

---

## PUBLICATIONS

1. Eichwald, E.J. and I. Weissman, Bibliography of tumor transplantation. Addendum No. 2. *Transplant Bull*, 1957. 4(2): p. 88-100.
2. Eichwald, E.J., C.R. Silmsler, and I. Weissman, Sex-linked rejection of normal and neoplastic tissue. I. Distribution and specificity. *J Natl Cancer Inst*, 1958. 20(3): p. 563-75.
3. Eichwald, E.J., E.C. Lustgraaf, I. Weissman, and M. Strainer, Attempts to demonstrate sex-linked histocompatibility genes. *Transplant Bull*, 1958. 5(4): p. 387-8.
4. Eichwald, E.J., E.C. Lustgraaf, R.B. Fuson, and I. Weissman, Parabiatic anemia-polycythemia. *Proc Soc Exp Biol Med*, 1961. 106: p. 441-3.
5. Weissman, I.L. and E.C. Lustgraaf, Antibody formation and repressor systems. *Transplant Bull*, 1961. 28: p. 134-5.
6. Eichwald, E.J., M. Anthony, I.L. Weissman, and E.C. Lustgraaf, The "white graft" reaction and parabiosis. *Ann N Y Acad Sci*, 1962. 99: p. 606-610.
7. Eichwald, E.J., I.L. Weissman, J. Kowalchuk, and E.C. Lustgraaf, Parabiatic shifts and the H-2 locus. *J Natl Cancer Inst*, 1963. 30: p. 783-794.
8. Weissman, I.L., Specific "conditioning" of the host, in *Tissue Transplantation*, E.J. Eichwald, Editor. 1963, Academic Press, Inc. p. 160-177.
9. Weissman, I.L., T.J. Barclay, and H.S. Kaplan, Age effect on thymus graft regeneration and immunologic restoration of thymectomized hosts, in *The Thymus*. 1964. p. 102-4.
10. Barclay, T.J. and I.L. Weissman, The effect of millipore filter pore size on immunological restoration of thymectomized hosts, in *The Thymus*. 1964. p. 117-20.
11. Weissman, I.L., Studies on the mechanism of split tolerance in mice. *Transplantation*, 1966. 4(5): p. 565-71.
12. Eichwald, E.J. and I.L. Weissman, Weak histo compatibility loci mice. *Annals of the New York Academy of Sciences*, 1966. 129(1): p. 94-101.
13. Kennedy, L.J., Jr. and I.L. Weissman, Dual origin of intimal cells in cardiac-allograft arteriosclerosis. *N Engl J Med*, 1971. 285(16): p. 884-7.
14. Weissman, I.L., Thymus cell migration. *J Exp Med*, 1967. 126(2): p. 291-304.
15. Weissman, I., Genetic and histochemical studies on mouse spleen black spots. *Nature*, 1967. 215(98): p. 315.

16. Weissman, I.L., The role of the thymus and extrathymic factors in the development of immune competence, in *Developmental Aspects of Antibody Formation and Structure, Vol. I. Symposium. 474p. Illus. Academic Press: New York, N.Y., U.S.a.; London, England. 1970. 55-67.*, J. Sterzl and R. I. Editors. 1970.
17. Eltringham, J.R. and I. Weissman, Regional lymph node irradiation: effect on immune responses. *Radiology*, 1970. 94(2): p. 438-41.
18. Eltringham, J.R. and I.L. Weissman, Differential effects of local lymphoid irradiation on delayed hypersensitivity and the serum antibody response in rats: antigen injection before x-rays. *J Immunol*, 1971. 106(5): p. 1185-90.
19. Eisenberg, R.A. and I.L. Weissman, Antibody inhibition of the immune response: experimental analysis of the site of action in vivo. *J Immunol*, 1971. 106(1): p. 143-9.
20. Gutman, G.A. and I.L. Weissman, The bone marrow origin of lymphoid primary follicle small lymphocytes, in *Morphological and Functional Aspects of Immunity*, Lindahl-Kiessling, Alm, and Hanna, Editors. 1971, Plenum Publishing Corporation. p. 595-602.
21. Baird, S., J. Santa, and I. Weissman, Anti-theta antisera may contain anti-allotype contamination. *Nat New Biol*, 1971. 232(28): p. 56.
22. Gutman, G.A. and I.L. Weissman, Inheritance and strain distribution of a rat immunoglobulin allotype. *J Immunol*, 1971. 107(5): p. 1390-3.
23. Weissman, I.L., Tumor immunology. *Calif Med*, 1971. 114(3): p. 76-8.
24. Mitchell, G.F., E.L. Chan, M.S. Noble, I.L. Weissman, R.I. Mishell, and L.A. Herzenberg, Immunological memory in mice. 3. Memory to heterologous erythrocytes in both T cell and B cell populations and requirement for T cells in expression of B cell memory. Evidence using immunoglobulin allotype and mouse alloantigen theta markers with congenic mice. *J Exp Med*, 1972. 135(2): p. 165-84.
25. Gutman, G.A. and I.L. Weissman, Lymphoid tissue architecture. Experimental analysis of the origin and distribution of T-cells and B-cells. *Immunology*, 1972. 23(4): p. 465-79.
26. Weissman, I.L., S. Nord, and S. Baird, Immunotherapy and immunodiagnosis of metastatic neoplasms: Prospects and progress, in *Frontiers Radiat Ther Oncol*, J. Vaeth, Editor. 1972, S. Karger A.G. and University Park Press. p. 161-178.
27. Weissman, I., D. Lannin, L. Jerabek, and T. Berclay, Cellular immunity to heterologous erythrocytes in vitro. I. The role of surface-adherent cells and specific mediators in an effector mechanism. *Cell Immunol*, 1973. 7(2): p. 222-36.
28. Witte, O.N., I.L. Weissman, and H.S. Kaplan, Structural characteristics of some murine RNA tumor viruses studied by lactoperoxidase iodination. *Proc Natl Acad Sci U S A*, 1973. 70(1): p. 36-40.
29. Weissman, I.L., Transfer of tolerance. *Transplantation*, 1973. 15(3): p. 265-9.

30. Weissman, I.L., Thymus cell maturation. Studies on the origin of cortisone-resistant thymic lymphocytes. *J Exp Med*, 1973. 137(2): p. 504-10.
31. Weissman, I.L., M. Peacock, and J.R. Eltringham, Regional lymph node irradiation: effect on local and distant generation of antibody forming cells. *J Immunol*, 1973. 110(5): p. 1300-6.
32. Weissman, I.L., Tumor immunity in vivo: evidence that immune destruction of tumor leaves "bystander" cells intact. *J Natl Cancer Inst*, 1973. 51(2): p. 443-8.
33. Weissman, I.L., Failure to demonstrate postnatal testicular dependent expression of the male-specific transplantation antigen in mice. *Transplantation*, 1973. 16(2): p. 122-5.
34. Gutman, G.A. and I.L. Weissman, Homing properties of thymus-independent follicular lymphocytes. *Transplantation*, 1973. 16(6): p. 621-9.
35. Nord, S. and I.L. Weissman, Radiolabeled antitumor antibodies. I. Antibody-specific and immunoglobulin-specific binding sites on Moloney lymphoma cells (LSTRA). *J Natl Cancer Inst*, 1974. 53(1): p. 117-24.
36. Nord, S. and I.L. Weissman, Radiolabeled antitumor antibodies. II. Quantitative analysis of Moloney tumor antigens on Moloney lymphoma cells (LSTRA). *J Natl Cancer Inst*, 1974. 53(1): p. 125-30.
37. Greenspan, J.S., G.A. Gutman, I.L. Weissman, and N. Talal, Thymus-antigen- and immunoglobulin-positive lymphocytes in tissue infiltrates of NZB/NZW mice. *Clin Immunol Immunopathol*, 1974. 3(1): p. 16-31.
38. Greenspan, J.S., G.A. Gutman, N. Talal, I.L. Weissman, and S. Sugai, Thymus-antigen- and immunoglobulin- positive cells in lymph-nodes, thymus, and malignant lymphomas of NZB/NZW mice. *Clin Immunol Immunopathol*, 1974. 3(1): p. 32-51.
39. Klein, J., S. Livnat, V. Hauptfeld, L. Jerabek, and I. Weissman, Production of anti-H-2 antibodies in thymectomized mice. *Eur J Immunol*, 1974. 4(1): p. 41-4.
40. Nord, S. and I.L. Weissman, Radiolabeled antitumor antibodies. III. Highly iodinated and highly radioiodinated antibodies. *J Natl Cancer Inst*, 1974. 53(4): p. 959-65.
41. Friedberg, S.H. and I.L. Weissman, Lymphoid tissue architecture. II. Ontogeny of peripheral T and B cells in mice: evidence against Peyer's patches as the site of generation of B cells. *J Immunol*, 1974. 113(5): p. 1477-92.
42. Witte, O.N. and I.L. Weissman, Polypeptides of Moloney sarcoma-leukemia virions: their resolution and incorporation into extracellular virions. *Virology*, 1974. 61(2): p. 575-87.
43. Witte, O.N. and I.L. Weissman, Membrane proteins of MSV-MLV: their role in virion-virion interactions in vitro. *Virology*, 1974. 61(2): p. 588-93.
44. Weissman, I.L., G.A. Gutman, and S.H. Friedberg, Tissue localization of lymphoid cells. *Ser Haematol*, 1974. 7(4): p. 482-504.

45. Weissman, I.L., S. Nord, and R.L. Ellis. Radiolabeled antibodies: Their potential as quantitative tools in vitro and in vivo tumor diagnosis. in *Interaction of Radiation and Host Immune Defense Mechanisms in Malignancy*. 1974.
46. Eltringham, J.R. and I.L. Weissman. Primary and secondary immune response related to radiation exposure: Localized irradiation. in *Interaction of Radiation and Host Immune Defense Mechanisms in Malignancy*. 1974.
47. Fathman, C.G., M. Small, L.A. Herzenberg, and I.L. Weissman, Thymus cell maturation. II. Differentiation of three "mature" subclasses in vivo. *Cell Immunol*, 1975. 15(1): p. 109-28.
48. Weissman, I.L., M. Small, C.G. Fathman, and L.A. Herzenberg, Differentiation of thymus cells. *Fed Proc*, 1975. 34(2): p. 141-4.
49. Weissman, I.L., Development and distribution of immunoglobulin-bearing cells in mice. *Transplant Rev*, 1975. 24: p. 159-76.
50. Weissman, I.L. and R. Levy, In vitro cortisone sensitivity of in vivo cortisone-resistant thymocytes. *Isr J Med Sci*, 1975. 11(9): p. 884-8.
51. Weissman, I.L., T. Masuda, C. Olive, and S.H. Friedberg, Differentiation of migration of T lymphocytes. *Isr J Med Sci*, 1975. 11(12): p. 1267-77.
52. Gutman, G.A. and I.L. Weissman, Evidence that uridine incorporation is not a selective marker for mouse lymphocyte subclasses. *J Immunol*, 1975. 115(3): p. 939-40.
53. Trowbridge, I.S., I.L. Weissman, and M.J. Bevan, Mouse T-cell surface glycoprotein recognised by heterologous anti-thymocyte sera and its relationship to Thy-1 antigen. *Nature*, 1975. 256(5519): p. 652-4.
54. Decleve, A., M. Travis, I.L. Weissman, M. Lieberman, and H.S. Kaplan, Focal infection and transformation in situ of thymus cell subclasses by a thymotropic murine leukemia virus. *Cancer Res*, 1975. 35(12): p. 3585-95.
55. Cantor, H. and I. Weissman, Development and function of subpopulations of thymocytes and T lymphocytes. *Prog Allergy*, 1976. 20: p. 1-64.
56. Weissman, I.L., G.A. Gutman, S.H. Friedberg, and L. Jerabek, Lymphoid tissue architecture. III. Germinal centers, T cells, and thymus-dependent vs thymus-independent antigens. *Adv Exp Med Biol*, 1976. 66: p. 229-37.
57. Witte, O.N. and I.L. Weissman, Oncornavirus budding: kinetics of formation and utilization of viral membrane glycoprotein. *Virology*, 1976. 69(2): p. 464-73.
58. Weissman, I.L., T cell maturation and the ontogeny of splenic lymphoid architecture, in *Immuno-Aspects of the Spleen*, J.R. Battisto and J.W. Steilein, Editors. 1976, Elsevier/North Holland Biomedical Press. p. 77-87.
59. Weissman, I.L., S. Baird, R.L. Gardner, V.E. Papaioannou, and W. Raschke. Normal and neoplastic maturation of T-lineage lymphocytes. in *Cold Spring Harb Symp Quant Biol*. 1977: Cold Spring Harbor Laboratory Press.

60. Witte, O.N., A. Tsukamoto-Adey, and I.L. Weissman, Cellular maturation of oncornavirus glycoproteins: topological arrangement of precursor and product forms in cellular membranes. *Virology*, 1977. 76(2): p. 539-53.
61. Baird, S., W. Raschke, and I.L. Weissman, Evidence that MuLV-induced thymic lymphoma cells possess specific cell membrane binding sites for MuLV. *Int J Cancer*, 1977. 19(3): p. 403-13.
62. Billingham, M., R. Warnke, and I.L. Weissman, The cellular infiltrate in cardiac allograft rejection in mice. *Transplantation*, 1977. 23(2): p. 171-6.
63. Weissman, I.L. and S. Baird. Oncornavirus leukemogenesis as a model for selective neoplastic transformation. in *Life Sciences Research Report 7, Neoplastic Transformation: Mechanisms and Consequences*. 1977.
64. Weissman, I.L., The demise of the five-year plan. *Stanford Med*, 1977. 16: p. 6-13.
65. McGrath, M., I.L. Weissman, S. Baird, W. Raschke, A. Decleve, M. Lieberman, and H.S. Kaplan, Each T-cell lymphoma induced by a particular murine leukemia virus bears surface receptors specific for that virus. *Birth Defects Orig Artic Ser*, 1978. 14(2): p. 349-61.
66. Weissman, I.L., R. Warnke, E.C. Butcher, R. Rouse, and R. Levy, The lymphoid system. Its normal architecture and the potential for understanding the system through the study of lymphoproliferative diseases. *Hum Pathol*, 1978. 9(1): p. 25-45.
67. McGrath, M., O. Witte, T. Pincus, and I.L. Weissman, Retrovirus purification: method that conserves envelope glycoprotein and maximizes infectivity. *J Virol*, 1978. 25(3): p. 923-7.
68. McGrath, M.S. and I.L. Weissman, A receptor mediated model of viral leukemogenesis hypothesis and experiments, in *Cold Spring Harbor Conferences on Cell Proliferation, Vol. 5. Differentiation of Normal and Neoplastic Hematopoietic Cells. Books a and B. Meeting. Cold Spring Harbor, N.Y., USA. Aug. 29-Sept. 3, 1977*, B.P.A.M. Clarkson and T. James E, Editors. 1978, (Book a), Xi+463p. (Book B). Illus. Cold Spring Harbor Laboratory. p. 577-589.
69. Scollay, R., M. Kochen, E. Butcher, and I. Weissman, Lyt markers on thymus cell migrants. *Nature*, 1978. 276(5683): p. 79-80.
70. McGrath, M.S., A. Decleve, M. Lieberman, H.S. Kaplan, and I.L. Weissman, Specificity of cell surface virus receptors on radiation leukemia virus and radiation-induced thymic lymphomas. *J Virol*, 1978. 28(3): p. 819-27.
71. Weissman, I., V. Papaioannou, and R. Gardner, Fetal hematopoietic origins of the adult hemato lymphoid system, in *Cold Spring Harbor Conferences on Cell Proliferation, Vol. 5. Differentiation of Normal and Neoplastic Hematopoietic Cells. Books a and B. Meeting. Cold Spring Harbor, N.Y., USA. Aug. 29-Sept. 3, 1977*, B.P.A.M. Clarkson and T. James E, Editors. 1978, (Book a), Xi+463p. (Book B). Illus. Cold Spring Harbor Laboratory. p. 33-47.
72. Butcher, E., R. Scollay, and I.L. Weissman, Lymphocyte-high endothelial venule interactions: examination of species specificity. *Adv Exp Med Biol*, 1979. 114: p. 65-72.

73. Humphrey, D., A. Tsukamoto-Adey, O.M. Witte, R. Fox, L. Jerabek, and I.L. Weissman, A serologic comparison of Moloney lymphoma cell surface and Moloney oncornavirus antigens. *J Immunol*, 1979. 123(1): p. 412-8.
74. Rouse, R.V., W. van Ewijk, P.P. Jones, and I.L. Weissman, Expression of MHC antigens by mouse thymic dendritic cells. *J Immunol*, 1979. 122(6): p. 2508-15.
75. McGrath, M.S. and I.L. Weissman, AKR leukemogenesis: identification and biological significance of thymic lymphoma receptors for AKR retroviruses. *Cell*, 1979. 17(1): p. 65-75.
76. Fox, R.I. and I.L. Weissman, Moloney virus-induced cell surface antigens and histocompatibility antigens are located on distinct molecules. *J Immunol*, 1979. 122(5): p. 1697-704.
77. Hollander, N., S.Q. Mehdi, I.L. Weissman, H.M. McConnell, and J.P. Kriss, Allogeneic cytolysis of reconstituted membrane vesicles. *Proc Natl Acad Sci U S A*, 1979. 76(8): p. 4042-5.
78. Butcher, E., R. Scollay, and I. Weissman, Evidence of continuous evolutionary change in structures mediating adherence of lymphocytes to specialised venules. *Nature*, 1979. 280(5722): p. 496-8.
79. Butcher, E.C., R.G. Scollay, and I.L. Weissman, Lymphocyte adherence to high endothelial venules: characterization of a modified in vitro assay, and examination of the binding of syngeneic and allogeneic lymphocyte populations. *J Immunol*, 1979. 123(5): p. 1996-2003.
80. Warnke, R.A., S. Slavin, R.L. Coffman, E.C. Butcher, M.R. Knapp, S. Strober, and I.L. Weissman, The pathology and homing of a transplantable murine B cell leukemia (BCL1). *J Immunol*, 1979. 123(3): p. 1181-8.
81. Fox, R.I. and I.L. Weissman, Absence of unexpected H-2 alloantigens on a murine lymphoma. *J Immunol*, 1979. 123(4): p. 1736-40.
82. Rozing, J., L. Jerabek, G.A. Gutman, and I.L. Weissman, The derivation of the LEW.RI-1a (DA)/STA rat line. *Rat Newsletter*, 1979: p. 5.
83. Weissman, I.L. Summing up. in *Ciba Found Symp*. 1980: Excerpta Medica.
84. Weissman, I.L., Tumor immunology, T cell maturation, and T cell neoplasia. *Prog Exp Tumor Res*, 1980. 25: p. 193-218.
85. Butcher, E.C. and I.L. Weissman. Cellular, genetic, and evolutionary aspects of lymphocyte interactions with high-endothelia venules. in *Ciba Found Symp*. 1980: Excerpta Medica.
86. Scollay, R.G., E.C. Butcher, and I.L. Weissman, Thymus cell migration. Quantitative aspects of cellular traffic from the thymus to the periphery in mice. *Eur J Immunol*, 1980. 10(3): p. 210-8.
87. Joho, R., I.L. Weissman, P. Early, J. Cole, and L. Hood, Organization of kappa light chain genes in germ-line and somatic tissue. *Proc Natl Acad Sci U S A*, 1980. 77(2): p. 1106-10.
88. Fathman, C.G. and I.L. Weissman, Production of alloreactive T-cell lymphomas. *Nature*, 1980. 283(5745): p. 404-6.

89. Weissman, I.L., E. Butcher, R. Rouse, and R. Scollay, Cell-cell interactions in the establishment and maintenance of lymphoid tissue architecture., in *Strategies of Immune Regulation: Regulatory Features of the Immune System*, E.E. Sercarz and A.J. Cunningham, Editors. 1980, Academic Press. p. 77-94.
90. McGrath, M.S., E. Pillemer, D.A. Kooistra, S. Jacobs, L. Jerabek, and I.L. Weissman, T lymphoma retroviral receptors and control of t lymphoma cell proliferation, in *Cold Spring Harbor Symposia on Quantitative Biology, Vol. 44. Viral Oncogenes, Parts 1 and 2; Cold Spring Harbor, N.Y., USA, 1979. Xv+601p(Part 1); Xvii+720p(Part 2) Cold Spring Harbor Laboratory: Cold Spring Harbor, N.Y., USA. Illus. 1980. P1297-1304.*, J.D.J.S. Watson and B. M, Editors. 1980.
91. Davis, M.M., K. Calame, P.W. Early, D.L. Livant, R. Joho, I.L. Weissman, and L. Hood, An immunoglobulin heavy-chain gene is formed by at least two recombinational events. *Nature*, 1980. 283(5749): p. 733-9.
92. Joho, R. and I.L. Weissman, V-J joining of immunoglobulin kappa genes only occurs on one homologous chromosome. *Nature*, 1980. 284(5752): p. 179-81.
93. Van Ewijk, W., R.V. Rouse, and I.L. Weissman, Distribution of H-2 microenvironments in the mouse thymus. Immunoelectron microscopic identification of I-A and H-2K bearing cells. *J Histochem Cytochem*, 1980. 28(10): p. 1089-99.
94. McGrath, M.S., E. Pillemer, D. Kooistra, and I.L. Weissman, The role of MuLV receptors on T-lymphoma cells in lymphoma cell proliferation. *Contemp Top Immunobiol*, 1980. 11: p. 157-84.
95. Butcher, E.C., R.G. Scollay, and I.L. Weissman, Organ specificity of lymphocyte migration: mediation by highly selective lymphocyte interaction with organ-specific determinants on high endothelial venules. *Eur J Immunol*, 1980. 10(7): p. 556-61.
96. Van Ewijk, W., R.C. Coffman, and I.L. Weissman, Immunoelectron microscopy of cell surface antigens: a quantitative analysis of antibody binding after different fixation protocols. *Histochem J*, 1980. 12(3): p. 349-61.
97. Scollay, R. and I.L. Weissman, T cell maturation: thymocyte and thymus migrant subpopulations defined with monoclonal antibodies to the antigens Lyt-1, Lyt-2, and ThB1. *J Immunol*, 1980. 124(6): p. 2841-4.
98. Scollay, R., S. Jacobs, L. Jerabek, E. Butcher, and I. Weissman, T cell maturation: thymocyte and thymus migrant subpopulations defined with monoclonal antibodies to MHC region antigens. *J Immunol*, 1980. 124(6): p. 2845-53.
99. Hollander, N., E. Pillemer, and I.L. Weissman, Blocking effect of lyt-2 antibodies on T cell functions. *J Exp Med*, 1980. 152(3): p. 674-87.
100. McGrath, M.S., E. Pillemer, and I.L. Weissman, Murine leukaemogenesis: monoclonal antibodies to T-cell determinants arrest T-lymphoma cell proliferation. *Nature*, 1980. 285(5762): p. 259-61.
101. Butcher, E.C. and I.L. Weissman, Direct fluorescent labeling of cells with fluorescein or rhodamine isothiocyanate. I. Technical aspects. *J Immunol Methods*, 1980. 37(2): p. 97-108.

