

George H. Poste

CURRICULUM VITAE

Present Appointment:

Chief Scientist, Complex Adaptive Systems Initiative

Regents' Professor and Del E. Webb Chair in Health Innovation
Arizona State University
SkySong
1475 N. Scottsdale Rd., Suite 361
Scottsdale, AZ 85257
Telephone: 480-727-8662
Fax: 480-965-2765
E-mail: george.poste@asu.edu

Other Academic Affiliations:

- Distinguished Visiting Fellow, Hoover Institution, Stanford University
- William Pitt Fellow, Pembroke College, University of Cambridge, England

Education, Qualifications and Honors:

1966	D.V.M.	University of Bristol, England (Veterinary Medicine) (Graduated first in class)
1969	Ph.D.	University of Bristol, England (Virology)
1979	M.R.C. Path.	Membership, Royal College of Pathologists, London, England (Board Certification in Pathology)
1987	D.Sc.	University of Bristol, England
1987	F.R.C.V.S.	Elected Fellow, Royal College of Veterinary Surgeons, London, England
1989	F.R.C. Path.	Elected Fellow, Royal College of Pathologists, London, England
1993	F.R.C.P. (Hon.)	Elected Fellow, Faculty of Pharmaceutical Medicine, Royal College of Physicians, London, England
1994	F.R.S.A.	Elected Fellow, Royal Society of Arts, Manufactures and Commerce, London, England
1995	LL.D. (Hon.)	University of Bristol, England
1997	F.R.S.	Elected Fellow, The Royal Society, London, England
1998	F.Med.Sci.	Elected Fellow, The Academy of Medical Sciences, London, England
1998	LL.D. (Hon.)	University of Dundee, Scotland
1999	C.B.E.	Commander of the Order of the British Empire, Honours List, H.M. Queen
1999	Honorary Fellow	University College London
2000	Member	Elected Member, Worshipful Company of Apothecaries, London
2004	Member	Council on Foreign Relations
2006	Regents Professor	Arizona State University

George H. Poste

CURRICULUM VITAE (continued)

Previous Appointments:

2003 – 2009	Director, The Biodesign Institute, Arizona State University
1999 – 2003	Miscellaneous Board Responsibilities (see below)
1997 – 1999	Chief Science and Technology Officer, SmithKline Beecham, Philadelphia
1991 – 1997	President, Research and Development, SmithKline Beecham Pharmaceuticals, Philadelphia, Pennsylvania
1989 – 1991	Executive Vice President, Research and Development, SmithKline Beecham Pharmaceuticals, Philadelphia, Pennsylvania
1988 – 1989	President, Research and Development, Smith Kline & French Laboratories, Philadelphia, Pennsylvania
1987 – 1988	Vice President, Worldwide Research and Preclinical Development, Smith Kline & French Laboratories, Philadelphia, Pennsylvania
1983 – 1986	Vice President, Research and Development, Smith Kline & French Laboratories, Philadelphia, Pennsylvania
1980 – 1983	Vice President and Director of Research, Smith Kline & French Laboratories, Philadelphia, Pennsylvania
1975 – 1980	Principal Cancer Research Scientist, Department of Experimental Pathology, Roswell Park Memorial Institute, Buffalo, New York and Professor, Department of Cell and Molecular Biology,
1974	Senior Lecturer, Department of Virology, Royal Postgraduate Medical School, University of London, England
1972 – 1974	Associate Professor of Experimental Pathology, Roswell Park Memorial Institute, Buffalo, New York (On official leave of absence from the University of London)
1970 – 1972	Lecturer in Virology, Royal Postgraduate Medical School, London, England
1969 – 1970	Research Fellow, Department of Virology, Royal Postgraduate Medical School, University of London, England
1966 – 1969	Research Fellow and Assistant Lecturer, Department of Bacteriology, University of Bristol, England

Executive Board Memberships:

1992 – 1999	Board Member, SmithKline Beecham (now GlaxoSmithKline)
2000 – 2003	Board Member, Illumina
2000 – 2003	Board Member, Maxygen
1997 – 2003	Chairman, diaDexus
2000 – 2003	Chairman, Structural GenomiX
2002 – 2003	Board Member, AdvancePCS
2002 – 2009	Chairman, Orchid Biosciences
2003 – present	Board Member, Monsanto
2004 – present	Board Member, Exelixis
2005 – present	Vice Chairman, Caris Life Sciences
2009 – present	Scientific Advisory Board, Synthetic Genomics
2004 – present	Advisory Board, Burrill and Company

Professional and Civic Duties:

1980 – 1983	Member, Pathology B Study Section, National Institute of Health
1980 – 1983	Member, Scientific Advisory Panel, Biological Response Modifiers Program, National Cancer Institute
1983 – 1986	Member, Committee du Direction, Centre Nationale de Recherche Scientifique, (CNRS), Republic of France
1984 – 1986	Member, Board of Governors, National Association for Biomedical Research
1985 – 1989	Trustee, Gordon Research Conferences
1985 – 1990	Member, UCLA Conferences Symposium Board
1986 – 1995	Member, Board of Directors, The Royal Society of Medicine Foundation, Inc.

