med.* 154: 1652-1670, 1981. PMID: 6170721
 30. Longo, D.L., Young, R.C., and DeVita, V.T.: What is so good about the 'good prognosis' lymphomas? In Williams, C.J. and Whitehouse, J.M.A. (Eds.): *Recent Advances in Clinical Oncology*, No. 1. Edinburgh, Churchill-Livingstone, Ltd., 1982, pp. 223-231.
 31. Longo, D.L. and Paul, W.E.: Immune response genes and Ia antigens. The relationships between them and their role in lymphocyte interactions. In Parham, P. and Strominger, J.L. (Eds.): *Histocompatibility Antigens Structure and Function*. London, Chapman & Hall, Ltd., 1982, pp. 161-185.
 32. Tse, H.Y., Mond, J.J., and Longo, D.L.: B lymphocyte immune response gene phenotype is genetically determined. *J. Exp. Med.* 155: 1239-1244, 1982. PMID: 6801187
 33. Longo, D.L., Young, R.C., and DeVita, V.T., Jr.: Chemotherapy for Hodgkin's disease: the remaining challenges. *Cancer Treat. Rep.* 66: 925-936, 1982. PMID: 7042091
 34. Schwartz, R.H., Glimcher, L.H., Hedrick, S.M., Singer, A., and Longo, D.L.: Restriction to thymic major histocompatibility complex (MHC) and immune response (Ir) phenotype of T cells from allogeneic chimeras. Behring Institute Research Communications. 70: 155-162, 1982 (meeting summarized in *Science* 214: 893-896, 1981).
 35. Blayney, D.W. and Longo, D.: Case 44-1981: radiation-induced pericarditis. *N. Engl. J. Med.* 306: 550, 1982.
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38. Longo, D.L. and DeVita, V.T., Jr.: Lymphomas. In Pinedo, H.M. (Ed.): *Cancer Chemotherapy Annual 4*. Amsterdam, Elsevier Science Publishers B.V., 1982, pp. 197-234.
39. Longo, D.L., Wesley, M., Howser, D., Hubbard, S.M., Anderson, T., and Young, R.C.: Results of a randomized double-blind crossover trial of scopolamine versus placebo administered by transdermal patch for the control of cisplatin-induced emesis. *Cancer Treat. Rep.* 66: 1975-1976, 1982. PMID: 6890407
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42. Blayney, D.W. and Longo, D.L.: Ovarian cancer: epidemiology, diagnosis, and management. *Comprehensive Therapy* 9: 50-58, 1983. PMID: 6831853
43. Matis, L.A., Longo, D.L., Hedrick, S.M., Hannum, C., Margoliash, E., and Schwartz, R.H.: Clonal analysis of the major histocompatibility complex restriction and the fine specificity of antigen recognition in the T cell proliferative response to cytochrome *c*. *J. Immunol.* 130: 1527-1535, 1983. PMID: 6187812
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45. Matis, L.A., Glimcher, L., Lindgren, A., Longo, D.L., and Schwartz, R.H.: The effect of nominal antigen and Ia molecule concentrations on the magnitude of the proliferative response of T cell clones. In Pierce, C.W., Cullen, S.E., Kapp, J.A., Schwartz, B.D., and Shreffler, D.C. (Eds.): *Ir Genes: Past, Present, and Future. The Proceedings of the 5th Ir Gene Workshop*. New Jersey, Humana Press, 1983, pp. 439-443.

46. Fisher, R.I., DeVita, V.T., Jr., Hubbard, S.M., Longo, D.L., Wesley, R., Chabner, B.A., and Young, R.C.: Diffuse aggressive lymphomas: increased survival after alternating flexible sequences of ProMACE and MOPP chemotherapy. *Ann. Intern. Med.* 98: 304-309, 1983. PMID: 6600902
47. Longo, D.L. and Fisher, R.I.: Medical problems in long-term survivors of Hodgkin's disease. *Internal Medicine for the Specialist* 4: 165-171, 1983.
48. Longo, D.L. and Davis, M.L.: Early appearance of donor-type antigen-presenting cells in the thymuses of 1200 R radiation-induced bone marrow chimeras correlates with self-recognition of donor I region gene products. *J. Immunol.* 130: 2525-2527, 1983. PMID: 6406592
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51. Hecht, T.T., Longo, D.L., and Matis, L.A.: The relationship between immune interferon production and proliferation in antigen-specific, MHC-restricted T cell lines and clones. *J. Immunol.* 131: 1049-1055, 1983. PMID: 6193170
52. Macher, A.M., Reichert, C.M., Straus, S.E., Longo, D.L., Parrillo, J., Lane, H.C., Fauci, A.S., Rook, A.H., Manischewitz, J.F., and Quinnan, G.V.: Death in the AIDS patient: role of cytomegalovirus. *N. Engl. J. Med.* 309: 1454, 1983. PMID: 6314141
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55. Fisher, R.I., Portlock, C.S., and Longo, D.L.: Hodgkin's disease. In Golomb, H. (Ed.): *Hematology, 1983*. San Francisco, American Society of Hematology, 1983, pp. 24-29.
56. Hathcock, K.S., Singer, A., Davis, M., Longo, D., and Hodes, R.J.: The role of polymorphic MHC products in determining the T cell self-recognition repertoire. In Parker, J.W., and O'Brien, R.L. (Eds.): *Intercellular Communication in Leucocyte Function*. New York, John Wiley & Sons Ltd., 1983, pp. 377-380.

57. Marti, G.E., Folks, T., Longo, D.L., and Klein, H.: Therapeutic cytapheresis in chronic lymphocytic leukemia. *J. Clin. Apheresis* 1: 243-248, 1983. PMID: 6336269
58. Armstrong, G., Longo, D., Faggioni, A., Ablashi, D., Pearson, G., and Slovin, S.: Detection and isolation of Epstein-Barr virus in lymphocytes from patients with chronic B-lymphocytic leukemia. In Magrath, I.T., O'Connor, G.T., and Ramot, B. (Eds.): *Role of Environment in Pathogenesis of Leukemia and Lymphoma*. New York, Raven Press, 1984, pp. 259-262.
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Supplemental Information

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