102. Butcher, E.C., R.G. Scollay, and I.L. Weissman, Direct fluorescent labeling of cells with fluorescein or rhodamine isothiocyanate. II. Potential application to studies of lymphocyte migration and maturation. *J Immunol Methods*, 1980. 37(2): p. 109-21.
103. Pillemer, E. and I.L. Weissman, A monoclonal antibody that detects a V kappa-TEPC15 idiotypic determinant cross-reactive with a Thy-1 determinant. *J Exp Med*, 1981. 153(5): p. 1068-79.
104. Strober, S. and I.L. Weissman, Immunosuppressive and tolerogenic effects of whole-body, total lymphoid, and regional irradiation. *Curr Status Mod Ther*, 1981. 7: p. 19-53.
105. Hollander, N., E. Pillemer, and I.L. Weissman, Effects of Lyt antibodies on T-cell functions: augmentation by anti-Lyt-1 as opposed to inhibition by anti-Lyt-2. *Proc Natl Acad Sci U S A*, 1981. 78(2): p. 1148-51.
106. Lepault, F. and I.L. Weissman, An in vivo assay for thymus-homing bone marrow cells. *Nature*, 1981. 293(5828): p. 151-4.
107. McGrath, M.S., L. Jerabek, E. Pillemer, R.A. Steinberg, and I.L. Weissman, Receptor mediated murine leukemogenesis: monoclonal antibody induced lymphoma cell growth arrest. *Haematol Blood Transfus*, 1981. 26: p. 360-4.
108. Coffman, R.L. and I.L. Weissman, A monoclonal antibody that recognizes B cells and B cell precursors in mice. *J Exp Med*, 1981. 153(2): p. 269-79.
109. Coffman, R.L. and I.L. Weissman, B220: a B cell-specific member of the T200 glycoprotein family. *Nature*, 1981. 289(5799): p. 681-3.
110. Nottenburg, C. and I.L. Weissman, Cmu gene rearrangement of mouse immunoglobulin genes in normal B cells occurs on both the expressed and nonexpressed chromosomes. *Proc Natl Acad Sci U S A*, 1981. 78(1): p. 484-8.
111. Moore, K.W., J. Rogers, T. Hunkapiller, P. Early, C. Nottenburg, I. Weissman, H. Bazin, R. Wall, and L.E. Hood, Expression of IgD may use both DNA rearrangement and RNA splicing mechanisms. *Proc Natl Acad Sci U S A*, 1981. 78(3): p. 1800-4.
112. Rouse, R.V. and I.L. Weissman, Microanatomy of the thymus: its relationship to T cell differentiation. *Ciba Found Symp*, 1981. 84: p. 161-77.
113. Scofield, V.L. and I.L. Weissman, Allorecognition in biological systems. *Dev Comp Immunol*, 1981. 5: p. 23-28.
114. Weissman, I.L., M.S. McGrath, E. Pillemer, N. Hollander, R.V. Rouse, L. Jerabek, S.K. Stevens, R.G. Scollay, and E.C. Butcher, Normal and neoplastic lymphocyte maturation. *J Supramol Struct Cell Biochem*, 1981. 15(3): p. 303-14.
115. Hollander, N., E. Pillemer, and I.L. Weissman, The inhibitory effect of anti Lyt-2 antibodies on binding of cytotoxic T lymphocytes to target cells. *Mech Lymphocyte Activation*, 1981: p. 450-453.

116. Gershenfeld, H.K., A. Tsukamoto, I.L. Weissman, and R. Joho, Somatic diversification is required to generate the V kappa genes of MOPC 511 and MOPC 167 myeloma proteins. *Proc Natl Acad Sci U S A*, 1981. 78(12): p. 7674-8.
117. Rouse, R.V., P. Parham, F.C. Grumet, and I.L. Weissman, Expression of HLA antigens by human thymic epithelial cells. *Hum Immunol*, 1982. 5(1): p. 21-34.
118. Weissman, I., E. Pillemer, D. Kooistra, A. Tsukamoto, L. Jerabek, D. Humphrey, R. Coffman, M. McGrath, S. Nord, and R. Ellis, Tumor antigen antibody interactions in murine lymphomas possible implications for human lymphomas, in *Bristol-Myers Cancer Symposia, Vol. 3. Malignant Lymphomas: Etiology, Immunology, Pathology, Treatment; Meeting, Stanford, Calif., USA, Nov. 20-21, 1980. Xxxii+682p. Academic Press: New York, N.Y., USA; London, England. Illus. 1982. P131-154.*, S.A. Rosenberg and K. H. S, Editors. 1982.
119. Weissman, I.L., V.L. Scofield, J.M. Schlumpberger, E. Pillemer, N. Hollander, R. Rouse, S.K. Stevens, and E. Butcher, Functional considerations of normal and neoplastic T lymphocytes, in *Immune Regulation, Evolutionary and Biological Significance. Symposium on the Biological Significance to Immune Regulation, Seattle, WA, December 27-31, 1980*, L.N. Ruben and M.E. Gershwin, Editors. 1982, marcel Dekker. p. 99-113.
120. Butcher, E., S.K. Stevens, R. Reichert, R. Scollay, and I.L. Weissman, Lymphocyte-endothelial cell recognition in lymphocyte migration and the segregation of mucosal and nonmucosal immunity, in *Recent Advances in Mucosal Immunity. Workshop on Mechanisms in Muscosal Immunity, Bethesda, MD, November 20-22, 1980*, S. Strober, L.A. Hanson, and K.W. Sell, Editors. 1982, Raven Press. p. 3-23.
121. Rouse, R.V. and I.L. Weissman, The principal cells in the thymus expressing MHC antigens are epithelial. *Adv Exp Med Biol*, 1982. 149: p. 401-5.
122. Rouse, R.V., I.L. Weissman, J.A. Ledbetter, and R.A. Warnke, Expression of T cell antigens by cells in mouse and human primary and secondary follicles. *Adv Exp Med Biol*, 1982. 149: p. 751-6.
123. Butcher, E.C., R.A. Reichert, R.L. Coffman, C. Nottenburg, and I.L. Weissman, Surface phenotype and migratory capability of Peyer's patch germinal center cells. *Adv Exp Med Biol*, 1982. 149: p. 765-72.
124. Butcher, E.C., G. Kraal, S.K. Stevens, and I.L. Weissman, Selective migration of murine lymphocytes and lymphoblast populations and the role of endothelial cell recognition. *Adv Exp Med Biol*, 1982. 149: p. 199-206.
125. Weissman, I.L. and M.S. McGrath, Retrovirus lymphomagenesis: relationship of normal immune receptors to malignant cell proliferation. *Curr Top Microbiol Immunol*, 1982. 98: p. 103-12.
126. Rouse, R.V., J.A. Ledbetter, and I.L. Weissman, Mouse lymph node germinal centers contain a selected subset of T cells--the helper phenotype. *J Immunol*, 1982. 128(5): p. 2243-6.
127. Stevens, S.K., I.L. Weissman, and E.C. Butcher, Differences in the migration of B and T lymphocytes: organ-selective localization in vivo and the role of lymphocyte-endothelial cell recognition. *J Immunol*, 1982. 128(2): p. 844-51.

128. Butcher, E.C., R.V. Rouse, R.L. Coffman, C.N. Nottenburg, R.R. Hardy, and I.L. Weissman, Surface phenotype of Peyer's patch germinal center cells: implications for the role of germinal centers in B cell differentiation. *J Immunol*, 1982. 129(6): p. 2698-707.
129. Scofield, V.L., J.M. Schlumpberger, L.A. West, and I.L. Weissman, Protochordate allorecognition is controlled by a MHC-like gene system. *Nature*, 1982. 295(5849): p. 499-502.
130. Butcher, E., G. Kraal, S.K. Stevens, and I.L. Weissman, A recognition function of endothelial cells: directing lymphocyte traffic, in *Pathobiology of the Endothelial Cell*. 1982, Academic Press. p. 408-424.
131. Dailey, M.O., C.G. Fathman, E.C. Butcher, E. Pillemer, and I. Weissman, Abnormal migration of T lymphocyte clones. *J Immunol*, 1982. 128(5): p. 2134-6.
132. McGrath, M., L. Jerabek, and I.L. Weissman, Receptor-mediated leukemogenesis: retrovirus receptors on B and T lymphomas share idiotypic determinants. *Exp Hematol Today*, 1982: p. 93-100.
133. Kraal, G., I.L. Weissman, and E.C. Butcher, Germinal centre B cells: antigen specificity and changes in heavy chain class expression. *Nature*, 1982. 298(5872): p. 377-9.
134. Early, P., C. Nottenburg, I. Weissman, and L. Hood, Immunoglobulin gene rearrangements in normal mouse B cells. *Mol Cell Biol*, 1982. 2(7): p. 829-36.
135. Weissman, I.L., R. Rouse, B.A. Kyewski, F. Lepault, E. Butcher, H.S. Kaplan, and R. Scollay, Thymic lymphocyte maturation in the thymic microenvironment, in *Behring Institute Report. International Workshop on the Influence of the Thymus on the Generation of the T Cell Repertoire, Rudesheim, Germany, September 16-19, 1981* F.R. Seiler and H.G. Schwick, Editors. 1982. p. 242-251.
136. Scofield, V.L., J.M. Schlumpberger, and I.L. Weissman, Colony specificity in the colonial tunicate *Botryllus* and the origins of vertebrate immunity. *Amer Zool*, 1982. 22: p. 783-794.
137. Dailey, M.O., E. Pillemer, and I.L. Weissman, Protection against syngeneic lymphoma by a long-lived cytotoxic T-cell clone. *Proc Natl Acad Sci U S A*, 1982. 79(17): p. 5384-7.
138. Joho, R., C. Nottenburg, R.L. Coffman, and I.L. Weissman, Immunoglobulin gene rearrangement and expression during lymphocyte development. *Curr Top Dev Biol*, 1983. 18: p. 15-58.
139. Kraal, G., I.L. Weissman, and E.C. Butcher, Differences in in vivo distribution and homing of T cell subsets to mucosal vs nonmucosal lymphoid organs. *J Immunol*, 1983. 130(3): p. 1097-102.
140. Reichert, R.A., W.M. Gallatin, I.L. Weissman, and E.C. Butcher, Germinal center B cells lack homing receptors necessary for normal lymphocyte recirculation. *J Exp Med*, 1983. 157(3): p. 813-27.
141. Lepault, F., R.L. Coffman, and I.L. Weissman, Characteristics of thymus-homing bone marrow cells. *J Immunol*, 1983. 131(1): p. 64-9.
142. Gallatin, W.M., I.L. Weissman, and E.C. Butcher, A cell-surface molecule involved in organ-specific homing of lymphocytes. *Nature*, 1983. 304(5921): p. 30-4.

143. Gallatin, M., I.L. Weissman, and E. Butcher, Lymphocyte recirculation: a molecular basis for the recognition of vascular endothelium, in *Intercellular Communication in Leukocyte Function. Proceedings of the 15th Leukocyte Culture Conference, Pacific Grove, CA*, J.W. Parker and R.L. O'Brien, Editors. 1983, John Wiley and Sons. p. 645-648.
144. Dailey, M.O., M. Gallatin, I.L. Weissman, and E. Butcher, Surface phenotype and migration properties of activated lymphocytes and T cell clones, in *Intercellular Communication in Leukocyte Function. Proceedings of the 15th Leukocyte Culture Conference, Pacific Grove, CA*, J.W. Parker and R.L. O'Brien, Editors. 1983, John Wiley and Sons. p. 641-644.
145. Fink, P.J., I.L. Weissman, and M.J. Bevan, Haplotype-specific suppression of cytotoxic T cell induction by antigen inappropriately presented on T cells. *J Exp Med*, 1983. 157(1): p. 141-54.
146. Coffman, R.L. and I.L. Weissman, Immunoglobulin gene rearrangement during pre-B cell differentiation. *J Mol Cell Immunol*, 1983. 1(1): p. 31-41.
147. Kraal, G., I.L. Weissman, and E.C. Butcher, Genetic control of T-cell subset representation in inbred mice. *Immunogenetics*, 1983. 18(6): p. 585-92.
148. Alexander, H., D.A. Johnson, J. Rosen, L. Jerabek, N. Green, I.L. Weissman, and R.A. Lerner, Mimicking the alloantigenicity of proteins with chemically synthesized peptides differing in single amino acids. *Nature*, 1983. 306(5944): p. 697-9.
149. Butcher, E. and I.L. Weissman, Lymphoid tissues and organs, in *Fundamental Immunology*, W.E. Paul, Editor. 1984, Raven Press. p. 109-127.
150. Joho, R., H. Gershenfeld, and I.L. Weissman, Evolution of a multigene family of V kappa germ line genes. *Embo J*, 1984. 3(1): p. 185-91.
151. Tamura, G.S., M.O. Dailey, W.M. Gallatin, M.S. McGrath, I.L. Weissman, and E.A. Pillemer, Isolation of molecules recognized by monoclonal antibodies and antisera: the solid phase immunoisolation technique. *Anal Biochem*, 1984. 136(2): p. 458-64.
152. Fink, P.J., M.J. Bevan, and I.L. Weissman, Thymic cytotoxic T lymphocytes are primed in vivo to minor histocompatibility antigens. *J Exp Med*, 1984. 159(2): p. 436-51.
153. Tsukamoto, A., I.L. Weissman, and S.V. Hunt, Allelic exclusion in rat kappa immunoglobulin chains: extent of Jk rearrangement in normal B lymphocytes. *Embo J*, 1984. 3(5): p. 975-81.
154. Ezine, S., I.L. Weissman, and R.V. Rouse, Bone marrow cells give rise to distinct cell clones within the thymus. *Nature*, 1984. 309(5969): p. 629-31.
155. Pillemer, E., C. Whitlock, and I.L. Weissman, Transformation-associated proteins in murine B-cell lymphomas that are distinct from Abelson virus gene products. *Proc Natl Acad Sci U S A*, 1984. 81(14): p. 4434-8.
156. Weissman, I.L., L. Jerabek, and S. Greenspan, Tolerance and the H-Y antigen: Requirement for male T cells, but not B cells, to induce tolerance in neonatal female mice. *Transplantation*, 1984. 37(1): p. 3-6.

157. McGrath, M. and I.L. Weissman, The role of immunospecific receptors in retrovirus-induced lymphomagenesis, in *Concepts in Viral Pathogenesis*, M. Oldstone and A. Notkins, Editors. 1984, Springer-Verlag. p. 216-224.
158. Fink, P.J., I.L. Weissman, H.S. Kaplan, and B.A. Kyewski, The immunocompetence of murine stromal cell-associated thymocytes. *J Immunol*, 1984. 132(5): p. 2266-72.
159. Schlumpberger, J.M., I.L. Weissman, and V.L. Scofield, Monoclonal antibodies developed against Botryllus blood cell antigens bind to cells of distinct lineages during embryonic development *J Exp Zool*, 1984. 229: p. 205-213.
160. Schlumpberger, J.M., I.L. Weissman, and V.L. Scofield, Separation and labeling of specific subpopulations of Botryllus blood cells. *J Exp Zool*, 1984. 229(3): p. 401-11.
161. Reichert, R.A., W.M. Gallatin, E.C. Butcher, and I.L. Weissman, A homing receptor-bearing cortical thymocyte subset: implications for thymus cell migration and the nature of cortisone-resistant thymocytes. *Cell*, 1984. 38(1): p. 89-99.
162. Rouse, R.V., R.A. Reichert, W.M. Gallatin, I.L. Weissman, and E.C. Butcher, Localization of lymphocyte subpopulations in peripheral lymphoid organs: directed lymphocyte migration and segregation into specific microenvironments. *Am J Anat*, 1984. 170(3): p. 391-405.
163. McGrath, M.S. and I.L. Weissman, Receptor-mediated leukemogenesis analysis of avian and human lymphomas for retrovirus-binding specificities, in *Human T-Cell Leukemia Lymphoma Virus: the Family of Human T-Lymphotropic Retroviruses: Their Role in Malignancies and Association with Aids; Meeting, Cold Spring Harbor, N.Y., USA, Sept. 1983*, R.C.M.E.E. Gallo and G. L., Editors. 1984, Cold Spring Harbor Laboratory. p. 205-216.
164. Landau, N.R., T.P. St John, I.L. Weissman, S.C. Wolf, A.E. Silverstone, and D. Baltimore, Cloning of terminal transferase cDNA by antibody screening. *Proc Natl Acad Sci U S A*, 1984. 81(18): p. 5836-40.
165. Gershenfeld, H. and I.L. Weissman, Improved lysis of fusion-expressing bacteria upon removal of NaCl from buffer. *Biotechniques*, 1984. 2: p. 4.
166. Weissman, I.L., M. McGrath, and G. Tamura, The receptor-mediated leukemogenesis hypothesis: a model of retroviral oncogenesis by viral stimulation of cell-surface receptors, in *Leukemia. Dahlem Konferenzen, November 13-15, 1985*, I.L. Weissman, Editor. 1985, Verlag. p. 235-249.
167. Dailey, M.O., W.M. Gallatin, and I.L. Weissman, The in vivo behavior of T cell clones: altered migration due to loss of the lymphocyte surface homing receptor. *J Mol Cell Immunol*, 1985. 2(1): p. 27-36.
168. Fink, P.J., W.M. Gallatin, R.A. Reichert, E.C. Butcher, and I.L. Weissman, Homing receptor-bearing thymocytes, an immunocompetent cortical subpopulation. *Nature*, 1985. 313(5999): p. 233-5.
169. Rouse, R.V., S. Ezine, and I.L. Weissman, Expression of major histocompatibility complex antigens in the thymuses of chimeric mice. *Transplantation*, 1985. 40(4): p. 422-6.

170. Weissman, I.L., Thymic lymphocyte differentiation and thymic leukemogenesis. *Int J Radiat Oncol Biol Phys*, 1985. 11(1): p. 57-64.
171. Dailey, M.O., W.M. Gallatin, G. Kraal, E. Butcher, and I. Weissman, T cell clones: a model of a non-recirculating phase of T cell differentiation. *Adv Exp Med Biol*, 1985. 186: p. 621-7.
172. Tidmarsh, G.F., M.O. Dailey, C.A. Whitlock, E. Pillemer, and I.L. Weissman, Transformed lymphocytes from Abelson-diseased mice express levels of a B lineage transformation-associated antigen elevated from that found on normal lymphocytes. *J Exp Med*, 1985. 162(5): p. 1421-34.
173. Barth, R.K., B.S. Kim, N.C. Lan, T. Hunkapiller, N. Sombieck, A. Winoto, H. Gershenfeld, C. Okada, D. Hansburg, I.L. Weissman, and et al., The murine T-cell receptor uses a limited repertoire of expressed V beta gene segments. *Nature*, 1985. 316(6028): p. 517-23.
174. Kraal, G., I.L. Weissman, and E.C. Butcher, Germinal center cells: antigen specificity, heavy chain class expression and evidence of memory. *Adv Exp Med Biol*, 1985. 186: p. 145-51.
175. Weissman, I.L., M.S. McGrath, R.A. Reichert, W.M. Gallatin, S. Ezine, P. Fink, E.C. Butcher, J. Marian, and H.C. O'Neill, Lymphocyte and lymphoma receptors utilized in differentiation, in homing, and in lymphomagenesis. *Haematol Blood Transfus*, 1985. 29: p. 449-54.
176. Ezine, S., I.L. Weissman, and R.V. Rouse, Thymus homing clonogenic bone marrow cells. *Adv Exp Med Biol*, 1985. 186: p. 223-7.
177. Pillemer, E.A., D.A. Kooistra, O.N. Witte, and I.L. Weissman, Monoclonal antibody to the amino-terminal L sequence of murine leukemia virus glycosylated gag polyproteins demonstrates their unusual orientation in the cell membrane. *J Virol*, 1986. 57(2): p. 413-21.
178. St John, T., W.M. Gallatin, M. Siegelman, H.T. Smith, V.A. Fried, and I.L. Weissman, Expression cloning of a lymphocyte homing receptor cDNA: ubiquitin is the reactive species. *Science*, 1986. 231(4740): p. 845-50.
179. Siegelman, M., M.W. Bond, W.M. Gallatin, T. St John, H.T. Smith, V.A. Fried, and I.L. Weissman, Cell surface molecule associated with lymphocyte homing is a ubiquitinated branched-chain glycoprotein. *Science*, 1986. 231(4740): p. 823-9.
180. Muller-Sieburg, C.E., C.A. Whitlock, and I.L. Weissman, Isolation of two early B lymphocyte progenitors from mouse marrow: a committed pre-pre-B cell and a clonogenic Thy-1-lo hematopoietic stem cell. *Cell*, 1986. 44(4): p. 653-62.
181. Reichert, R.A., L. Jerabek, W.M. Gallatin, E.C. Butcher, and I.L. Weissman, Ontogeny of lymphocyte homing receptor expression in the mouse thymus. *J Immunol*, 1986. 136(10): p. 3535-42.
182. Reichert, R.A., I.L. Weissman, and E.C. Butcher, Phenotypic analysis of thymocytes that express homing receptors for peripheral lymph nodes. *J Immunol*, 1986. 136(10): p. 3521-8.
183. Reichert, R.A., I.L. Weissman, and E.C. Butcher, Dual immunofluorescence studies of cortisone-induced thymic involution: evidence for a major cortical component to cortisone-resistant thymocytes. *J Immunol*, 1986. 136(10): p. 3529-34.

184. Gallatin, M., T.P. St John, M. Siegelman, R. Reichert, E.C. Butcher, and I.L. Weissman, Lymphocyte homing receptors. *Cell*, 1986. 44(5): p. 673-80.
185. Boyd, H.C., S.K. Brown, J.A. Harp, and I.L. Weissman, Growth and sexual maturation of laboratory-cultured Monterey Botryllus schlosseri. *Biol Bull*, 1986. 170(1): p. 91-109.
186. Gershenfeld, H.K. and I.L. Weissman, Cloning of a cDNA for a T cell-specific serine protease from a cytotoxic T lymphocyte. *Science*, 1986. 232(4752): p. 854-8.
187. Razzeca, K.J., E. Pillemer, I.L. Weissman, and R.V. Rouse, In situ identification of idiotype-positive cells participating in the immune response to phosphorylcholine. *Eur J Immunol*, 1986. 16(4): p. 393-9.
188. Jalkanen, S., R.A. Reichert, W.M. Gallatin, R.F. Bargatze, I.L. Weissman, and E.C. Butcher, Homing receptors and the control of lymphocyte migration. *Immunol Rev*, 1986. 91: p. 39-60.
189. Kraal, G., R.R. Hardy, W.M. Gallatin, I.L. Weissman, and E.C. Butcher, Antigen-induced changes in B cell subsets in lymph nodes: analysis by dual fluorescence flow cytofluorometry. *Eur J Immunol*, 1986. 16(7): p. 829-34.
190. Haars, R., M. Kronenberg, W.M. Gallatin, I.L. Weissman, F.L. Owen, and L. Hood, Rearrangement and expression of T cell antigen receptor and gamma genes during thymic development. *J Exp Med*, 1986. 164(1): p. 1-24.
191. Weissman, I.L., Nursing the thymus. *Lab Invest*, 1986. 55(1): p. 1-4.
192. Weissman, I.L., Lymphocyte homing receptors and the immune response in vivo. *Bioessays*, 1986. 5(3): p. 112-6.
193. Tidmarsh, G.F., M.O. Dailey, and I.L. Weissman, Expression of a monoclonal antibody-defined, B-lineage transformation antigen specifically identifies Abelson-diseased animals. Genetically determined resistance to Abelson murine leukemia virus acts before induction of gp160(6C3). *J Exp Med*, 1986. 164(4): p. 1356-61.
194. Tsukamoto, A.S., B. Ferguson, M. Rosenberg, I.L. Weissman, and A.J. Berk, An immunodominant domain in adenovirus type 2 early region 1A proteins. *J Virol*, 1986. 60(1): p. 312-6.
195. Shortman, K., R. Scollay, A. Wilson, P. Andrews, R. Boyd, E. Butcher, and I. Weissman, Mature and immature thymocytes surface phenotype immune function and intrathymic location, in *Progress in Leukocyte Biology, Vol. 5. Leukocytes and Host Defense; 17th Meeting of the International Leukocyte Culture Conference Held Jointly with the 22nd National Meeting of the Reticuloendothelial Society, Ithaca, N.Y., USA, Aug. 3-8, 1985*, J.J. Oppenheim and J. D. M, Editors. 1986, Alan R. Liss, Inc. p. 3-10.
196. Wilson, A., R. Scollay, R.A. Reichert, E.C. Butcher, I.L. Weissman, and K. Shortman, The correlation of lectin-stimulated proliferation and cytotoxicity in murine thymocytes with expression of the MEL-14-defined homing receptor. *J Immunol*, 1987. 138(2): p. 352-7.
197. Adkins, B., C. Mueller, C.Y. Okada, R.A. Reichert, I.L. Weissman, and G.J. Spangrude, Early events in T-cell maturation. *Annu Rev Immunol*, 1987. 5: p. 325-65.

198. Morse, H.C., 3rd, G.F. Tidmarsh, K.L. Holmes, T.F. Frederickson, J.N. Hartley, J.H. Pierce, W.Y. Langdon, M.O. Dailey, and I.L. Weissman, Expression of the 6C3 antigen on murine hematopoietic neoplasms. Association with expression of abl, ras, fes, src, erbB, and Cas NS-1 oncogenes but not with myc. *J Exp Med*, 1987. 165(3): p. 920-5.
199. Whitlock, C.A., G.F. Tidmarsh, C. Muller-Sieburg, and I.L. Weissman, Bone marrow stromal cell lines with lymphopoietic activity express high levels of a pre-B neoplasia-associated molecule. *Cell*, 1987. 48(6): p. 1009-21.
200. O'Neill, H.C., M.S. McGrath, J.P. Allison, and I.L. Weissman, A subset of T cell receptors associated with L3T4 molecules mediates C6VL leukemia cell binding of its cognate retrovirus. *Cell*, 1987. 49(1): p. 143-51.
201. Nottenburg, C., T. St John, and I.L. Weissman, Unusual immunoglobulin DNA sequences from the nonexpressed chromosome of mouse normal B lymphocytes: implications for allelic exclusion and the DNA rearrangement process. *J Immunol*, 1987. 139(5): p. 1718-26.
202. Tamura, G.S., M.S. McGrath, and I.L. Weissman, Molecules recognized by anti-idiotypic monoclonal antibodies to the B cell lymphoma, BCL1. *J Mol Cell Immunol*, 1987. 3(4): p. 243-53.
203. McGrath, M.S., G. Tamura, and I.L. Weissman, Receptor mediated leukemogenesis: murine leukemia virus interacts with BCL1 lymphoma cell surface IgM. *J Mol Cell Immunol*, 1987. 3(4): p. 227-42.
204. Ezine, S., L. Jerabek, and I. Weissman, The phenotype of thymocytes derived from a single clonogenic precursor. *J Immunol*, 1987. 139(7): p. 2195-9.
205. Rinkevich, B. and I.L. Weissman, A long-term study on fused subclones in the ascidian botryllus-schlosseri the resorption phenomenon protochordata tunicata. *Journal of Zoology (London)*, 1987. 213(4): p. 717-734.
206. Rinkevich, B. and I.L. Weissman, Chimeras in colonial invertebrates a synergistic symbiosis or somatic-cell and germ-cell parasitism? *Symbiosis*, 1987. 4(1-3): p. 117-134.
207. Bargatze, R.F., N.W. Wu, I.L. Weissman, and E.C. Butcher, High endothelial venule binding as a predictor of the dissemination of passaged murine lymphomas. *J Exp Med*, 1987. 166(4): p. 1125-31.
208. Lieberman, M., G.A. Hansteen, J.M. McCune, M.L. Scott, J.H. White, and I.L. Weissman, Indirect induction of radiation lymphomas in mice. Evidence for a novel, transmissible leukemogen. *J Exp Med*, 1987. 166(6): p. 1883-93.
209. Rinkevich, B. and I.L. Weissman, The fate of botryllus ascidiacea larvae co-settled with parental colonies beneficial or deleterious consequences? *Biological Bulletin (Woods Hole)*, 1987. 173(3): p. 474-488.
210. Weissman, I., C. Muller, C. Tidmarsh, G. Spangrude, B. Adkins, P. Sherwood, S. Ezine, C. Okada, and C. Whitlock, Normal and neoplastic early lymphocyte maturation, in *Modern Cell Biology, Vol. 5. Molecular Mechanisms in the Regulation of Cell Behavior; Fourth Decennial Review Conference of the Tissue Culture Association, Hershey, Pennsylvania, USA, September 22-26, 1986*, C. Waymouth, Editor. 1987, Alan R. Liss, Inc. p. 253-254.

211. Gershenfeld, H.K., R.J. Hershberger, T.B. Shows, and I.L. Weissman, Cloning and chromosomal assignment of a human cDNA encoding a T cell- and natural killer cell-specific trypsin-like serine protease. *Proc Natl Acad Sci U S A*, 1988. 85(4): p. 1184-8.
212. Scollay, R., K. Shortman, R. Reichert, B.A. Kyewski, P. Fink, S. Ezine, W.M. Gallatin, E. Butcher, R. Rouse, H.S. Kaplan, and I.L. Weissman, Thymic lymphocyte maturation, in *The Lymphocyte, Structure and Function*, J.J. Marchalonis, Editor. 1988, Marcel Dekker.
213. Adkins, B., G.F. Tidmarsh, and I.L. Weissman, Normal thymic cortical epithelial cells developmentally regulate the expression of a B-lineage transformation-associated antigen. *Immunogenetics*, 1988. 27(3): p. 180-6.
214. Mueller, C., H.K. Gershenfeld, and I.L. Weissman, Activation of CTL-specific genes during cell-mediated cytolysis in vivo: expression of the HF gene analyzed by in situ hybridization. *Immunol Rev*, 1988. 103: p. 73-85.
215. Mueller, C., H.K. Gershenfeld, C.G. Lobe, C.Y. Okada, R.C. Bleackley, and I.L. Weissman, A high proportion of T lymphocytes that infiltrate H-2-incompatible heart allografts in vivo express genes encoding cytotoxic cell-specific serine proteases, but do not express the MEL-14-defined lymph node homing receptor. *J Exp Med*, 1988. 167(3): p. 1124-36.
216. Weissman, I.L., Approaches to an understanding of pathogenetic mechanisms in AIDS. *Rev Infect Dis*, 1988. 10(2): p. 385-98.
217. McCune, J.M., L.B. Rabin, M.B. Feinberg, M. Lieberman, J.C. Kosek, G.R. Reyes, and I.L. Weissman, Endoproteolytic cleavage of gp160 is required for the activation of human immunodeficiency virus. *Cell*, 1988. 53(1): p. 55-67.
218. Weissman, I.L., Was the MHC made for the immune system, or did immunity take advantage of an ancient polymorphic gene family encoding cell surface interaction molecules? A speculative essay. *Int Rev Immunol*, 1988. 3(4): p. 397-416.
219. Siegelman, M. and I.L. Weissman, Lymphocyte homing receptors, ubiquitin, and cell surface proteins, in *Ubiquitin*, M. Rechsteiner, Editor. 1988, Plenum Publishing Corporation. p. 239-269.
220. Spangrude, G.J., C.E. Muller-Sieburg, S. Heimfeld, and I.L. Weissman, Two rare populations of mouse Thy-110 bone marrow cells repopulate the thymus. *J Exp Med*, 1988. 167(5): p. 1671-83.
221. Adkins, B., D. Gandour, S. Strober, and I. Weissman, Total lymphoid irradiation leads to transient depletion of the mouse thymic medulla and persistent abnormalities among medullary stromal cells. *J Immunol*, 1988. 140(10): p. 3373-9.
222. Spangrude, G.J., S. Heimfeld, and I.L. Weissman, Purification and characterization of mouse hematopoietic stem cells. *Science*, 1988. 241(4861): p. 58-62.
223. Muller-Sieburg, C.E., K. Townsend, I.L. Weissman, and D. Rennick, Proliferation and differentiation of highly enriched mouse hematopoietic stem cells and progenitor cells in response to defined growth factors. *J Exp Med*, 1988. 167(6): p. 1825-40.
224. Carlson, J.R. and I.L. Weissman, Molecular tools for inactivating a yeast enzyme in vivo. *Mol Cell Biol*, 1988. 8(6): p. 2647-50.

225. Kraal, G., I.L. Weissman, and E.C. Butcher, Memory B cells express a phenotype consistent with migratory competence after secondary but not short-term primary immunization. *Cell Immunol*, 1988. 115(1): p. 78-87.
226. Sher, B.T., R. Bargatze, B. Holzmann, W.M. Gallatin, D. Matthews, N. Wu, L. Picker, E.C. Butcher, and I.L. Weissman, Homing receptors and metastasis. *Adv Cancer Res*, 1988. 51: p. 361-90.
227. Spangrude, G.J. and I.L. Weissman, Mature T cells generated from single thymic clones are phenotypically and functionally heterogeneous. *J Immunol*, 1988. 141(6): p. 1877-90.
228. McCune, J.M., R. Namikawa, H. Kaneshima, L.D. Shultz, M. Lieberman, and I.L. Weissman, The SCID-hu mouse: murine model for the analysis of human hematolymphoid differentiation and function. *Science*, 1988. 241(4873): p. 1632-9.
229. Gershenfeld, H.K., R.J. Hershberger, C. Mueller, and I.L. Weissman, A T cell- and natural killer cell-specific, trypsin-like serine protease. Implications of a cytolytic cascade. *Ann N Y Acad Sci*, 1988. 532: p. 367-79.
230. van de Rijn, M. and I.L. Weissman, Biosynthesis of gpml-14 the murine lymph node-specific homing receptor, in *Current Communications in Molecular Biology: the Ubiquitin System; Meeting*, M. Schlesinger and H. A. Editors. 1988, Cold Spring Harbor Laboratory. p. 171-177.
231. Spangrude, G.J., Y. Aihara, I.L. Weissman, and J. Klein, The stem cell antigens Sca-1 and Sca-2 subdivide thymic and peripheral T lymphocytes into unique subsets. *J Immunol*, 1988. 141(11): p. 3697-707.
232. Weissman, I.L., V.L. Scofield, Y. Saito, H.C. Boyd, and B. Rinkevich, Speculations on the relationships of two botryllus allorecognition reactions -- colony specificity and resorption -- to vertebrate histocompatibility, in *Invertebrate Historecognition*, R.K. Grosberg, D. Hedgecock, and K. Nelson, Editors. 1988, Plenum Publishing Corporation. p. 67-78.
233. Namikawa, R., H. Kaneshima, M. Lieberman, I.L. Weissman, and J.M. McCune, Infection of the SCID-hu mouse by HIV-1. *Science*, 1988. 242(4886): p. 1684-6.
234. Jung, T.M., W.M. Gallatin, I.L. Weissman, and M.O. Dailey, Down-regulation of homing receptors after T cell activation. *J Immunol*, 1988. 141(12): p. 4110-7.
235. Hershberger, R.J., C. Mueller, H.K. Gershenfeld, and I.L. Weissman, A serine protease-encoding gene that marks activated cytotoxic T cells in vivo and in vitro. *Curr Top Microbiol Immunol*, 1988. 140: p. 81-92.
236. Rinkevich, B. and I.L. Weissman, Retreat growth in the ascidian *Botryllus schlosseri*: a consequence of nonself recognition, in *Invertebrate Historecognition*, R. Grosberg, D. Hedgecock, and K. Nelson, Editors. 1988, Plenum Publishing Corporation. p. 93-109.
237. Harp, J.A., C.B. Tsuchida, I.L. Weissman, and V.L. Scofield, Autoreactive blood cells and programmed cell death in growth and development of protochordates. *J Exp Zool*, 1988. 247(3): p. 257-62.

238. Wood, G.S., C. Mueller, R.A. Warnke, and I.L. Weissman, In situ localization of HuHF serine protease mRNA and cytotoxic cell-associated antigens in human dermatoses. A novel method for the detection of cytotoxic cells in human tissues. *Am J Pathol*, 1988. 133(2): p. 218-25.
239. Mueller, C., H.K. Gershenfeld, C.G. Lobe, C.Y. Okada, R.C. Bleackley, and I.L. Weissman, Expression of two serine esterase genes during an allograft rejection in the mouse. *Transplant Proc*, 1988. 20(2): p. 251-3.
240. Murphy, M.E., J. Moulton, R.C. Bleackley, H. Gershenfeld, I.L. Weissman, and M.N. James, Comparative molecular model building of two serine proteinases from cytotoxic T lymphocytes. *Proteins*, 1988. 4(3): p. 190-204.
241. Guidos, C.J., I.L. Weissman, and B. Adkins, Intrathymic maturation of murine T lymphocytes from CD8+ precursors. *Proc Natl Acad Sci U S A*, 1989. 86(19): p. 7542-6.
242. Siegelman, M.H., M. van de Rijn, and I.L. Weissman, Mouse lymph node homing receptor cDNA clone encodes a glycoprotein revealing tandem interaction domains. *Science*, 1989. 243(4895): p. 1165-72.
243. Spangrude, G.J., J. Klein, S. Heimfeld, Y. Aihara, and I.L. Weissman, Two monoclonal antibodies identify thymic-repopulating cells in mouse bone marrow. *J Immunol*, 1989. 142(2): p. 425-30.
244. Guidos, C., J. Ransom, M. Fischer, I. Weissman, and A. Zlotnik, Role of interleukin-4 in T-cell ontogeny: changes in cell surface phenotype and lymphokine production of immature thymocytes after culture with interleukin-4 and phorbol ester. *J Autoimmun*, 1989. 2 Suppl: p. 141-53.
245. Holzmann, B. and I.L. Weissman, Integrin molecules involved in lymphocyte homing to Peyer's patches. *Immunol Rev*, 1989. 108: p. 45-61.
246. Wu, Q., G.F. Tidmarsh, P.A. Welch, J.H. Pierce, I.L. Weissman, and M.D. Cooper, The early B lineage antigen BP-1 and the transformation-associated antigen 6C3 are on the same molecule. *J Immunol*, 1989. 143(10): p. 3303-8.
247. Butcher, E.C. and I.L. Weissman, Lymphoid tissues and organs, in *Fundamental Immunology, Second Edition*, W.E. Paul, Editor. 1989, Raven Press. p. 117-138.
248. Cooper, C.L., C. Mueller, T.A. Sinchaisri, C. Pirmez, J. Chan, G. Kaplan, S.M. Young, I.L. Weissman, B.R. Bloom, T.H. Rea, and et al., Analysis of naturally occurring delayed-type hypersensitivity reactions in leprosy by in situ hybridization. *J Exp Med*, 1989. 169(5): p. 1565-81.
249. Holzmann, B., B.W. McIntyre, and I.L. Weissman, Identification of a murine Peyer's patch--specific lymphocyte homing receptor as an integrin molecule with an alpha chain homologous to human VLA-4 alpha. *Cell*, 1989. 56(1): p. 37-46.
250. Okada, C.Y. and I.L. Weissman, Relative V beta transcript levels in thymus and peripheral lymphoid tissues from various mouse strains. Inverse correlation of I-E and MIs expression with relative abundance of several V beta transcripts in peripheral lymphoid tissues. *J Exp Med*, 1989. 169(5): p. 1703-19.
251. Weissman, I.L., Developing ethical human models for experimental medicine. *Stanford Med*, 1989(Winter): p. 17-32.

252. Siegelman, M.H. and I.L. Weissman, Human homologue of mouse lymph node homing receptor: evolutionary conservation at tandem cell interaction domains. *Proc Natl Acad Sci U S A*, 1989. 86(14): p. 5562-6.
253. Manyak, C.L., G.P. Norton, C.G. Lobe, R.C. Bleackley, H.K. Gershenfeld, I.L. Weissman, V. Kumar, N.H. Sigal, and G.C. Koo, IL-2 induces expression of serine protease enzymes and genes in natural killer and nonspecific T killer cells. *J Immunol*, 1989. 142(10): p. 3707-13.
254. Guidos, C.J., I.L. Weissman, and B. Adkins, Developmental potential of CD4-8- thymocytes. Peripheral progeny include mature CD4-8- T cells bearing alpha beta T cell receptor. *J Immunol*, 1989. 142(11): p. 3773-80.
255. Jerabek, L., S. Greenspan, C. Okada, and I.L. Weissman, Tolerance, the thymus, and H-Y, in *Realm of Tolerance*. 1989, Springer-Verlag. p. 50-59.
256. van de Rijn, M., S. Heimfeld, G.J. Spangrude, and I.L. Weissman, Mouse hematopoietic stem-cell antigen Sca-1 is a member of the Ly-6 antigen family. *Proc Natl Acad Sci U S A*, 1989. 86(12): p. 4634-8.
257. Holzmann, B. and I.L. Weissman, Peyer's patch-specific lymphocyte homing receptors consist of a VLA-4-like alpha chain associated with either of two integrin beta chains, one of which is novel. *Embo J*, 1989. 8(6): p. 1735-41.
258. Weissman, I., Y. Saito, and B. Rinkevich, Allorecognition in colonial tunicates parallels with and tangents from vertebrate immunity, in *Progress in Immunology, Vol. Vii; 7th International Congress of Immunology, Berlin, West Germany, 1989. Ci+1318p. Springer-Verlag New York, Inc.: Secaucus, New Jersey, USA; Berlin, West Germany. Illus. 1989. 1256-1263.*, F. Melchers, Editor. 1989.
259. Rinkevich, B. and I.L. Weissman, Variation in the outcomes following chimera formation in the colonial tunicate botryllus-schlosseri. *Bulletin of Marine Science*, 1989. 45(2): p. 213-227.
260. O'Neill, H.C. and I.L. Weissman, Measurement of binding specificity between T cell lymphomas and murine leukemia viruses. *J Immunol Methods*, 1989. 122(1): p. 79-90.
261. Muller-Sieburg, C.E., G.F. Tidmarsh, I.L. Weissman, and G.J. Spangrude, Maturation of hematology cells that express Thy-1. *Immunol Ser*, 1989. 45: p. 289-316.
262. McCune, J.M., H. Kaneshima, M. Lieberman, I.L. Weissman, and R. Namikawa, The scid-hu mouse: current status and potential applications. *Curr Top Microbiol Immunol*, 1989. 152: p. 183-93.
263. Heimfeld, S., C.J. Guidos, B. Holzmann, M.H. Siegelman, and I.L. Weissman, Developmental analysis of the mouse hematology system. *Cold Spring Harb Symp Quant Biol*, 1989. 54 Pt 1: p. 75-85.
264. Tidmarsh, G.F., S. Heimfeld, C.A. Whitlock, I.L. Weissman, and C.E. Muller-Sieburg, Identification of a novel bone marrow-derived B-cell progenitor population that coexpresses B220 and Thy-1 and is highly enriched for Abelson leukemia virus targets. *Mol Cell Biol*, 1989. 9(6): p. 2665-71.

265. Weissman, I.L., Some observation on the life history of lymphocytes. *Harvey Lect*, 1989. 85: p. 43-69.
266. Weissman, I.L., S. Heimfeld, and G. Spangrude, Haemopoietic stem cell purification. *Immunol Today*, 1989. 10(6): p. 184-5.
267. Held, W., H.R. MacDonald, I.L. Weissman, M.W. Hess, and C. Mueller, Genes encoding tumor necrosis factor alpha and granzyme A are expressed during development of autoimmune diabetes. *Proc Natl Acad Sci U S A*, 1990. 87(6): p. 2239-43.
268. Farinas, M.C., B. Adkins, A.M. Stall, I. Weissman, and S. Strober, B cell infiltration of the thymic medulla in New Zealand black, New Zealand white, and (New Zealand black x New Zealand white)F1 mice. Effect of total lymphoid irradiation. *Arthritis Rheum*, 1990. 33(5): p. 702-10.
269. Sen-Majumdar, A., C. Guidos, H. Kaneshima, J.H. White, J. Marian, M. Lieberman, and I.L. Weissman, An immunodominant murine lymphoma cell surface heterodimer marks thymic progenitor subsets. *J Immunol*, 1990. 144(1): p. 111-21.
270. Moroy, T., P. Fisher, C. Guidos, A. Ma, K. Zimmerman, A. Tesfaye, R. DePinho, I. Weissman, and F.W. Alt, IgH enhancer deregulated expression of L-myc: abnormal T lymphocyte development and T cell lymphomagenesis. *Embo J*, 1990. 9(11): p. 3659-66.
271. van de Rijn, M., I.L. Weissman, and M. Siegelman, Biosynthesis pathway of gp90MEL-14, the mouse lymph node-specific homing receptor. *J Immunol*, 1990. 145(5): p. 1477-82.
272. Denney, D. and I.L. Weissman, DNA generated by polymerase chain reaction using taq polymerase has non-template nucleotide additions: implications for cloning PCR products. Amplifications. *A Forum for PCR Users*, 1990. 4(25-26).
273. Rinkevich, B. and I.L. Weissman, Botryllus schlosseri (Tunicata) whole colony irradiation: do senescent zooid resorption and immunological resorption involve similar recognition events? *J Exp Zool*, 1990. 253(2): p. 189-201.
274. Okada, C.Y., B. Holzmann, C. Guidos, E. Palmer, and I.L. Weissman, Characterization of a rat monoclonal antibody specific for a determinant encoded by the V beta 7 gene segment. Depletion of V beta 7+ T cells in mice with Mls-1a haplotype. *J Immunol*, 1990. 144(9): p. 3473-7.
275. Boyd, H.C., I.L. Weissman, and Y. Saito, Morphologic and genetic verification that Monterey Botryllus and Woods Hole Botryllus are the same species. *Biol Bull*, 1990. 178: p. 239-250.
276. Lauzon, R.J. and I.L. Weissman, The paternal centrosome directs the polarity of early pattern formation in the fertilized ascidia ceratodes egg, in *Advances in Invertebrate Reproduction 5*, M. Hoshi and O. Yamashita, Editors. 1990, Elsevier Science Publishers B.V. p. 131-128.
277. Sherwood, P.J. and I.L. Weissman, The growth factor IL-7 induces expression of a transformation-associated antigen in normal pre-B cells. *Int Immunol*, 1990. 2(5): p. 399-406.
278. Weissman, I.L., Y. Saito, and B. Rinkevich, Allorecognition histocompatibility in a protochordate species: is the relationship to MHC somatic or structural? *Immunol Rev*, 1990. 113: p. 227-41.

279. Guidos, C.J., J.S. Danska, C.G. Fathman, and I.L. Weissman, T cell receptor-mediated negative selection of autoreactive T lymphocyte precursors occurs after commitment to the CD4 or CD8 lineages. *J Exp Med*, 1990. 172(3): p. 835-45.
280. Siegelman, M.H., I.C. Cheng, I.L. Weissman, and E.K. Wakeland, The mouse lymph node homing receptor is identical with the lymphocyte cell surface marker Ly-22: role of the EGF domain in endothelial binding. *Cell*, 1990. 61(4): p. 611-22.
281. Rinkevich, B. and I.L. Weissman, Failure to find alloimmune memory in the resorption phenomenon of Botryllus cytotoxic chimeras. *Eur J Immunol*, 1990. 20(8): p. 1775-9.
282. Danska, J.S., B.W. McIntyre, H.O. McDevitt, and I.L. Weissman, Structural similarity between a primitive chordate membrane heterodimer and lymphocyte antigen receptors. *Int Immunol*, 1990. 2(9): p. 795-802.
283. Ikuta, K., T. Kina, I. MacNeil, N. Uchida, B. Peault, Y.H. Chien, and I.L. Weissman, A developmental switch in thymic lymphocyte maturation potential occurs at the level of hematopoietic stem cells. *Cell*, 1990. 62(5): p. 863-74.
284. Watson, M.L., S.F. Kingsmore, G.I. Johnston, M.H. Siegelman, M.M. Le Beau, R.S. Lemons, N.S. Bora, T.A. Howard, I.L. Weissman, R.P. McEver, and et al., Genomic organization of the selectin family of leukocyte adhesion molecules on human and mouse chromosome 1. *J Exp Med*, 1990. 172(1): p. 263-72.
285. McCune, J.M., R. Namikawa, M. Lieberman, I. Weissman, and H. Kaneshima, The scid-hu mouse as a model system for hiv infection, in *Ucla (University of California-Los Angeles) Symposia on Molecular and Cellular Biology New Series, Vol. 119. Human Retroviruses; Meeting, Tamarron, Colorado, USA, February 4-11, 1989. Xxiv+410p. Wiley-Liss: New York, New York, USA; Chichester, England, Uk. Illus. Maps. 1990. 347-360.*, J.E. Groopman and et al., Editors. 1990.
286. Weissman, I., S. Heimfeld, G. Spangrude, R. Namikawa, M. Lieberman, H. Kaneshima, L. Smith, C. Guidos, B. Adkins, and M. McCune, Hemopoietic stem cells and early hematolymphoid differentiation in mouse-man, in *Advances in Host Defense Mechanisms, Vol. 7. Molecular Aspects of Immune Response and Infectious Diseases*, H.E.J. Kiyono and D. C, Editors. 1990, Raven Press. p. 171-172.
287. McCune, J., H. Kaneshima, J. Krowka, R. Namikawa, H. Outzen, B. Peault, L. Rabin, C.C. Shih, E. Yee, M. Lieberman, and et al., The SCID-hu mouse: a small animal model for HIV infection and pathogenesis. *Annu Rev Immunol*, 1991. 9: p. 399-429.
288. Mueller, C., J. Shelby, I.L. Weissman, T. Perinat-Frey, and E.J. Eichwald, Expression of the protease gene HF as a marker in rejecting allogeneic murine heart transplants. *Transplantation*, 1991. 51(2): p. 514-7.
289. Kina, T., A.S. Majumdar, S. Heimfeld, H. Kaneshima, B. Holzmann, Y. Katsura, and I.L. Weissman, Identification of a 107-kD glycoprotein that mediates adhesion between stromal cells and hematolymphoid cells. *J Exp Med*, 1991. 173(2): p. 373-81.
290. Siegelman, M.H. and I.L. Weissman, The peripheral lymph node homing receptor tandem structural and functional domains in a novel class of adhesion molecule, in *Cellular and Molecular Mechanisms of Inflammation, Vol. 2. Vascular Adhesion Molecules. X+192p. Academic Press*,

- Inc.: San Diego, California, USA; London, England, Uk. Illus. 1991. 61-89., C.G. Cochrane and J.R. M. A. Gimbrone, Editors. 1991.*
291. Hu, M.C.T., B. Holzmann, H. Neuhaus, and I.L. Weissman, The peyer's patch homing receptor a novel member of the integrin family, in *Cellular and Molecular Mechanisms of Inflammation, Vol. 2. Vascular Adhesion Molecules. X+192p. Academic Press, Inc.: San Diego, California, USA; London, England, Uk. Illus. 1991. 91-110., C.G. Cochrane and J.R. M. A. Gimbrone, Editors. 1991.*
292. Neuhaus, H., M.C. Hu, M.E. Hemler, Y. Takada, B. Holzmann, and I.L. Weissman, Cloning and expression of cDNAs for the alpha subunit of the murine lymphocyte-Peyer's patch adhesion molecule. *J Cell Biol*, 1991. 115(4): p. 1149-58.
293. Weilbaecher, K., I. Weissman, K. Blume, and S. Heimfeld, Culture of phenotypically defined hematopoietic stem cells and other progenitors at limiting dilution on Dexter monolayers. *Blood*, 1991. 78(4): p. 945-52.
294. Miyake, K., I.L. Weissman, J.S. Greenberger, and P.W. Kincade, Evidence for a role of the integrin VLA-4 in lympho-hemopoiesis. *J Exp Med*, 1991. 173(3): p. 599-607.
295. Griffiths, G.M., R. Namikawa, C. Mueller, C.C. Liu, J.D. Young, M. Billingham, and I. Weissman, Granzyme A and perforin as markers for rejection in cardiac transplantation. *Eur J Immunol*, 1991. 21(3): p. 687-93.
296. Friedman, J. and I. Weissman, Two cytoplasmic candidates for immunophilin action are revealed by affinity for a new cyclophilin: one in the presence and one in the absence of CsA. *Cell*, 1991. 66(4): p. 799-806.
297. Liu, J., J.D. Farmer, Jr., W.S. Lane, J. Friedman, I. Weissman, and S.L. Schreiber, Calcineurin is a common target of cyclophilin-cyclosporin A and FKBP-FK506 complexes. *Cell*, 1991. 66(4): p. 807-15.
298. Schmidt-Wolf, I.G., R.S. Negrin, H.P. Kiem, K.G. Blume, and I.L. Weissman, Use of a SCID mouse/human lymphoma model to evaluate cytokine-induced killer cells with potent antitumor cell activity. *J Exp Med*, 1991. 174(1): p. 139-49.
299. Weissman, I.L., C.C. Shih, and P. Sherwood, Abelson leukemia virus tumorigenesis cellular genes that regulate growth and invasiveness, in *Origins of Human Cancer: a Comprehensive Review; Meeting, Cold Spring Harbor, New York, USA, September 1990*, J. Brugge and et al., Editors. 1991, Cold Spring Harbor Laboratory Press. p. 463-471.
300. Smith, L.G., I.L. Weissman, and S. Heimfeld, Clonal analysis of hematopoietic stem-cell differentiation in vivo. *Proc Natl Acad Sci U S A*, 1991. 88(7): p. 2788-92.
301. Wood, G.S., C. Dubiel, C. Mueller, E.A. Abel, R.T. Hoppe, A. Edinger, I. Weissman, and R.A. Warnke, Most CD8+ cells in skin lesions of CD3+ CD4+ mycosis fungoides are CD3+ T cells that lack CD11b, CD16, CD56, CD57, and human Hanukah factor mRNA. *Am J Pathol*, 1991. 138(6): p. 1545-52.

302. Peault, B., I.L. Weissman, C. Baum, J.M. McCune, and A. Tsukamoto, Lymphoid reconstitution of the human fetal thymus in SCID mice with CD34+ precursor cells. *J Exp Med*, 1991. 174(5): p. 1283-6.
303. Waller, E.K., O.W. Kamel, M.L. Cleary, A.S. Majumdar, M.R. Schick, M. Lieberman, and I.L. Weissman, Growth of primary T-cell non-Hodgkin's lymphomata in SCID-hu mice: requirement for a human lymphoid microenvironment. *Blood*, 1991. 78(10): p. 2650-65.
304. Rinkevich, B. and I.L. Weissman, Interpopulational allogeneic reactions in the colonial protochordate *Botryllus schlosseri*. *Int Immunol*, 1991. 3(12): p. 1265-72.
305. Spangrude, G.J., L. Smith, N. Uchida, K. Ikuta, S. Heimfeld, J. Friedman, and I.L. Weissman, Mouse hematopoietic stem cells. *Blood*, 1991. 78(6): p. 1395-402.
306. Heimfeld, S., S. Hudak, I. Weissman, and D. Rennick, The in vitro response of phenotypically defined mouse stem cells and myeloerythroid progenitors to single or multiple growth factors. *Proc Natl Acad Sci U S A*, 1991. 88(21): p. 9902-6.
307. Ikuta, K., D.E. Ingolia, J. Friedman, S. Heimfeld, and I.L. Weissman, Mouse hematopoietic stem cells and the interaction of c-kit receptor and steel factor. *Int J Cell Cloning*, 1991. 9(5): p. 451-60.
308. Ikuta, K. and I.L. Weissman, The junctional modifications of a T cell receptor gamma chain are determined at the level of thymic precursors. *J Exp Med*, 1991. 174(5): p. 1279-82.
309. Heimfeld, S. and I.L. Weissman, Development of mouse hematopoietic lineages. *Curr Top Dev Biol*, 1991. 25: p. 155-75.
310. Abelson, J., A. Karlin, A.G. Gilman, T.J. Kelly, S.C. Harrison, G. Schatz, and I.L. Weissman, Harvey lectures 85 1989-1990. 1991. p. XVI+221P.
311. Weissman, I., G. Spangrude, S. Heimfeld, L. Smith, and N. Uchida, Stem cells. *Nature*, 1991. 353(6339): p. 26.
312. Griffiths, G.M., S. Alpert, E. Lambert, J. McGuire, and I.L. Weissman, Perforin and granzyme A expression identifying cytolytic lymphocytes in rheumatoid arthritis. *Proc Natl Acad Sci U S A*, 1992. 89(2): p. 549-53.
313. Rinkevich, B., M. Shapira, I.L. Weissman, and Y. Saito, Allogeneic responses between three remote populations of the cosmopolitan ascidian *Botryllus schlosseri*. *Zool Sci*, 1992. 9: p. 989-994.
314. Hu, M.C., M.H. Siegelman, B. Holzmann, D.T. Crowe, and I.L. Weissman, Lymphocyte homing receptors. *Cold Spring Harb Symp Quant Biol*, 1992. 57: p. 291-308.
315. Rinkevich, B. and I.L. Weissman, Incidents of rejection and indifference in Fu/HC incompatible protochordate colonies. *J Exp Zool*, 1992. 263(1): p. 105-11.
316. Rinkevich, B. and I.L. Weissman, Allogeneic resorption in colonial protochordates: consequences of nonself recognition. *Dev Comp Immunol*, 1992. 16(4): p. 275-86.

317. Uchida, N. and I.L. Weissman, Searching for hematopoietic stem cells: evidence that Thy-1.1<sup>lo</sup> Lin<sup>-</sup> Sca-1<sup>+</sup> cells are the only stem cells in C57BL/Ka-Thy-1.1 bone marrow. *J Exp Med*, 1992. 175(1): p. 175-84.
318. Rinkevich, B. and I.L. Weissman, Chimeras vs genetically homogenous individuals: potential fitness costs and benefits. *Oikos*, 1992. 63: p. 119-124.
319. Baum, C.M., I.L. Weissman, A.S. Tsukamoto, A.M. Buckle, and B. Peault, Isolation of a candidate human hematopoietic stem-cell population. *Proc Natl Acad Sci U S A*, 1992. 89(7): p. 2804-8.
320. Rinkevich, B., R.J. Lauzon, B.W. Brown, and I.L. Weissman, Evidence for a programmed life span in a colonial protochordate. *Proc Natl Acad Sci U S A*, 1992. 89(8): p. 3546-50.
321. Ikuta, K., N. Uchida, J. Friedman, and I.L. Weissman, Lymphocyte development from stem cells. *Annu Rev Immunol*, 1992. 10: p. 759-83.
322. Ikuta, K. and I.L. Weissman, Evidence that hematopoietic stem cells express mouse c-kit but do not depend on steel factor for their generation. *Proc Natl Acad Sci U S A*, 1992. 89(4): p. 1502-6.
323. Lagasse, E. and I.L. Weissman, Mouse MRP8 and MRP14, two intracellular calcium-binding proteins associated with the development of the myeloid lineage. *Blood*, 1992. 79(8): p. 1907-15.
324. Ikuta, K., T. Kina, I. MacNeil, N. Uchida, B. Peault, Y.H. Chien, and I.L. Weissman, Development of gamma delta T-cell subsets from fetal hematopoietic stem cells. *Ann N Y Acad Sci*, 1992. 651: p. 21-32.
325. Hu, M.C., D.T. Crowe, I.L. Weissman, and B. Holzmann, Cloning and expression of mouse integrin beta p(beta 7): a functional role in Peyer's patch-specific lymphocyte homing. *Proc Natl Acad Sci U S A*, 1992. 89(17): p. 8254-8.
326. Lauzon, R.J., K.J. Ishizuka, and I.L. Weissman, A cyclical, developmentally-regulated death phenomenon in a colonial urochordate. *Dev Dyn*, 1992. 194(1): p. 71-83.
327. Weissman, I.L., Hematopoietic stem cells and lymphopoiesis. *Current Opinion in Oncology*, 1992. 4(suppl 1): p. S8-S10.
328. Vaux, D.L., H.L. Aguila, and I.L. Weissman, Bcl-2 prevents death of factor-deprived cells but fails to prevent apoptosis in targets of cell mediated killing. *Int Immunol*, 1992. 4(7): p. 821-4.
329. Sen-Majumdar, A., M. Lieberman, S. Alpert, I.L. Weissman, and M. Small, Differentiation of CD3-4-8-thymocytes in short-term thymic stromal cell culture. *J Exp Med*, 1992. 176: p. 543-551.
330. Negrin, R.S. and I.L. Weissman, Hematopoietic stem cells in normal and malignant states. *Marrow Transplantation Rev*, 1992. 2: p. 23-26.
331. Talento, A., M. Nguyen, S. Law, J.K. Wu, M. Poe, J.T. Blake, M. Patel, T.-J. Wu, C.L. Manyak, M. Silberklang, G. Mark, M. Springer, N.H. Sigal, I.L. Weissman, R.C. Bleackley, E.R. Podack, M.L. Tykocinski, and G.C. Koo, Transfection of mouse cytotoxic T lymphocyte with an antisense granzyme a vector reduces lytic activity. *J Immunol*, 1992. 149: p. 4009-4015.

332. Waller, E.K., A. Sen-Majumdar, O.W. Kamel, G.A. Hansteen, M.R. Schick, and I.L. Weissman, Human T-cell development in SCID-hu mice: staphylococcal enterotoxins induce specific clonal deletions, proliferation, and anergy. *Blood*, 1992. 80(12): p. 3144-56.
333. Hershberger, R.J., H.K. Gershenfeld, I.L. Weissman, and L. Su, Genomic organization of the mouse granzyme A gene. Two mRNAs encode the same mature granzyme A with different leader peptides. *J Biol Chem*, 1992. 267(35): p. 25488-93.
334. Lieberman, M., G.A. Hansteen, E.K. Waller, I.L. Weissman, and A. Sen-Majumdar, Unexpected effects of the severe combined immunodeficiency mutation on murine lymphomagenesis. *J Exp Med*, 1992. 176(2): p. 399-405.
335. Vaux, D.L., I.L. Weissman, and S.K. Kim, Prevention of programmed cell death in *Caenorhabditis elegans* by human bcl-2. *Science*, 1992. 258(5090): p. 1955-7.
336. Heimfeld, S. and I.L. Weissman, Characterization of several classes of mouse hematopoietic progenitor cells. *Curr Top Microbiol Immunol*, 1992. 177: p. 95-105.
337. Baum, C., N. Uchida, B. Peault, and I. Weissman, Isolation and characterization of hematopoietic progenitor and stem cells, in *Bone Marrow Transplantation*, K. Blume, D. Thomas, and S. Forman, Editors. 1993, Blackwell Scientific. p. 53-71.
338. Lauzon, R.J., C.W. Patton, and I.L. Weissman, A morphological and immunohistochemical study of programmed cell death in *Botryllus schlosseri* (Tunicata, Ascidiacea). *Cell Tissue Res*, 1993. 272(1): p. 115-27.
339. Chen, R.H., K.W. Ivens, S. Alpert, M.E. Billingham, C.G. Fathman, T.F. Flavin, J.A. Shizuru, V.A. Starnes, I.L. Weissman, and G.M. Griffiths, The use of granzyme A as a marker of heart transplant rejection in cyclosporine or anti-CD4 monoclonal antibody-treated rats. *Transplantation*, 1993. 55(1): p. 146-53.
340. Fleming, W.H., E.J. Alpern, N. Uchida, K. Ikuta, and I.L. Weissman, Steel factor influences the distribution and activity of murine hematopoietic stem cells in vivo. *Proc Natl Acad Sci U S A*, 1993. 90(8): p. 3760-4.
341. Guidos, C. and I. Weissman, Sequential occurrence of positive and negative selection during T lymphocyte maturation, in *Biomedical Sciences and Symposia on Molecular Mechanisms of Immunological Self-Recognition*, F.W. Alt and H. Vogel, Editors. 1993, Academic Press. p. 137-147.
342. Su, L., R.J. Hershberger, and I.L. Weissman, LYAR, a novel nucleolar protein with zinc finger DNA-binding motifs, is involved in cell growth regulation. *Genes Dev*, 1993. 7(5): p. 735-48.
343. Rinkevich, B., Y. Saito, and I.L. Weissman, A colonial invertebrate species that displays a hierarchy of allorecognition responses. *Biol Bull*, 1993. 184: p. 79-86.
344. Uchida, N., W.H. Fleming, E.J. Alpern, and I.L. Weissman, Heterogeneity of hematopoietic stem cells. *Curr Opin Immunol*, 1993. 5(2): p. 177-84.

345. Miller, S.C., W.H. Fleming, K.M. Zsebo, and I.L. Weissman, The in vivo effects of steel factor on natural killer lineage cells in murine spleen and bone marrow. *Nat Immun*, 1993. 12(6): p. 293-301.
346. Kraft, D.L., I.L. Weissman, and E.K. Waller, Differentiation of CD3-4-8- human fetal thymocytes in vivo: characterization of a CD3-4+8- intermediate. *J Exp Med*, 1993. 178(1): p. 265-77.
347. Ikuta, K. and I.L. Weissman, T lymphocyte development from fetal hematopoietic stem cells. *Sem Dev Biol*, 1993. 4: p. 371-8.
348. Hu, M.C., B. Holzmann, D.T. Crowe, H. Neuhaus, and I.L. Weissman, The Peyer's patch homing receptor. *Curr Top Microbiol Immunol*, 1993. 184: p. 125-38.
349. Peault, B., C. Baum, and I.L. Weissman, Characterization and purification of candidate mouse and human hematopoietic stem cells. 1993.
350. Friedman, J., M. Trahey, and I. Weissman, Cloning and characterization of cyclophilin C-associated protein: a candidate natural cellular ligand for cyclophilin C. *Proc Natl Acad Sci U S A*, 1993. 90(14): p. 6815-9.
351. Fleming, W.H., E.J. Alpern, N. Uchida, K. Ikuta, G.J. Spangrude, and I.L. Weissman, Functional heterogeneity is associated with the cell cycle status of murine hematopoietic stem cells. *J Cell Biol*, 1993. 122(4): p. 897-902.
352. Peault, B., I. Weissman, and C. Baum, Analysis of candidate human blood stem cells in "humanized" immune-deficiency SCID mice. *Leukemia*, 1993. 7 Suppl 2: p. S98-101.
353. Berlin, C., E.L. Berg, M.J. Briskin, D.P. Andrew, P.J. Kilshaw, B. Holzmann, I.L. Weissman, A. Hamann, and E.C. Butcher, Alpha 4 beta 7 integrin mediates lymphocyte binding to the mucosal vascular addressin MAdCAM-1. *Cell*, 1993. 74(1): p. 185-95.
354. Vaux, D.L. and I.L. Weissman, Neither macromolecular synthesis nor myc is required for cell death via the mechanism that can be controlled by Bcl-2. *Mol Cell Biol*, 1993. 13(11): p. 7000-5.
355. Weissman, I.L. and M.D. Cooper, How the immune system develops. *Sci Am*, 1993. 269(3): p. 64-71.
356. Waller, E.K., M. Ziemianska, C.D. Bangs, M. Cleary, I. Weissman, and O.W. Kamel, Characterization of posttransplant lymphomas that express T-cell-associated markers: immunophenotypes, molecular genetics, cytogenetics, and heterotransplantation in severe combined immunodeficient mice. *Blood*, 1993. 82(1): p. 247-61.
357. Ke, H., Y. Zhao, F. Luo, I. Weissman, and J. Friedman, Crystal structure of murine cyclophilin C complexed with immunosuppressive drug cyclosporin A. *Proc Natl Acad Sci U S A*, 1993. 90(24): p. 11850-4.
358. Griffiths, G., S. Alpert, R.J. Herschberger, L. Su, and I. Weissman, The granzyme a gene: a marker for cytolytic lymphocytes in vivo, in *Cytotoxic Cells*, M. Sitkovsky and P. Henkart, Editors. 1993, Birkhauser. p. 273-277.
359. Weissman, I.L., The whole body view. *Curr Biol*, 1993. 3(11): p. 766-9.

360. Schmidt-Wolf, I.G., P. Lefterova, B.A. Mehta, L.P. Fernandez, D. Huhn, K.G. Blume, I.L. Weissman, and R.S. Negrin, Phenotypic characterization and identification of effector cells involved in tumor cell recognition of cytokine-induced killer cells. *Exp Hematol*, 1993. 21(13): p. 1673-9.
361. Peault, B., I.L. Weissman, A.M. Buckle, A. Tsukamoto, and C. Baum, Thy-1-expressing CD34+ human cells express multiple hematopoietic potentialities in vitro and in SCID-hu mice. *Nouv Rev Fr Hematol*, 1993. 35(1): p. 91-3.
362. Peault, B., I. Khazaal, and I.L. Weissman, In vitro development of B cells and macrophages from early mouse fetal thymocytes. *Eur J Immunol*, 1994. 24(3): p. 781-4.
363. Weissman, I.L., Developmental switches in the immune system. *Cell*, 1994. 76(2): p. 207-18.
364. Bartl, S. and I.L. Weissman, PCR primers containing an inosine triplet to complement a variable codon within a conserved protein-coding region. *Biotechniques*, 1994. 16(2): p. 246-8, 250.
365. Bartl, S. and I.L. Weissman, Isolation and characterization of major histocompatibility complex class IIB genes from the nurse shark. *Proc Natl Acad Sci U S A*, 1994. 91(1): p. 262-6.
366. Bartl, S. and I.L. Weissman, The isolation of putative major histocompatibility complex gene fragments from dogfish and nurse shark. *Ann N Y Acad Sci*, 1994. 712: p. 346-9.
367. Sen-Majumdar, A., I.L. Weissman, G. Hansteen, J. Marian, E.K. Waller, and M. Lieberman, Radiation leukemia virus-induced thymic lymphomas express a restricted repertoire of T-cell receptor V beta gene products. *J Virol*, 1994. 68(2): p. 1165-72.
368. Friedman, J., I. Weissman, J. Friedman, and S. Alpert, An analysis of the expression of cyclophilin C reveals tissue restriction and an intriguing pattern in the mouse kidney. *Am J Pathol*, 1994. 144(6): p. 1247-56.
369. Lagasse, E. and I.L. Weissman, bcl-2 inhibits apoptosis of neutrophils but not their engulfment by macrophages. *J Exp Med*, 1994. 179(3): p. 1047-52.
370. Qian, F., D.L. Vaux, and I.L. Weissman, Expression of the integrin alpha 4 beta 1 on melanoma cells can inhibit the invasive stage of metastasis formation. *Cell*, 1994. 77(3): p. 335-47.
371. Uchida, N., H.L. Aguila, W.H. Fleming, L. Jerabek, and I.L. Weissman, Rapid and sustained hematopoietic recovery in lethally irradiated mice transplanted with purified Thy-1.1lo Lin-Sca-1+ hematopoietic stem cells. *Blood*, 1994. 83(12): p. 3758-79.
372. Crowe, D.T., H. Chiu, S. Fong, and I.L. Weissman, Regulation of the avidity of integrin alpha 4 beta 7 by the beta 7 cytoplasmic domain. *J Biol Chem*, 1994. 269(20): p. 14411-8.
373. Morrison, S.J., E. Lagasse, and I.L. Weissman, Demonstration that Thy(1o) subsets of mouse bone marrow that express high levels of lineage markers are not significant hematopoietic progenitors. *Blood*, 1994. 83(12): p. 3480-90.
374. Veromaa, T., I.L. Weissman, L. Steinman, S. Brocke, and K. Gijbels, Critical role of CD44 and beta 4 integrins in the experimental autoimmune encephalomyelitis. *Trends Microbiol*, 1994. 2: p. 250-4.

375. Morrison, S.J. and I.L. Weissman, The long-term repopulating subset of hematopoietic stem cells is deterministic and isolatable by phenotype. *Immunity*, 1994. 1(8): p. 661-73.
376. Small, M., A.S. Majumdar, M. Lieberman, and I. Weissman, Isolation of CD3-, CD4-, CD8-, IL-2R+ thymocyte precursors by panning. *J Immunol Methods*, 1994. 167(1-2): p. 103-7.
377. Weissman, I.L., Stem cells, clonal progenitors, and commitment to the three lymphocyte lineages: T, B, and NK cells. *Immunity*, 1994. 1(7): p. 529-31.
378. Sen-Majumdar, A., C. Guidos, T. Kina, M. Lieberman, and I.L. Weissman, Characterization of preneoplastic thymocytes and of their neoplastic progression in irradiated C57BL/Ka mice. *J Immunol*, 1994. 153(4): p. 1581-92.
379. Rinkevich, B. and I.L. Weissman, Alloimmune hierarchies and stress-induced reversals in the resorption of chimeric protochordate colonies. *Proc R Soc Lond [Biol]*, 1994. 258: p. 215-20.
380. Bartl, S., D. Baltimore, and I.L. Weissman, Molecular evolution of the vertebrate immune system. *Proc Natl Acad Sci U S A*, 1994. 91(23): p. 10769-70.
381. Alpert, S., H.I. Kang, I. Weissman, and R.I. Fox, Expression of granzyme A in salivary gland biopsies from patients with primary Sjogren's syndrome. *Arthritis Rheum*, 1994. 37(7): p. 1046-54.
382. Brocke, S., T. Veromaa, I.L. Weissman, K. Gijbels, and L. Steinman, Infection and multiple sclerosis: a possible role for superantigens? *Trends Microbiol*, 1994. 2(7): p. 250-4.
383. Weissman, I.L., The common gamma (gamma c) chain for multiple cytokine receptors. *Jpn J Cancer Res*, 1994. 85(10): p. inside front cover.
384. Fleming, W.H. and I.L. Weissman, Hematopoietic stem cells, in *Clinical Oncology*, M. Abelhoff, et al., Editors. 1995, Churchill Livingstone. p. 127-134.
385. Tsukamoto, A., I.L. Weissman, B. Chen, D. DiGiusto, C. Baum, R. Hoffman, and N. Uchida, Phenotypic and functional analysis of hematopoietic stem cells in mouse and human, in *Hematopoietic Stem Cells: Biology and Therapeutic Applications*, D. Levitt and R. Mertelsmann, Editors. 1995, Marcel Dekker. p. 85-124.
386. Morrison, S.J., N. Uchida, and I.L. Weissman, The biology of hematopoietic stem cells. *Annu Rev Cell Dev Biol*, 1995. 11: p. 35-71.
387. Morrison, S.J. and I.L. Weissman, Heterogeneity of hematopoietic stem cells: implications for clinical applications. *Proc Assoc Am Physicians*, 1995. 107(2): p. 187-94.
388. Aguila, H.L., R.J. Hershberger, and I.L. Weissman, Transgenic mice carrying the diphtheria toxin A chain gene under the control of the granzyme A promoter: expected depletion of cytotoxic cells and unexpected depletion of CD8 T cells. *Proc Natl Acad Sci U S A*, 1995. 92(22): p. 10192-6.
389. Chadwick-Furman, N.E. and I.L. Weissman, Life histories and senescence of *Botryllus schlosseri* (Chordata, Ascidiacea) in Monterey Bay. *Biol Bull*, 1995. 189(1): p. 36-41.
390. Chiu, H.H., D.T. Crowe, M.E. Renz, L.G. Presta, S. Jones, I.L. Weissman, and S. Fong, Similar but nonidentical amino acid residues on vascular cell adhesion molecule-1 are involved in the

- interaction with alpha 4 beta 1 and alpha 4 beta 7 under different activity states. *J Immunol*, 1995. 155(11): p. 5257-67.
391. Dejbakhsh-Jones, S., L. Jerabek, I.L. Weissman, and S. Strober, Extrathymic maturation of alpha beta T cells from hemopoietic stem cells. *J Immunol*, 1995. 155(7): p. 3338-44.
392. Mehta, B.A., I.G. Schmidt-Wolf, I.L. Weissman, and R.S. Negrin, Two pathways of exocytosis of cytoplasmic granule contents and target cell killing by cytokine-induced CD3+ CD56+ killer cells. *Blood*, 1995. 86(9): p. 3493-9.
393. Morrison, S.J., H.D. Hemmati, A.M. Wandycz, and I.L. Weissman, The purification and characterization of fetal liver hematopoietic stem cells. *Proc Natl Acad Sci U S A*, 1995. 92(22): p. 10302-6.
394. Chadwick-Furman, N.E. and I.L. Weissman, Life history plasticity in chimaeras of the colonial ascidian *Botryllus schlosseri*. *Proc Biol Sci*, 1995. 262(1364): p. 157-62.
395. Weissman, I., Hematopoietic stem cells. 1995. p. 15-21.
396. Aguila, H.L. and I.L. Weissman, Hematopoietic stem cells are not direct cytotoxic targets of natural killer cells. *Blood*, 1996. 87(4): p. 1225-31.
397. Shizuru, J.A., L. Jerabek, C.T. Edwards, and I.L. Weissman, Transplantation of purified hematopoietic stem cells: requirements for overcoming the barriers of allogeneic engraftment. *Biol Blood Marrow Transplant*, 1996. 2(1): p. 3-14.
398. Uchida, N., L. Jerabek, and I.L. Weissman, Searching for hematopoietic stem cells. II. The heterogeneity of Thy-1.1(lo)Lin(-/lo)Sca-1+ mouse hematopoietic stem cells separated by counterflow centrifugal elutriation. *Exp Hematol*, 1996. 24(5): p. 649-59.
399. Randall, T.D., F.E. Lund, M.C. Howard, and I.L. Weissman, Expression of murine CD38 defines a population of long-term reconstituting hematopoietic stem cells. *Blood*, 1996. 87(10): p. 4057-67.
400. Komagata, Y., I.L. Weissman, and K. Ikuta, Heterogeneity of N insertion capacity in fetal hematopoietic stem cells. *Int Immunol*, 1996. 8(6): p. 837-45.
401. Fagan, M.B. and I.L. Weissman, Sequence and characterization of two HSP70 genes in the colonial protochordate *Botryllus schlosseri*. *Immunogenetics*, 1996. 44(2): p. 134-42.
402. Small, M. and I.L. Weissman, CD3-4-8- thymocyte precursors with interleukin-2 receptors differentiate phenotypically in coculture with thymic stromal cells. *Scand J Immunol*, 1996. 44(2): p. 115-21.
403. Vaux, D.L., D. Whitney, and I.L. Weissman, Activation of physiological cell death mechanisms by a necrosis-causing agent. *Microsc Res Tech*, 1996. 34(3): p. 259-66.
404. Akashi, K. and I.L. Weissman, The c-kit+ maturation pathway in mouse thymic T cell development: lineages and selection. *Immunity*, 1996. 5(2): p. 147-61.
405. Morrison, S.J., K.R. Prowse, P. Ho, and I.L. Weissman, Telomerase activity in hematopoietic cells is associated with self-renewal potential. *Immunity*, 1996. 5(3): p. 207-16.

406. Yang, X.D., S.A. Michie, R.E. Mebius, R. Tisch, I. Weissman, and H.O. McDevitt, The role of cell adhesion molecules in the development of IDDM: implications for pathogenesis and therapy. *Diabetes*, 1996. 45(6): p. 705-10.
407. Mebius, R.E., P.R. Streeter, S. Michie, E.C. Butcher, and I.L. Weissman, A developmental switch in lymphocyte homing receptor and endothelial vascular addressin expression regulates lymphocyte homing and permits CD4+ CD3- cells to colonize lymph nodes. *Proc Natl Acad Sci U S A*, 1996. 93(20): p. 11019-24.
408. Lagasse, E. and I.L. Weissman, Flow cytometric identification of murine neutrophils and monocytes. *J Immunol Methods*, 1996. 197(1-2): p. 139-50.
409. Morrison, S.J., A.M. Wandycz, K. Akashi, A. Globerson, and I.L. Weissman, The aging of hematopoietic stem cells. *Nat Med*, 1996. 2(9): p. 1011-6.
410. Stoner, D.S. and I.L. Weissman, Somatic and germ cell parasitism in a colonial ascidian: possible role for a highly polymorphic allorecognition system. *Proc Natl Acad Sci U S A*, 1996. 93(26): p. 15254-9.
411. Weissman, I.L., From thymic lineages back to hematopoietic stem cells, sometimes using homing receptors. *J Immunol*, 1996. 156(6): p. 2019-25.
412. Tidmarsh, G.F., S. Heimfeld, C.A. Whitlock, I.L. Weissman, and C.E. Muller-Sieburg, Identification of a novel bone marrow-derived B-cell progenitor population that coexpresses B220 and Thy-1 and is highly enriched for Abelson leukemia virus targets. *Mol Cell Biol*, 1996. 16(10): p. 5946.
413. Weissman, I., Stem cells: the lessons from hematopoiesis, in *Isolation, Characterization and Utilization of CNS Stem Cells*, F. Gage and Y. Christen, Editors. 1997, Springer-Verlag. p. 1-8.
414. Morrison, S.J., D.E. Wright, and I.L. Weissman, Cyclophosphamide/granulocyte colony-stimulating factor induces hematopoietic stem cells to proliferate prior to mobilization. *Proc Natl Acad Sci U S A*, 1997. 94(5): p. 1908-13.
415. Brown, D., S. Kogan, E. Lagasse, I. Weissman, M. Alcalay, P.G. Pelicci, S. Atwater, and J.M. Bishop, A PMLRARalpha transgene initiates murine acute promyelocytic leukemia. *Proc Natl Acad Sci U S A*, 1997. 94(6): p. 2551-6.
416. Randall, T.D. and I.L. Weissman, Phenotypic and functional changes induced at the clonal level in hematopoietic stem cells after 5-fluorouracil treatment. *Blood*, 1997. 89(10): p. 3596-606.
417. Morrison, S.J., A.M. Wandycz, H.D. Hemmati, D.E. Wright, and I.L. Weissman, Identification of a lineage of multipotent hematopoietic progenitors. *Development*, 1997. 124(10): p. 1929-39.
418. Lagasse, E. and I.L. Weissman, Enforced expression of Bcl-2 in monocytes rescues macrophages and partially reverses osteopetrosis in op/op mice. *Cell*, 1997. 89(7): p. 1021-31.
419. Akashi, K., M. Kondo, U. von Freeden-Jeffry, R. Murray, and I.L. Weissman, Bcl-2 rescues T lymphopoiesis in interleukin-7 receptor-deficient mice. *Cell*, 1997. 89(7): p. 1033-41.

420. Aguila, H.L., K. Akashi, J. Domen, K.L. Gandy, E. Lagasse, R.E. Mebius, S.J. Morrison, J. Shizuru, S. Strober, N. Uchida, D.E. Wright, and I.L. Weissman, From stem cells to lymphocytes: biology and transplantation. *Immunol Rev*, 1997. 157: p. 13-40.
421. Stoner, D.S., J.M. Quattro, and I.L. Weissman, Highly polymorphic microsatellite loci in the colonial ascidian *Botryllus schlosseri*. *Mol Mar Biol Biotechnol*, 1997. 6(3): p. 163-71.
422. Morrison, S.J., D.E. Wright, S.H. Cheshier, and I.L. Weissman, Hematopoietic stem cells: challenges to expectations. *Curr Opin Immunol*, 1997. 9(2): p. 216-21.
423. Mebius, R.E., P. Rennert, and I.L. Weissman, Developing lymph nodes collect CD4+CD3-LTbeta+ cells that can differentiate to APC, NK cells, and follicular cells but not T or B cells. *Immunity*, 1997. 7(4): p. 493-504.
424. Uchida, N., A.M. Frieria, D. He, M.J. Reitsma, A.S. Tsukamoto, and I.L. Weissman, Hydroxyurea can be used to increase mouse c-kit+Thy-1. 1(lo)Lin-/loSca-1(+) hematopoietic cell number and frequency in cell cycle in vivo. *Blood*, 1997. 90(11): p. 4354-62.
425. Kondo, M., K. Akashi, J. Domen, K. Sugamura, and I.L. Weissman, Bcl-2 rescues T lymphopoiesis, but not B or NK cell development, in common gamma chain-deficient mice. *Immunity*, 1997. 7(1): p. 155-62.
426. Kondo, M., I.L. Weissman, and K. Akashi, Identification of clonogenic common lymphoid progenitors in mouse bone marrow. *Cell*, 1997. 91(5): p. 661-72.
427. Fagan, M.B. and I.L. Weissman, HSP70 genes and historecognition in *Botryllus schlosseri*: implications for MHC evolution. *Hereditas*, 1997. 127(1-2): p. 25-35.
428. Fagan, M.B. and I.L. Weissman, Linkage analysis of HSP70 genes and historecognition locus in *botryllus schlosseri*. *Immunogenetics*, 1998. 47(6): p. 468-76.
429. Klug, C.A., S.J. Morrison, M. Masek, K. Hahm, S.T. Smale, and I.L. Weissman, Hematopoietic stem cells and lymphoid progenitors express different Ikaros isoforms, and Ikaros is localized to heterochromatin in immature lymphocytes. *Proc Natl Acad Sci U S A*, 1998. 95(2): p. 657-62.
430. Gandy, K.L. and I.L. Weissman, Tolerance of allogeneic heart grafts in mice simultaneously reconstituted with purified allogeneic hematopoietic stem cells. *Transplantation*, 1998. 65(3): p. 295-304.
431. Uchida, N., A. Tsukamoto, D. He, A.M. Frieria, R. Scollay, and I.L. Weissman, High doses of purified stem cells cause early hematopoietic recovery in syngeneic and allogeneic hosts. *J Clin Invest*, 1998. 101(5): p. 961-6.
432. Randall, T.D. and I.L. Weissman, Characterization of a population of cells in the bone marrow that phenotypically mimics hematopoietic stem cells: resting stem cells or mystery population? *Stem Cells*, 1998. 16(1): p. 38-48.
433. Hahm, K., B.S. Cobb, A.S. McCarty, K.E. Brown, C.A. Klug, R. Lee, K. Akashi, I.L. Weissman, A.G. Fisher, and S.T. Smale, Helios, a T cell-restricted Ikaros family member that quantitatively associates with Ikaros at centromeric heterochromatin. *Genes Dev*, 1998. 12(6): p. 782-96.

434. Akashi, K., M. Kondo, and I.L. Weissman, Two distinct pathways of positive selection for thymocytes. *Proc Natl Acad Sci U S A*, 1998. 95(5): p. 2486-91.
435. Domen, J., K.L. Gandy, and I.L. Weissman, Systemic overexpression of BCL-2 in the hematopoietic system protects transgenic mice from the consequences of lethal irradiation. *Blood*, 1998. 91(7): p. 2272-82.
436. De Tomaso, A.W., Y. Saito, K.J. Ishizuka, K.J. Palmeri, and I.L. Weissman, Mapping the genome of a model protochordate. I. A low resolution genetic map encompassing the fusion/histocompatibility (Fu/HC) locus of *Botryllus schlosseri*. *Genetics*, 1998. 149(1): p. 277-87.
437. Cohen, C.S., Y. Saito, and I.L. Weissman, Evolution of allorecognition in botryllid ascidians inferred from a molecular phylogeny. *Evolution*, 1998. 52: p. 746-56.
438. Garcia-Ojeda, M.E., S. Dejbakhsh-Jones, I.L. Weissman, and S. Strober, An alternate pathway for T cell development supported by the bone marrow microenvironment: recapitulation of thymic maturation. *J Exp Med*, 1998. 187(11): p. 1813-23.
439. Fagan, M.B. and I.L. Weissman, Characterization of a polymorphic protein localized to vascular epithelium in *Botryllus schlosseri*: role in tunic synthesis? *Mol Mar Biol Biotechnol*, 1998. 7(3): p. 204-13.
440. Mebius, R.E., I.L. Schadee-Eestermans, and I.L. Weissman, MAdCAM-1 dependent colonization of developing lymph nodes involves a unique subset of CD4+CD3- hematolymphoid cells. *Cell Adhes Commun*, 1998. 6(2-3): p. 97-103.
441. Traver, D., K. Akashi, I.L. Weissman, and E. Lagasse, Mice defective in two apoptosis pathways in the myeloid lineage develop acute myeloblastic leukemia. *Immunity*, 1998. 9(1): p. 47-57.
442. Randall, T.D., A.W. Heath, L. Santos-Argumedo, M.C. Howard, I.L. Weissman, and F.E. Lund, Arrest of B lymphocyte terminal differentiation by CD40 signaling: mechanism for lack of antibody-secreting cells in germinal centers. *Immunity*, 1998. 8(6): p. 733-42.
443. Akashi, K., M. Kondo, A.M. Schlageter, and I.L. Weissman, T-cell development from hematopoietic stem cells, in *Molecular Biology of B-Cell and T-Cell Development*, J.G. Monroe and E.V. Rothenberg, Editors. 1998, Humana Press. p. 305-36.
444. Akashi, K., M. Kondo, and I.L. Weissman, Role of interleukin-7 in T-cell development from hematopoietic stem cells. *Immunol Rev*, 1998. 165: p. 13-28.
445. Uchida, N., R.E. Sutton, A.M. Frieri, D. He, M.J. Reitsma, W.C. Chang, G. Veres, R. Scollay, and I.L. Weissman, HIV, but not murine leukemia virus, vectors mediate high efficiency gene transfer into freshly isolated G0/G1 human hematopoietic stem cells. *Proc Natl Acad Sci U S A*, 1998. 95(20): p. 11939-44.
446. Kogan, S.C., E. Lagasse, S. Atwater, S.C. Bae, I. Weissman, Y. Ito, and J.M. Bishop, The PEBP2betaMYH11 fusion created by Inv(16)(p13;q22) in myeloid leukemia impairs neutrophil maturation and contributes to granulocytic dysplasia. *Proc Natl Acad Sci U S A*, 1998. 95(20): p. 11863-8.

447. Rinkevich, B., I.L. Weissman, and A.W. De Tomaso, Transplantation of Fu/HC-incompatible zooids in *Botryllus schlosseri* results in chimerism. *Biol Bull*, 1998. 195(2): p. 98-106.
448. Mebius, R.E., S. van Tuijl, I.L. Weissman, and T.D. Randall, Transfer of primitive stem/progenitor bone marrow cells from LT alpha-/- donors to wild-type hosts: implications for the generation of architectural events in lymphoid B cell domains. *J Immunol*, 1998. 161(8): p. 3836-43.
449. Shizuru, J.A. and I.L. Weissman, Isolation and characterization of hematopoietic progenitor and stem cells, in *Hematopoietic Cell Transplantation*, E.D. Thomas, K.G. Blume, and S.J. Forman, Editors. 1999, Blackwell Sciences. p. 63-78.
450. Magor, B.G., A. De Tomaso, B. Rinkevich, and I.L. Weissman, Allorecognition in colonial tunicates: protection against predatory cell lineages? *Immunol Rev*, 1999. 167: p. 69-79.
451. Cheshier, S.H., S.J. Morrison, X. Liao, and I.L. Weissman, In vivo proliferation and cell cycle kinetics of long-term self-renewing hematopoietic stem cells. *Proc Natl Acad Sci U S A*, 1999. 96(6): p. 3120-5.
452. Trahey, M. and I.L. Weissman, Cyclophilin C-associated protein: a normal secreted glycoprotein that down-modulates endotoxin and proinflammatory responses in vivo. *Proc Natl Acad Sci U S A*, 1999. 96(6): p. 3006-11.
453. Domen, J. and I.L. Weissman, Self-renewal, differentiation or death: regulation and manipulation of hematopoietic stem cell fate. *Mol Med Today*, 1999. 5(5): p. 201-8.
454. Brocke, S., C. Piercy, L. Steinman, I.L. Weissman, and T. Veromaa, Antibodies to CD44 and integrin alpha4, but not L-selectin, prevent central nervous system inflammation and experimental encephalomyelitis by blocking secondary leukocyte recruitment. *Proc Natl Acad Sci U S A*, 1999. 96(12): p. 6896-901.
455. Akashi, K., D. Traver, M. Kondo, and I.L. Weissman, Lymphoid development from hematopoietic stem cells. *Int J Hematol*, 1999. 69(4): p. 217-26.
456. Stoner, D.S., B. Rinkevich, and I.L. Weissman, Heritable germ and somatic cell lineage competitions in chimeric colonial protochordates. *Proc Natl Acad Sci U S A*, 1999. 96(16): p. 9148-53.
457. Ye, S.K., K. Maki, T. Kitamura, S. Sunaga, K. Akashi, J. Domen, I.L. Weissman, T. Honjo, and K. Ikuta, Induction of germline transcription in the TCRgamma locus by Stat5: implications for accessibility control by the IL-7 receptor. *Immunity*, 1999. 11(2): p. 213-23.
458. Weissman, I.L. and J.A. Shizuru, Immune reconstitution. *N Engl J Med*, 1999. 341(16): p. 1227-9.
459. Gandy, K.L., J. Domen, H. Aguila, and I.L. Weissman, CD8+TCR+ and CD8+TCR- cells in whole bone marrow facilitate the engraftment of hematopoietic stem cells across allogeneic barriers. *Immunity*, 1999. 11(5): p. 579-90.
460. Akashi, K., M. Kondo, S. Cheshier, J. Shizuru, K. Gandy, J. Domen, R. Mebius, D. Traver, and I.L. Weissman, Lymphoid development from stem cells and the common lymphocyte progenitors. *Cold Spring Harb Symp Quant Biol*, 1999. 64: p. 1-12.

461. Terskikh, A., S. Lukyanov, Diatchenko, and I.L. Weissman, Hunting hematopoietic stem cell-specific genes using PCR-select cDNA subtraction *CLONETECHniques*, 1999(October): p. 1-4.
462. Weissman, I.L., Stem cells: units of development, units of regeneration, and units in evolution. *Cell*, 2000. 100(1): p. 157-68.
463. Domen, J., S.H. Cheshier, and I.L. Weissman, The role of apoptosis in the regulation of hematopoietic stem cells: Overexpression of Bcl-2 increases both their number and repopulation potential. *J Exp Med*, 2000. 191(2): p. 253-64.
464. Weissman, I.L. and N. Uchida, Hematopoietic stem cells: biological targets and therapeutic tools, in *Clinical Bone Marrow and Blood Stem Cell Transplantation*, K. Atkinson, Editor. 2000, Cambridge Press. p. 19-42.
465. Weissman, I.L., Translating stem and progenitor cell biology to the clinic: barriers and opportunities. *Science*, 2000. 287(5457): p. 1442-6.
466. Akashi, K., T. Reya, D. Dalma-Weiszhausz, and I.L. Weissman, Lymphoid precursors. *Curr Opin Immunol*, 2000. 12(2): p. 144-50.
467. Akashi, K., D. Traver, T. Miyamoto, and I.L. Weissman, A clonogenic common myeloid progenitor that gives rise to all myeloid lineages. *Nature*, 2000. 404(6774): p. 193-7.
468. Kim, S., K. Iizuka, H.L. Aguila, I.L. Weissman, and W.M. Yokoyama, In vivo natural killer cell activities revealed by natural killer cell-deficient mice. *Proc Natl Acad Sci U S A*, 2000. 97(6): p. 2731-6.
469. Nisitani, S., A.B. Satterthwaite, K. Akashi, I.L. Weissman, O.N. Witte, and M.I. Wahl, Posttranscriptional regulation of Bruton's tyrosine kinase expression in antigen receptor-stimulated splenic B cells. *Proc Natl Acad Sci U S A*, 2000. 97(6): p. 2737-42.
470. Akashi, K., L.I. Richie, T. Miyamoto, W.H. Carr, and I.L. Weissman, B lymphopoiesis in the thymus. *J Immunol*, 2000. 164(10): p. 5221-6.
471. Negrin, R.S., K. Atkinson, T. Leemhuis, E. Hanania, C. Juttner, K. Tierney, W.W. Hu, L.J. Johnston, J.A. Shizurn, K.E. Stockerl-Goldstein, K.G. Blume, I.L. Weissman, S. Bower, R. Baynes, R. Dansey, C. Karanes, W. Peters, and J. Klein, Transplantation of highly purified CD34+Thy-1+ hematopoietic stem cells in patients with metastatic breast cancer. *Biol Blood Marrow Transplant*, 2000. 6(3): p. 262-71.
472. Laird, D.J., A.W. De Tomaso, M.D. Cooper, and I.L. Weissman, 50 million years of chordate evolution: seeking the origins of adaptive immunity. *Proc Natl Acad Sci U S A*, 2000. 97(13): p. 6924-6.
473. Miyamoto, T., I.L. Weissman, and K. Akashi, AML1/ETO-expressing nonleukemic stem cells in acute myelogenous leukemia with 8;21 chromosomal translocation. *Proc Natl Acad Sci U S A*, 2000. 97(13): p. 7521-6.
474. Lauzon, R.J., B. Rinkevich, C.W. Patton, and I.L. Weissman, A morphological study of nonrandom senescence in a colonial urochordate. *Biol Bull*, 2000. 198(3): p. 367-78.

475. Klug, C.A., S. Cheshier, and I.L. Weissman, Inactivation of a GFP retrovirus occurs at multiple levels in long-term repopulating stem cells and their differentiated progeny. *Blood*, 2000. 96(3): p. 894-901.
476. Kondo, M., D.C. Scherer, T. Miyamoto, A.G. King, K. Akashi, K. Sugamura, and I.L. Weissman, Cell-fate conversion of lymphoid-committed progenitors by instructive actions of cytokines. *Nature*, 2000. 407(6802): p. 383-6.
477. Kina, T., K. Ikuta, E. Takayama, K. Wada, A.S. Majumdar, I.L. Weissman, and Y. Katsura, The monoclonal antibody TER-119 recognizes a molecule associated with glycophorin A and specifically marks the late stages of murine erythroid lineage. *Br J Haematol*, 2000. 109(2): p. 280-7.
478. Kondo, M. and I.L. Weissman, Function of cytokines in lymphocyte development. *Curr Top Microbiol Immunol*, 2000. 251: p. 59-65.
479. Lagasse, E., H. Connors, M. Al-Dhalimy, M. Reitsma, M. Dohse, L. Osborne, X. Wang, M. Finegold, I.L. Weissman, and M. Grompe, Purified hematopoietic stem cells can differentiate into hepatocytes in vivo. *Nat Med*, 2000. 6(11): p. 1229-34.
480. Terskikh, A., A. Fradkov, G. Ermakova, A. Zaraisky, P. Tan, A.V. Kajava, X. Zhao, S. Lukyanov, M. Matz, S. Kim, I. Weissman, and P. Siebert, "Fluorescent timer": protein that changes color with time. *Science*, 2000. 290(5496): p. 1585-8.
481. Uchida, N., D.W. Buck, D. He, M.J. Reitsma, M. Masek, T.V. Phan, A.S. Tsukamoto, F.H. Gage, and I.L. Weissman, Direct isolation of human central nervous system stem cells. *Proc Natl Acad Sci U S A*, 2000. 97(26): p. 14720-5.
482. Traver, D., K. Akashi, M. Manz, M. Merad, T. Miyamoto, E.G. Engleman, and I.L. Weissman, Development of CD8alpha-positive dendritic cells from a common myeloid progenitor. *Science*, 2000. 290(5499): p. 2152-4.
483. Shizuru, J.A., I.L. Weissman, R. Kernoff, M. Masek, and Y.C. Scheffold, Purified hematopoietic stem cell grafts induce tolerance to alloantigens and can mediate positive and negative T cell selection. *Proc Natl Acad Sci U S A*, 2000. 97(17): p. 9555-60.
484. Domen, J. and I.L. Weissman, Hematopoietic stem cells need two signals to prevent apoptosis; BCL-2 can provide one of these, Kitl/c-Kit signaling the other. *J Exp Med*, 2000. 192(12): p. 1707-18.
485. Wright, D.E. and I.L. Weissman, Formation and differentiation of leukocytes, in *Physiology of Inflammation*, K. Ley, Editor. 2001, Oxford Press. p. 11-51.
486. Geschwind, D.H., J. Ou, M.C. Easterday, J.D. Dougherty, R.L. Jackson, Z. Chen, H. Antoine, A. Terskikh, I.L. Weissman, S.F. Nelson, and H.I. Kornblum, A genetic analysis of neural progenitor differentiation. *Neuron*, 2001. 29(2): p. 325-39.
487. Kogan, S.C., D.E. Brown, D.B. Shultz, B.T. Truong, V. Lallemand-Breitenbach, M.C. Guillemin, E. Lagasse, I.L. Weissman, and J.M. Bishop, BCL-2 cooperates with promyelocytic leukemia retinoic acid receptor alpha chimeric protein (PMLRARalpha) to block neutrophil differentiation and initiate acute leukemia. *J Exp Med*, 2001. 193(4): p. 531-43.

488. Qian, F., D. Hanahan, and I.L. Weissman, L-selectin can facilitate metastasis to lymph nodes in a transgenic mouse model of carcinogenesis. *Proc Natl Acad Sci U S A*, 2001. 98(7): p. 3976-81.
489. Allsopp, R.C., S. Cheshier, and I.L. Weissman, Telomere shortening accompanies increased cell cycle activity during serial transplantation of hematopoietic stem cells. *J Exp Med*, 2001. 193(8): p. 917-24.
490. Akashi, K. and I.L. Weissman, Stem cells and hematolymphoid development, in *Hematopoiesis, A Developmental Approach*, L.I. Zon, Editor. 2001, Oxford Press. p. 15-34.
491. Anderson, D.J., F.H. Gage, and I.L. Weissman, Can stem cells cross lineage boundaries? *Nat Med*, 2001. 7(4): p. 393-5.
492. Wright, D.E., S.H. Cheshier, A.J. Wagers, T.D. Randall, J.L. Christensen, and I.L. Weissman, Cyclophosphamide/granulocyte colony-stimulating factor causes selective mobilization of bone marrow hematopoietic stem cells into the blood after M phase of the cell cycle. *Blood*, 2001. 97(8): p. 2278-85.
493. Park, I.K., C.A. Klug, K. Li, L. Jerabek, L. Li, M. Nanamori, R.R. Neubig, L. Hood, I.L. Weissman, and M.F. Clarke, Molecular cloning and characterization of a novel regulator of G-protein signaling from mouse hematopoietic stem cells. *J Biol Chem*, 2001. 276(2): p. 915-23.
494. Lagasse, E., J.A. Shizuru, N. Uchida, A. Tsukamoto, and I.L. Weissman, Toward regenerative medicine. *Immunity*, 2001. 14(4): p. 425-36.
495. Weissman, I.L. and D. Baltimore, Disappearing stem cells, disappearing science. *Science*, 2001. 292(5517): p. 601.
496. Manz, M.G., D. Traver, T. Miyamoto, I.L. Weissman, and K. Akashi, Dendritic cell potentials of early lymphoid and myeloid progenitors. *Blood*, 2001. 97(11): p. 3333-41.
497. Mebius, R.E., T. Miyamoto, J. Christensen, J. Domen, T. Cupedo, I.L. Weissman, and K. Akashi, The fetal liver counterpart of adult common lymphoid progenitors gives rise to all lymphoid lineages, CD45+CD4+CD3- cells, as well as macrophages. *J Immunol*, 2001. 166(11): p. 6593-601.
498. Terskikh, A.V., M.C. Easterday, L. Li, L. Hood, H.I. Kornblum, D.H. Geschwind, and I.L. Weissman, From hematopoiesis to neurogenesis: evidence of overlapping genetic programs. *Proc Natl Acad Sci U S A*, 2001. 98(14): p. 7934-9.
499. DiMartino, J.F., L. Sella, D. Traver, M.T. Firpo, J. Rhee, R. Warnke, S. O'Gorman, I.L. Weissman, and M.L. Cleary, The Hox cofactor and proto-oncogene Pbx1 is required for maintenance of definitive hematopoiesis in the fetal liver. *Blood*, 2001. 98(3): p. 618-26.
500. Traver, D., T. Miyamoto, J. Christensen, J. Iwasaki-Arai, K. Akashi, and I.L. Weissman, Fetal liver myelopoiesis occurs through distinct, prospectively isolatable progenitor subsets. *Blood*, 2001. 98(3): p. 627-35.
501. Yuan, Y., L. Zhou, T. Miyamoto, H. Iwasaki, N. Hara, C.J. Hetherington, S.A. Burel, E. Lagasse, I.L. Weissman, K. Akashi, and D.E. Zhang, AML1-ETO expression is directly involved

- in the development of acute myeloid leukemia in the presence of additional mutations. *Proc Natl Acad Sci U S A*, 2001. 98(18): p. 10398-403.
502. Kondo, M., D.C. Scherer, A.G. King, M.G. Manz, and I.L. Weissman, Lymphocyte development from hematopoietic stem cells. *Curr Opin Genet Dev*, 2001. 11(5): p. 520-6.
503. Brown, J.M., I.L. Weissman, and J.A. Shizuru, Immunity to infections following hematopoietic cell transplantation. *Curr Opin Immunol*, 2001. 13(4): p. 451-7.
504. Weissman, I.L., D.J. Anderson, and F. Gage, Stem and progenitor cells: origins, phenotypes, lineage commitments, and transdifferentiations. *Annu Rev Cell Dev Biol*, 2001. 17: p. 387-403.
505. Reya, T., S.J. Morrison, M.F. Clarke, and I.L. Weissman, Stem cells, cancer, and cancer stem cells. *Nature*, 2001. 414(6859): p. 105-11.
506. Wright, D.E., A.J. Wagers, A.P. Gulati, F.L. Johnson, and I.L. Weissman, Physiological migration of hematopoietic stem and progenitor cells. *Science*, 2001. 294(5548): p. 1933-6.
507. Christensen, J.L. and I.L. Weissman, Flk-2 is a marker in hematopoietic stem cell differentiation: a simple method to isolate long-term stem cells. *Proc Natl Acad Sci U S A*, 2001. 98(25): p. 14541-6.
508. Manz, M.G., D. Traver, K. Akashi, M. Merad, T. Miyamoto, E.G. Engleman, and I.L. Weissman, Dendritic cell development from common myeloid progenitors. *Ann N Y Acad Sci*, 2001. 938: p. 167-73; discussion 173-4.
509. Jerabek, L. and I.L. Weissman, Intrathymic injection for analysis of T cell progenitor activity, in *Hematopoietic Stem Cell Protocols*, C.A. Klug and C.T. Jordan, Editors. 2002, Humana Press. p. 161-5.
510. Park, I.K., Y. He, F. Lin, O.D. Laerum, Q. Tian, R. Bumgarner, C.A. Klug, K. Li, C. Kuhr, M.J. Doyle, T. Xie, M. Schummer, Y. Sun, A. Goldsmith, M.F. Clarke, I.L. Weissman, L. Hood, and L. Li, Differential gene expression profiling of adult murine hematopoietic stem cells. *Blood*, 2002. 99(2): p. 488-98.
511. Morrison, S.J., D. Qian, L. Jerabek, B.A. Thiel, I.K. Park, P.S. Ford, M.J. Kiel, N.J. Schork, I.L. Weissman, and M.F. Clarke, A genetic determinant that specifically regulates the frequency of hematopoietic stem cells. *J Immunol*, 2002. 168(2): p. 635-42.
512. King, A.G., M. Kondo, D.C. Scherer, and I.L. Weissman, Lineage infidelity in myeloid cells with TCR gene rearrangement: a latent developmental potential of proT cells revealed by ectopic cytokine receptor signaling. *Proc Natl Acad Sci U S A*, 2002. 99(7): p. 4508-13.
513. Weissman, I.L., A.L. Beaudet, P.K. Donohoe, D.J. Gallas, B.L.M. Mogan, R.B. Jaffe, E.R.B. McCabe, A. McClaren, G.M. Rubin, M. Siegler, and J.G. Hall, *Scientific and medical aspects of human reproductive cloning*. 2002: National Academies Press. 296.
514. Weissman, I.L., Stem cells--scientific, medical, and political issues. *N Engl J Med*, 2002. 346(20): p. 1576-9.

515. Wright, D.E., E.P. Bowman, A.J. Wagers, E.C. Butcher, and I.L. Weissman, Hematopoietic stem cells are uniquely selective in their migratory response to chemokines. *J Exp Med*, 2002. 195(9): p. 1145-54.
516. Wagers, A.J., R.C. Allsopp, and I.L. Weissman, Changes in integrin expression are associated with altered homing properties of Lin(-/lo)Thy1.1(lo)Sca-1(+)-kit(+) hematopoietic stem cells following mobilization by cyclophosphamide/granulocyte colony-stimulating factor. *Exp Hematol*, 2002. 30(2): p. 176-85.
517. Allsopp, R.C. and I.L. Weissman, Replicative senescence of hematopoietic stem cells during serial transplantation: does telomere shortening play a role? *Oncogene*, 2002. 21(21): p. 3270-3.
518. Wagers, A.J., J.L. Christensen, and I.L. Weissman, Cell fate determination from stem cells. *Gene Ther*, 2002. 9(10): p. 606-12.
519. Na Nakorn, T., D. Traver, I.L. Weissman, and K. Akashi, Myeloerythroid-restricted progenitors are sufficient to confer radioprotection and provide the majority of day 8 CFU-S. *J Clin Invest*, 2002. 109(12): p. 1579-85.
520. Weissman, I.L., The road ended up at stem cells. *Immunol Rev*, 2002. 185: p. 159-74.
521. Manz, M.G., T. Miyamoto, K. Akashi, and I.L. Weissman, Prospective isolation of human clonogenic common myeloid progenitors. *Proc Natl Acad Sci U S A*, 2002. 99(18): p. 11872-7.
522. Wagers, A.J., R.I. Sherwood, J.L. Christensen, and I.L. Weissman, Little evidence for developmental plasticity of adult hematopoietic stem cells. *Science*, 2002. 297(5590): p. 2256-9.
523. Miyamoto, T., H. Iwasaki, B. Reizis, M. Ye, T. Graf, I.L. Weissman, and K. Akashi, Myeloid or lymphoid promiscuity as a critical step in hematopoietic lineage commitment. *Dev Cell*, 2002. 3(1): p. 137-47.
524. Lauzon, R.J., K.J. Ishizuka, and I.L. Weissman, Cyclical generation and degeneration of organs in a colonial urochordate involves crosstalk between old and new: a model for development and regeneration. *Dev Biol*, 2002. 249(2): p. 333-48.
525. Merad, M., M.G. Manz, H. Karsunky, A. Wagers, W. Peters, I. Charo, I.L. Weissman, J.G. Cyster, and E.G. Engleman, Langerhans cells renew in the skin throughout life under steady-state conditions. *Nat Immunol*, 2002. 3(12): p. 1135-41.
526. Minagawa, M., H. Watanabe, C. Miyaji, K. Tomiyama, H. Shimura, A. Ito, M. Ito, J. Domen, I.L. Weissman, and K. Kawai, Enforced expression of Bcl-2 restores the number of NK cells, but does not rescue the impaired development of NKT cells or intraepithelial lymphocytes, in IL-2/IL-15 receptor beta-chain-deficient mice. *J Immunol*, 2002. 169(8): p. 4153-60.
527. Allsopp, R.C., S. Cheshier, and I.L. Weissman, Telomerase activation and rejuvenation of telomere length in stimulated T cells derived from serially transplanted hematopoietic stem cells. *J Exp Med*, 2002. 196(11): p. 1427-33.
528. Prohaska, S.S., D.C. Scherer, I.L. Weissman, and M. Kondo, Developmental plasticity of lymphoid progenitors. *Semin Immunol*, 2002. 14(6): p. 377-84.

529. BitMansour, A., S.M. Burns, D. Traver, K. Akashi, C.H. Contag, I.L. Weissman, and J.M. Brown, Myeloid progenitors protect against invasive aspergillosis and *Pseudomonas aeruginosa* infection following hematopoietic stem cell transplantation. *Blood*, 2002. 100(13): p. 4660-7.
530. Stoner, D.S., R. Ben-Shlomo, B. Rinkevich, and I.L. Weissman, Genetic variability of *Botryllus schlosseri* invasions to the east and west coasts of the USA. *Marine Ecology Progress Series*, 2002: p. 93-100.
531. Tamaki, S., K. Eckert, D. He, R. Sutton, M. Doshe, G. Jain, R. Tushinski, M. Reitsma, B. Harris, A. Tsukamoto, F. Gage, I. Weissman, and N. Uchida, Engraftment of sorted/expanded human central nervous system stem cells from fetal brain. *J Neurosci Res*, 2002. 69(6): p. 976-86.
532. Wagers, A.J., R.I. Sherwood, J.L. Christensen, and I.L. Weissman, Something in the eye of the beholder: Response. *Science (Washington D C)*, 2002. 298(5592): p. 362-363.
533. Weissman, I.L., Dr Weissman replies. *New England Journal of Medicine*, 2002. 347(20): p. 1621.
534. Beilhack, G.F., Y.C. Scheffold, I.L. Weissman, C. Taylor, L. Jerabek, M.J. Burge, M.A. Masek, and J.A. Shizuru, Purified allogeneic hematopoietic stem cell transplantation blocks diabetes pathogenesis in NOD mice. *Diabetes*, 2003. 52(1): p. 59-68.
535. Nakorn, T.N., T. Miyamoto, and I.L. Weissman, Characterization of mouse clonogenic megakaryocyte progenitors. *Proc Natl Acad Sci U S A*, 2003. 100(1): p. 205-10.
536. So, C.W., H. Karsunky, E. Passegue, A. Cozzio, I.L. Weissman, and M.L. Cleary, MLL-GAS7 transforms multipotent hematopoietic progenitors and induces mixed lineage leukemias in mice. *Cancer Cell*, 2003. 3(2): p. 161-71.
537. Terskikh, A.V., T. Miyamoto, C. Chang, L. Diatchenko, and I.L. Weissman, Gene expression analysis of purified hematopoietic stem cells and committed progenitors. *Blood*, 2003. 102(1): p. 94-101.
538. Kondo, M., A.J. Wagers, M.G. Manz, S.S. Prohaska, D.C. Scherer, G.F. Beilhack, J.A. Shizuru, and I.L. Weissman, Biology of hematopoietic stem cells and progenitors: implications for clinical application. *Annu Rev Immunol*, 2003. 21: p. 759-806.
539. Allsopp, R.C., G.B. Morin, R. DePinho, C.B. Harley, and I.L. Weissman, Telomerase is required to slow telomere shortening and extend replicative lifespan of HSCs during serial transplantation. *Blood*, 2003. 102(2): p. 517-20.
540. Reya, T., A.W. Duncan, L. Ailles, J. Domen, D.C. Scherer, K. Willert, L. Hintz, R. Nusse, and I.L. Weissman, A role for Wnt signalling in self-renewal of haematopoietic stem cells. *Nature*, 2003. 423(6938): p. 409-14.
541. Willert, K., J.D. Brown, E. Danenberg, A.W. Duncan, I.L. Weissman, T. Reya, J.R. Yates, 3rd, and R. Nusse, Wnt proteins are lipid-modified and can act as stem cell growth factors. *Nature*, 2003. 423(6938): p. 448-52.
542. Allsopp, R.C., G.B. Morin, J.W. Horner, R. DePinho, C.B. Harley, and I.L. Weissman, Effect of TERT over-expression on the long-term transplantation capacity of hematopoietic stem cells. *Nat Med*, 2003. 9(4): p. 369-71.

543. Park, I.K., D. Qian, M. Kiel, M.W. Becker, M. Pihalja, I.L. Weissman, S.J. Morrison, and M.F. Clarke, Bmi-1 is required for maintenance of adult self-renewing haematopoietic stem cells. *Nature*, 2003. 423(6937): p. 302-5.
544. Arber, C., A. BitMansour, T.E. Sparer, J.P. Higgins, E.S. Mocarski, I.L. Weissman, J.A. Shizuru, and J.M. Brown, Common lymphoid progenitors rapidly engraft and protect against lethal murine cytomegalovirus infection after hematopoietic stem cell transplantation. *Blood*, 2003. 102(2): p. 421-8.
545. Domen, J. and I.L. Weissman, Hematopoietic stem cells and other hematopoietic cells show broad resistance to chemotherapeutic agents in vivo when overexpressing bcl-2. *Exp Hematol*, 2003. 31(7): p. 631-9.
546. Jaiswal, S., D. Traver, T. Miyamoto, K. Akashi, E. Lagasse, and I.L. Weissman, Expression of BCR/ABL and BCL-2 in myeloid progenitors leads to myeloid leukemias. *Proc Natl Acad Sci U S A*, 2003. 100(17): p. 10002-7.
547. Passegue, E., C.H. Jamieson, L.E. Ailles, and I.L. Weissman, Normal and leukemic hematopoiesis: are leukemias a stem cell disorder or a reacquisition of stem cell characteristics? *Proc Natl Acad Sci U S A*, 2003. 100 Suppl 1: p. 11842-9.
548. Iwata, A., V.M. Stevenson, A. Minard, M. Tasch, J. Tupper, E. Lagasse, I. Weissman, J.M. Harlan, and R.K. Winn, Over-expression of Bcl-2 provides protection in septic mice by a trans effect. *J Immunol*, 2003. 171(6): p. 3136-41.
549. Evers, B.M., I.L. Weissman, A.W. Flake, V. Tabar, and R.D. Weisel, Stem cells in clinical practice. *J Am Coll Surg*, 2003. 197(3): p. 458-78.
550. Cozzio, A., E. Passegue, P.M. Ayton, H. Karsunky, M.L. Cleary, and I.L. Weissman, Similar MLL-associated leukemias arising from self-renewing stem cells and short-lived myeloid progenitors. *Genes Dev*, 2003. 17(24): p. 3029-35.
551. Chadwick-Furman, N.E. and I.L. Weissman, Effects of allogeneic contact on life-history traits of the colonial ascidian *Botryllus schlosseri* in Monterey Bay. *Biol Bull*, 2003. 205(2): p. 133-43.
552. De Tomaso, A.W. and I.L. Weissman, Initial characterization of a protochordate histocompatibility locus. *Immunogenetics*, 2003. 55(7): p. 480-90.
553. Karsunky, H., M. Merad, A. Cozzio, I.L. Weissman, and M.G. Manz, Flt3 ligand regulates dendritic cell development from Flt3+ lymphoid and myeloid-committed progenitors to Flt3+ dendritic cells in vivo. *J Exp Med*, 2003. 198(2): p. 305-13.
554. Chatterjea-Matthes, D., M.E. Garcia-Ojeda, S. Dejbakhsh-Jones, L. Jerabek, M.G. Manz, I.L. Weissman, and S. Strober, Early defect prethymic in bone marrow T cell progenitors in athymic nu/nu mice. *J Immunol*, 2003. 171(3): p. 1207-15.
555. Easterday, M.C., J.D. Dougherty, R.L. Jackson, J. Ou, I. Nakano, A.A. Paucar, B. Roobini, M. Dianati, D.K. Irvin, I.L. Weissman, A.V. Terskikh, D.H. Geschwind, and H.I. Kornblum, Neural progenitor genes. Germinal zone expression and analysis of genetic overlap in stem cell populations. *Dev Biol*, 2003. 264(2): p. 309-22.

556. De Tomaso, A.W. and I.L. Weissman, Construction and characterization of large-insert genomic libraries (BAC and fosmid) from the Ascidian *Botryllus schlosseri* and initial physical mapping of a histocompatibility locus. *Mar Biotechnol (NY)*, 2003. 5(2): p. 103-15.
557. Bartl, S., M. Baish, I.L. Weissman, and M. Diaz, Did the molecules of adaptive immunity evolve from the innate immune system? 2003.
558. Cao, Y.A., A.J. Wagers, A. Beilhack, J. Dusich, M.H. Bachmann, R.S. Negrin, I.L. Weissman, and C.H. Contag, Shifting foci of hematopoiesis during reconstitution from single stem cells. *Proc Natl Acad Sci U S A*, 2004. 101(1): p. 221-6.
559. Laird, D.J. and I.L. Weissman, Continuous development precludes radioprotection in a colonial ascidian. *Dev Comp Immunol*, 2004. 28(3): p. 201-9.
560. De Tomaso, A.W. and I.L. Weissman, Evolution of a protochordate allorecognition locus. *Science*, 2004. 303(5660): p. 977.
561. Christensen, J.L., D.E. Wright, A.J. Wagers, and I.L. Weissman, Circulation and chemotaxis of fetal hematopoietic stem cells. *PLoS Biol*, 2004. 2(3): p. E75.
562. Wagers, A.J. and I.L. Weissman, Plasticity of adult stem cells. *Cell*, 2004. 116(5): p. 639-48.
563. Balsam, L.B., A.J. Wagers, J.L. Christensen, T. Kofidis, I.L. Weissman, and R.C. Robbins, Haematopoietic stem cells adopt mature haematopoietic fates in ischaemic myocardium. *Nature*, 2004. 428(6983): p. 668-73.
564. Al-Hajj, M., M.W. Becker, M. Wicha, I. Weissman, and M.F. Clarke, Therapeutic implications of cancer stem cells. *Curr Opin Genet Dev*, 2004. 14(1): p. 43-7.
565. So, C.W., H. Karsunky, P. Wong, I.L. Weissman, and M.L. Cleary, Leukemic transformation of hematopoietic progenitors by MLL-GAS7 in the absence of *Hoxa7* or *Hoxa9*. *Blood*, 2004. 103(8): p. 3192-9.
566. Merad, M., P. Hoffmann, E. Ranheim, S. Slaymaker, M.G. Manz, S.A. Lira, I. Charo, D.N. Cook, I.L. Weissman, S. Strober, and E.G. Engleman, Depletion of host Langerhans cells before transplantation of donor alloreactive T cells prevents skin graft-versus-host disease. *Nat Med*, 2004. 10(5): p. 510-7.
567. Manz, M.G., K. Akashi, and I.L. Weissman, Biology of hematopoietic stem and progenitor cells, in *Thomas' Hematopoietic Cell Transplantation*, K. Blume and F. Applebaum, Editors. 2004, Blackwell Publishing. p. 69-95.
568. Clarke, M.F. and I.L. Weissman, Stem cells, cell differentiation and cancer, in *Clinical Oncology*, M.D. Abeloff, et al., Editors. 2004, Elsevier, Inc.
569. Baiker, A., K. Fabel, A. Cozzio, L. Zerboni, K. Fabel, M. Sommer, N. Uchida, D. He, I. Weissman, and A.M. Arvin, Varicella-zoster virus infection of human neural cells in vivo. *Proc Natl Acad Sci U S A*, 2004. 101(29): p. 10792-7.
570. Kelly, S., T.M. Bliss, A.K. Shah, G.H. Sun, M. Ma, W.C. Foo, J. Masel, M.A. Yenari, I.L. Weissman, N. Uchida, T. Palmer, and G.K. Steinberg, Transplanted human fetal neural stem cells

- survive, migrate, and differentiate in ischemic rat cerebral cortex. *Proc Natl Acad Sci U S A*, 2004. 101(32): p. 11839-44.
571. Jamieson, C.H., L.E. Ailles, S.J. Dylla, M. Muijtjens, C. Jones, J.L. Zehnder, J. Gotlib, K. Li, M.G. Manz, A. Keating, C.L. Sawyers, and I.L. Weissman, Granulocyte-macrophage progenitors as candidate leukemic stem cells in blast-crisis CML. *N Engl J Med*, 2004. 351(7): p. 657-67.
572. Brown, J.M. and I.L. Weissman, Progress and prospects in hematopoietic stem cell expansion and transplantation. *Exp Hematol*, 2004. 32(8): p. 693-5.
573. Laird, D.J. and I.L. Weissman, Telomerase maintained in self-renewing tissues during serial regeneration of the urochordate *Botryllus schlosseri*. *Dev Biol*, 2004. 273(2): p. 185-94.
574. Jamieson, C.H.M., E. Passegue, and I.L. Weissman, Leukemia and leukemic stem cells, in *Stem Cells in the Nervous System: Functional and clinical implications*, F. Gage, Editor. 2004, Springer-Verlag.
575. Passegue, E., E.F. Wagner, and I.L. Weissman, JunB deficiency leads to a myeloproliferative disorder arising from hematopoietic stem cells. *Cell*, 2004. 119(3): p. 431-43.
576. Sherwood, R.I., J.L. Christensen, I.L. Weissman, and A.J. Wagers, Determinants of skeletal muscle contributions from circulating cells, bone marrow cells, and hematopoietic stem cells. *Stem Cells*, 2004. 22(7): p. 1292-304.
577. Jamieson, C.H., I.L. Weissman, and E. Passegue, Chronic versus acute myelogenous leukemia: a question of self-renewal. *Cancer Cell*, 2004. 6(6): p. 531-3.
578. Kofidis, T., J.L. de Bruin, T. Yamane, L.B. Balsam, D.R. Lebl, R.J. Swijnenburg, M. Tanaka, I.L. Weissman, and R.C. Robbins, Insulin-like growth factor promotes engraftment, differentiation, and functional improvement after transfer of embryonic stem cells for myocardial restoration. *Stem Cells*, 2004. 22(7): p. 1239-45.
579. Sherwood, R.I., J.L. Christensen, I.M. Conboy, M.J. Conboy, T.A. Rando, I.L. Weissman, and A.J. Wagers, Isolation of adult mouse myogenic progenitors: functional heterogeneity of cells within and engrafting skeletal muscle. *Cell*, 2004. 119(4): p. 543-54.
580. Ranheim, E.A., K.V. Tarbell, M. Krosgaard, V. Mallet-Designé, L. Teyton, H.O. McDevitt, and I.L. Weissman, Selection of aberrant class II restricted CD8+ T cells in NOD mice expressing a glutamic acid decarboxylase (GAD)65-specific T cell receptor transgene. *Autoimmunity*, 2004. 37(8): p. 555-67.
581. Yung, Y.C., S. Cheshier, J.G. Santarelli, Z. Huang, A. Wagers, I. Weissman, and V. Tse, Incorporation of naive bone marrow derived cells into the vascular architecture of brain tumor. *Microcirculation*, 2004. 11(8): p. 699-708.
582. Shizuru, J.A., R.S. Negrin, and I.L. Weissman, Hematopoietic stem and progenitor cells: clinical and preclinical regeneration of the hematolymphoid system. *Annu Rev Med*, 2005. 56: p. 509-38.
583. Karsunky, H., M. Merad, I. Mende, M.G. Manz, E.G. Engleman, and I.L. Weissman, Developmental origin of interferon-alpha-producing dendritic cells from hematopoietic precursors. *Exp Hematol*, 2005. 33(2): p. 173-81.

584. Conboy, I.M., M.J. Conboy, A.J. Wagers, E.R. Girma, I.L. Weissman, and T.A. Rando, Rejuvenation of aged progenitor cells by exposure to a young systemic environment. *Nature*, 2005. 433(7027): p. 760-4.
585. Chen, C.C., M.A. Grimbaldston, M. Tsai, I.L. Weissman, and S.J. Galli, Identification of mast cell progenitors in adult mice. *Proc Natl Acad Sci U S A*, 2005. 102(32): p. 11408-13.
586. Rossi, D.J., D. Bryder, J.M. Zahn, H. Ahlenius, R. Sonu, A.J. Wagers, and I.L. Weissman, Cell intrinsic alterations underlie hematopoietic stem cell aging. *Proc Natl Acad Sci U S A*, 2005. 102(26): p. 9194-9.
587. Kofidis, T., J.L. de Bruin, T. Yamane, M. Tanaka, D.R. Lebl, R.J. Swijnenburg, I.L. Weissman, and R.C. Robbins, Stimulation of paracrine pathways with growth factors enhances embryonic stem cell engraftment and host-specific differentiation in the heart after ischemic myocardial injury. *Circulation*, 2005. 111(19): p. 2486-93.
588. Massengale, M., A.J. Wagers, H. Vogel, and I.L. Weissman, Hematopoietic cells maintain hematopoietic fates upon entering the brain. *J Exp Med*, 2005. 201(10): p. 1579-89.
589. Yamane, T., S.J. Dylla, M. Muijtjens, and I.L. Weissman, Enforced Bcl-2 expression overrides serum and feeder cell requirements for mouse embryonic stem cell self-renewal. *Proc Natl Acad Sci U S A*, 2005. 102(9): p. 3312-7.
590. Ranheim, E.A., H.C. Kwan, T. Reya, Y.K. Wang, I.L. Weissman, and U. Francke, Frizzled 9 knock-out mice have abnormal B-cell development. *Blood*, 2005. 105(6): p. 2487-94.
591. Butcher, E.C., R.V. Rouse, R.L. Coffman, C.N. Nottenburg, R.R. Hardy, and I.L. Weissman, Surface phenotype of Peyer's patch germinal center cells: implications for the role of germinal centers in B cell differentiation. 1982. *J Immunol*, 2005. 175(3): p. 1363-72.
592. Surdez, D., B. Kunz, A.J. Wagers, I.L. Weissman, and A.V. Terskikh, Simple and Efficient Isolation of Hematopoietic Stem Cells from H2K-zFP Transgenic Mice. *Stem Cells*, 2005. 23(10): p. 1617-25.
593. Lawrence, H.J., J. Christensen, S. Fong, Y.L. Hu, I. Weissman, G. Sauvageau, R.K. Humphries, and C. Largman, Loss of expression of the Hoxa-9 homeobox gene impairs the proliferation and repopulating ability of hematopoietic stem cells. *Blood*, 2005. 106(12): p. 3988-94.
594. Forsberg, E.C., S.S. Prohaska, S. Katzman, G.C. Heffner, J.M. Stuart, and I.L. Weissman, Differential Expression of Novel Potential Regulators in Hematopoietic Stem Cells. *PLoS Genet*, 2005. 1(3): p. e28.
595. Wagers, A.J. and I.L. Weissman, Differential expression of  $\alpha 2$  integrin separates long-term and short-term reconstituting Lin-/loThy1.1loc-kit+Sca-1+ hematopoietic stem cells. *Stem Cells*, 2005.
596. Weissman, I., Stem cell research: paths to cancer therapies and regenerative medicine. *Jama*, 2005. 294(11): p. 1359-66.
597. Weissman, I.L., Normal and neoplastic stem cells. *Novartis Found Symp*, 2005. 265: p. 35-50; discussion 50-4, 92-7.

598. De Tomaso, A.W., S.V. Nyholm, K.J. Palmeri, K.J. Ishizuka, W.B. Ludington, K. Mitchel, and I.L. Weissman, Isolation and characterization of a protochordate histocompatibility locus. *Nature*, 2005. 438(7067): p. 454-9.
599. Garcia-Ojeda, M.E., S. Dejbakhsh-Jones, D. Chatterjea-Matthes, A. Mukhopadhyay, A. BitMansour, I.L. Weissman, J.M. Brown, and S. Strober, Stepwise development of committed progenitors in the bone marrow that generate functional T cells in the absence of the thymus. *J Immunol*, 2005. 175(7): p. 4363-73.
600. Huhn, S.L., Y. Yung, S. Cheshier, G. Harsh, L. Ailles, I. Weissman, H. Vogel, and V. Tse, Identification of phenotypic neural stem cells in a pediatric astroblastoma. *J Neurosurg*, 2005. 103(5 Suppl): p. 446-50.
601. Kofidis, T., J.L. deBruin, M. Tanaka, M. Zwierzchoniewska, I. Weissman, E. Fedoseyeva, A. Haverich, and R.C. Robbins, They are not stealthy in the heart: embryonic stem cells trigger cell infiltration, humoral and T-lymphocyte-based host immune response. *Eur J Cardiothorac Surg*, 2005. 28(3): p. 461-6.
602. Laird, D.J., W.T. Chang, I.L. Weissman, and R.J. Lauzon, Identification of a novel gene involved in asexual organogenesis in the budding ascidian *Botryllus schlosseri*. *Dev Dyn*, 2005. 234(4): p. 997-1005.
603. Laird, D.J., A.W. De Tomaso, and I.L. Weissman, Stem cells are units of natural selection in a colonial ascidian. *Cell*, 2005. 123(7): p. 1351-60.
604. Passegue, E., A.J. Wagers, S. Giuriato, W.C. Anderson, and I.L. Weissman, Global analysis of proliferation and cell cycle gene expression in the regulation of hematopoietic stem and progenitor cell fates. *J Exp Med*, 2005. 202(11): p. 1599-611.
605. Udani, V.M., J.G. Santarelli, Y.C. Yung, A.J. Wagers, S.H. Cheshier, I.L. Weissman, and V. Tse, Hematopoietic Stem Cells Give Rise to Perivascular Endothelial-like Cells During Brain Tumor Angiogenesis. *Stem Cells Dev*, 2005. 14(5): p. 478-86.
606. Sanchez, M., I.L. Weissman, M. Pallavicini, M. Valeri, P. Guglielmelli, A.M. Vannucchi, G. Migliaccio, and A.R. Migliaccio, Differential amplification of murine bipotent megakaryocytic/erythroid progenitor and precursor cells during recovery from acute and chronic erythroid stress. *Stem Cells*, 2006. 24(2): p. 337-48.
607. Weissman, I.L., Medicine: politic stem cells. *Nature*, 2006. 439(7073): p. 145-7.
608. Bhattacharya, D., D.J. Rossi, D. Bryder, and I.L. Weissman, Purified hematopoietic stem cell engraftment of rare niches corrects severe lymphoid deficiencies without host conditioning. *J Exp Med*, 2006. 203(1): p. 73-85.
609. Cao, F., S. Lin, X. Xie, P. Ray, M. Patel, X. Zhang, M. Drukker, S.J. Dylla, A.J. Connolly, X. Chen, I.L. Weissman, S.S. Gambhir, and J.C. Wu, In vivo visualization of embryonic stem cell survival, proliferation, and migration after cardiac delivery. *Circulation*, 2006. 113(7): p. 1005-14.
610. Hsu, C.L., A.G. King-Fleischman, A.Y. Lai, Y. Matsumoto, I.L. Weissman, and M. Kondo, Antagonistic effect of CCAAT enhancer-binding protein-alpha and Pax5 in myeloid or lymphoid

- lineage choice in common lymphoid progenitors. *Proc Natl Acad Sci U S A*, 2006. 103(3): p. 672-7.
611. Mende, I., H. Karsunky, I.L. Weissman, E.G. Engleman, and M. Merad, Flk2+ myeloid progenitors are the main source of Langerhans cells. *Blood*, 2006. 107(4): p. 1383-90.
612. Luckey CJ, Bhattacharya D, Goldrath AW, Weissman IL, Benoist C, Mathis D. Memory T and memory B cells share a transcriptional program of self-renewal with long-term hematopoietic stem cells. *PNAS*. 2006 Feb 28;103(9):3304-3309.
613. Jamieson CH, Gotlib J, Durocher JA, Chao MP, Mariappan MR, Lay M, Jones C, Zehnder JL, Lilleberg SL, Weissman IL. The JAK2 V617F mutation occurs in hematopoietic stem cells in polycythemia vera and predisposes toward erythroid differentiation. *PNAS*. 2006 Apr 18; 103(16):6224-6229.
614. Forsberg, EC, D Bhattacharya, and IL Weissman, Hematopoietic stem cells: expression profiling and beyond. *Stem Cell Rev*, 2006. 2(1): p. 23-30.
615. Rossi DJ, Weissman IL. Pten, tumorigenesis, and stem cell self-renewal. *Cell*. 2006 Apr 21;125(2):229-31.
616. Bhattacharya D, Bryder D, Rossi DJ, Weissman IL. Rapid lymphocyte reconstitution of unconditioned immunodeficient mice with non-self-renewing multipotent hematopoietic progenitors. *Cell Cycle*. 2006 Jun;5(11):1135-1139.
617. Nyholm SV, Passegue E, Ludington WB, Voskoboynik A, Mitchel K. Weissman IL, DeTomaso AW. fester, A candidate allorecognition receptor from a primitive chordate. *Immunity*. 2006 Jul;25(1):163-73.
618. Forsberg EC, Serwold T, Kogan S, Weissman IL, Passegue E. New evidence supporting megakaryocyte-erythrocyte potential of flk2/flt3+ multipotent hematopoietic progenitors. *Cell*. 2006 Jul 28; 126(2):415-26.
619. Bryder D, Rossi DJ, Weissman IL. Hematopoietic stem cells: the paradigmatic tissue-specific stem cell. *Am J Pathol*. 2006 Aug; 169(2):338-46.
620. Santarelli, JG, V Udani, YC Yung, S Cheshier, A Wagers, RA Brekken, I Weissman, and V Tse, Incorporation of bone marrow-derived Flk-1-expressing CD34+ cells in the endothelium of tumor vessels in the mouse brain. *Neurosurgery*, 2006. 59(2): p. 374-82; discussion 374-82.
621. Clarke, MF, JE Dick, PB Dirks, CJ Eaves, CH Jamieson, DL Jones, J Visvader, IL Weissman, and GM Wahl, Cancer Stem Cells--Perspectives on Current Status and Future Directions: AACR Workshop on Cancer Stem Cells. *Cancer Res*, 2006. 66(19): p. 9339-44.
622. Ueno, H and IL Weissman, Clonal analysis of mouse development reveals a polyclonal origin for yolk sac blood islands. *Dev Cell*, 2006. 11(4): p. 519-33.
623. Tan, BT, CY Park, LE Ailles, and IL Weissman, The cancer stem cell hypothesis: a work in progress. *Lab Invest*, 2006. 86(12): p. 1203-7.

624. Warren, L, D Bryder, IL Weissman, and SR Quake, Transcription factor profiling in individual hematopoietic progenitors by digital RT-PCR. *Proc Natl Acad Sci U S A*, 2006. 103(47): p. 17807-12.
625. Prince, ME, R Sivanandan, A Kaczorowski, GT Wolf, MJ Kaplan, P Dalerba, IL Weissman, MF Clarke, and LE Ailles, Identification of a subpopulation of cells with cancer stem cell properties in head and neck squamous cell carcinoma. *Proc Natl Acad Sci U S A*, 2007. 104(3): p. 973-8.
626. Serafini, M., S.J. Dylla, M. Oki, Y. Heremans, J. Tolar, Y. Jiang, S.M. Buckley, B. Pelacho, T.C. Burns, S. Frommer, D.J. Rossi, D. Bryder, A. Panoskaltis-Mortari, M.J. O'Shaughnessy, M. Nelson-Holte, G.C. Fine, I.L. Weissman, B.R. Blazar, and C.M. Verfaillie, Hematopoietic reconstitution by multipotent adult progenitor cells: precursors to long-term hematopoietic stem cells. *J Exp Med*, 2007. 204(1): p. 129-39.
627. Sanyal, M., J.W. Tung, H. Karsunky, H. Zeng, L. Sella, I.L. Weissman, L.A. Herzenberg, and M.L. Cleary, B cell development fails in the absence of the Pbx1 proto-oncogene. *Blood*, 2007.
628. Rossi, D.J., D. Bryder, and I.L. Weissman, Hematopoietic stem cell aging: Mechanism and consequence. *Exp Gerontol*, 2007.
629. Daley, G.Q., L. Ahrlund Richter, J.M. Auerbach, N. Benvenisty, R.A. Charo, G. Chen, H.K. Deng, L.S. Goldstein, K.L. Hudson, I. Hyun, S.C. Junn, J. Love, E.H. Lee, A. McLaren, C.L. Mummery, N. Nakatsuji, C. Racowsky, H. Rooke, J. Rossant, H.R. Scholer, J.H. Solbakk, P. Taylor, A.O. Trounson, I.L. Weissman, I. Wilmut, J. Yu, and L. Zoloth, Ethics. The ISSCR guidelines for human embryonic stem cell research. *Science*, 2007. 315(5812): p. 603-4.
630. Voskoboynik, A., N. Simon-Blecher, Y. Soen, B. Rinkevich, A.W. De Tomaso, K.J. Ishizuka, and I.L. Weissman, Striving for normality: whole body regeneration through a series of abnormal generations. *Faseb J*, 2007.
631. Cao, F., M. Drukker, S. Lin, A.Y. Sheikh, X. Xie, Z. Li, A.J. Connolly, I.L. Weissman, and J.C. Wu, Molecular imaging of embryonic stem cell misbehavior and suicide gene ablation. *Cloning Stem Cells*, 2007. 9(1): p. 107-17.
632. Hosen, N., T. Yamane, M. Muijtjens, K. Pham, M.F. Clarke, and I.L. Weissman, Bmi-1-green fluorescent protein (GFP)-knock-in mice reveal the dynamic regulation of Bmi-1 expression in normal and leukemic hematopoietic cells. *Stem Cells*, 2007.
633. Smith-Berdan, S., D. Gille, I.L. Weissman, and J.L. Christensen, Reversal of autoimmune disease in lupus-prone NZB/NZW mice by nonmyeloablative transplantation of purified allogeneic hematopoietic stem cells. *Blood*, 2007.
634. Ueno, H. and I.L. Weissman, Stem cells: blood lines from embryo to adult. *Nature*, 2007. 446(7139): p. 996-7.
635. Hosen, N., T. Shirakata, S. Nishida, M. Yanagihara, A. Tsuboi, M. Kawakami, Y. Oji, Y. Oka, M. Okabe, B. Tan, H. Sugiyama, and I.L. Weissman, The Wilms' tumor gene WT1-GFP knock-in mouse reveals the dynamic regulation of WT1 expression in normal and leukemic hematopoiesis. *Leukemia*, 2007.

636. Rossi, D.J., D. Bryder, J. Seita, A. Nussenzweig, J. Hoeijmakers, and I.L. Weissman, Deficiencies in DNA damage repair limit the function of haematopoietic stem cells with age. *Nature*, 2007. 447(7145): p. 725-9.
637. Hosen, N., C.Y. Park, N. Tatsumi, Y. Oji, H. Sugiyama, M. Gramatzki, A.M. Krensky, and I.L. Weissman, CD96 is a leukemic stem cell-specific marker in human acute myeloid leukemia. *Proc Natl Acad Sci U S A*, 2007. 104(26): p. 11008-13.
638. Serwold, T., K. Hochedlinger, M.A. Inlay, R. Jaenisch, and I.L. Weissman, Early TCR Expression and Aberrant T Cell Development in Mice with Endogenous Prerearranged T Cell Receptor Genes. *J Immunol*, 2007. 179(2): p. 928-38.
639. Xu, J., S.D. Pope, A.R. Jazirehi, J.L. Attema, P. Papathanasiou, J.A. Watts, K.S. Zaret, I.L. Weissman, and S.T. Smale, Pioneer factor interactions and unmethylated CpG dinucleotides mark silent tissue-specific enhancers in embryonic stem cells. *Proc Natl Acad Sci U S A*, 2007. 104(30): p. 12377-82.
640. Attema, J.L., P. Papathanasiou, E.C. Forsberg, J. Xu, S.T. Smale, and I.L. Weissman, Epigenetic characterization of hematopoietic stem cell differentiation using miniChIP and bisulfite sequencing analysis. *Proc Natl Acad Sci U S A*, 2007. 104(30): p. 12371-6.
641. Rossi, D.J., J. Seita, A. Czechowicz, D. Bhattacharya, D. Bryder, and I.L. Weissman, Hematopoietic stem cell quiescence attenuates DNA damage response and permits DNA damage accumulation during aging. *Cell Cycle*, 2007. 6(19): p. 2371-6.
642. Warren, L.A., D.J. Rossi, G.R. Schiebinger, I.L. Weissman, S.K. Kim, and S.R. Quake, Transcriptional instability is not a universal attribute of aging. *Aging Cell*, 2007. 6(6): p. 775-82.
643. Beliakoff, J., J. Lee, H. Ueno, A. Aiyer, I.L. Weissman, G.S. Barsh, R.D. Cardiff, and Z. Sun, The PIAS-like Protein Zimp10 is Essential for Embryonic Viability and Proper Vascular Development. *Mol Cell Biol*, 2007.
644. Bhattacharya, D., M.T. Cheah, C.B. Franco, N. Hosen, C.L. Pin, W.C. Sha, and I.L. Weissman, Transcriptional profiling of antigen-dependent murine B cell differentiation and memory formation. *J Immunol*, 2007. 179(10): p. 6808-19.
645. Cheshier, S.H., S.S. Prohaska, and I.L. Weissman, The effect of bleeding on hematopoietic stem cell cycling and self-renewal. *Stem Cells Dev*, 2007. 16(5): p. 707-18.
646. Ailles, L.E. and I.L. Weissman, Cancer stem cells in solid tumors. *Curr Opin Biotechnol*, 2007. 18(5): p. 460-6.
647. Czechowicz, A., D. Kraft, I.L. Weissman, and D. Bhattacharya, Efficient transplantation via antibody-based clearance of hematopoietic stem cell niches. *Science*, 2007. 318(5854): p. 1296-9.
648. Pronk, C.J., D.J. Rossi, R. Mansson, J.L. Attema, G.L. Norddahl, C.K. Chan, M. Sigvardsson, I.L. Weissman, and D. Bryder, *Elucidation of the phenotypic, functional, and molecular topography of a myeloerythroid progenitor cell hierarchy*. *Cell Stem Cell*, 2007. 1(4): p. 428-42.
649. Majeti, R., C.Y. Park, and I.L. Weissman, *Identification of a hierarchy of multipotent hematopoietic progenitors in human cord blood*. *Cell Stem Cell*, 2007. 1(6): p. 635-45.

650. Omidvar, N., S. Kogan, S. Beurlet, C. le Pogam, A. Janin, R. West, M.E. Noguera, M. Reboul, A. Soulie, C. Leboeuf, N. Setterblad, D. Felsner, E. Lagasse, A. Mohamedali, N.S. Thomas, P. Fenaux, M. Fontenay, M. Pla, G.J. Mufti, I. Weissman, C. Chomienne, and R.A. Padua, *BCL-2 and mutant NRAS interact physically and functionally in a mouse model of progressive myelodysplasia*. *Cancer Res*, 2007. **67**(24): p. 11657-67.
651. Bababeygy, S.R., S.H. Cheshier, L.C. Hou, D.M. Higgins, I.L. Weissman, and V.C. Tse, *Hematopoietic stem cell-derived pericytic cells in brain tumor angio-architecture*. *Stem Cells Dev*, 2008. **17**(1): p. 11-8.
652. Rossi, D.J., C.H. Jamieson, and I.L. Weissman, *Stem cells and the pathways to aging and cancer*. *Cell*, 2008. **132**(4): p. 681-96.
653. Narala, S.R., R.C. Allsopp, T.B. Wells, G. Zhang, P. Prasad, M.J. Coussens, D.J. Rossi, I.L. Weissman, and H. Vaziri, *SIRT1 Acts as a Nutrient-sensitive Growth Suppressor and Its Loss Is Associated with Increased AMPK and Telomerase Activity*. *Mol Biol Cell*, 2008. **19**(3): p. 1210-9.
654. Karsunky, H., M.A. Inlay, T. Serwold, D. Bhattacharya, and I.L. Weissman, *Flk2+ common lymphoid progenitors possess equivalent differentiation potential for the B and T lineages*. *Blood*, 2008. **111**(12): p. 5562-70.
655. Xiong, A., T.W. Austin, E. Lagasse, N. Uchida, S. Tamaki, B.B. Bordier, I.L. Weissman, J.S. Glenn, and M.T. Millan, *Isolation of Human Fetal Liver Progenitors and Their Enhanced Proliferation by Three-Dimensional Coculture with Endothelial Cells*. *Tissue Eng Part A*, 2008.
656. Purhonen, S., J. Palm, D. Rossi, N. Kaskenpaa, I. Rajantie, S. Yla-Herttuala, K. Alitalo, I.L. Weissman, and P. Salven, *Bone marrow-derived circulating endothelial precursors do not contribute to vascular endothelium and are not needed for tumor growth*. *Proc Natl Acad Sci U S A*, 2008. **105**(18): p. 6620-5.
657. Drukker, M., C. Muscat, and I.L. Weissman, *Generation of a monoclonal antibody library against human embryonic stem cells*. *Methods Mol Biol*, 2007. **407**: p. 63-81. **Out of order, but here for now0**
658. Cao, Y.A., A.J. Wagers, H. Karsunky, H. Zhao, R. Reeves, R.J. Wong, D.K. Stevenson, I.L. Weissman, and C.H. Contag, *Heme oxygenase-1 deficiency leads to disrupted response to acute stress in stem cells and progenitors*. *Blood*, 2008.
- 659.