George H. Poste

CURRICULUM VITAE (continued)

Professional and Civic Duties (continued):

1987 – 1989	Chairman, Research and Development Section, Pharmaceutical Manufacturers Association
1987 – 1992	Member, Board of Overseers of the School of Veterinary Medicine, University of Pennsylvania
1987 – 1993	Trustee, Philadelphia College of Pharmacy and Science
1988 – 1992	Member, Executive Council, International Society for Differentiation
1988 – 1992	Member, Scientific Advisory Board, Institute for Scientific Information, Philadelphia
1988 – 1992	Member, President's Council, M.D. Anderson Cancer Center, University of Texas
1989 – 1991	Member, Scientific Committee, Association of the British Pharmaceutical Industry (ABPI)
1992 – 1996	Trustee, The Keystone Center, Keystone, Colorado
1993 – 1997	Member, Board of Directors, Alliance for Aging Research
1993 – 1997	Member, Governor's Task Force on Economic Development, Commonwealth of Pennsylvania
1994 – 1997	Member, Research-Intensive Industries Task Force, Institute for the Future, Menlo Park, CA
1988 – 1998	Trustee, Life Sciences Research Foundation
1998 – 1999	Member, Advisory Committee on Global R&D, Council on Competitiveness, Washington, DC
1998 – 1999	Member, Standing Group on Health Technology, National Health Service (UK)
1998 – 1999	Member, National Health Service Executive Standing Group on Technology Assessment
1998 – 1999	Member, Ministerial Competitiveness Working Party on Innovation, Department of Trade and Industry (UK)
1997 – 1999	Member, Human Genetics Advisory Commission (UK Government)
1998 – 2000	Member, BP Technology Advisory Council
1998 – 2000	Member, Board of Medical Governors, World Economic Forum, Davos
1998 – 2001	Member, Rand Critical Technologies Task Force on The Hybrid Carbon Silicon Brain
1993 – 2003	Member, Governing Board, Beckman Center for Molecular and Genetic Medicine, Stanford University
2001 – 2005	Member, Threat Reduction Advisory Committee, United States Department of Defense
2002 – 2009	Member, Defense Science Board, United States Department of Defense
2004 – 2006	Member, Advisory Board, Life Sciences Foundation, San Francisco, CA
Current	Member, Advisory Committee on International Economic Policy, United States State Department
Current	Member, Biological Weapons Working Group, National Academy of Sciences
Current	Member, Forum on Infectious Diseases, National Academy of Sciences Institute of Medicine
Current	Member, Committee on Advances in Technology and Next Generation Biowarfare Threats. Institute of Medicine: National Research Council, US National Academy of Sciences
Current	Member, Board of Trustees; The International Vaccine Institute, Seoul, Korea

Editorial Responsibilities for Professional Publications:

1985 – 1996	Founder and Member, Editorial Board, Cancer and Metastasis Reviews
1987 – 1995	Member, Editorial Board, Cancer Invasion and Metastasis
1987 – 1999	Member, Editorial Board, Drug Targeting and Delivery
1988 – 1995	Member, Editorial Board, Clinical and Experimental Metastasis
1989 – 1999	Member, Editorial Board, International Journal of Pharmaceutics
1990 – 1998	Member, Editorial Board, Journal of Drug Targeting
1992 – 1999	Member, Editorial Board, Advanced Drug Delivery Reviews
current	Member, Editorial Board, Nature Bio/Technology

George H. Poste

CURRICULUM VITAE (continued)

Editorial Responsibilities for Professional Publications (continued):

current	Member, Editorial Board, Current Opinion in Biotechnology
current	Member, Editorial Board, Expert Opinion on Investigational Drugs
current	Member, Senior Advisory Panel, Current Drugs
current	Member, Editorial Board, Polymers in Medicine and Biotechnology
current	Member, Editorial Board, Journal of Commercial Biotechnology
current	Member, Editorial Board, Pharmacogenomics
current	Member, Editorial Board, The Journal of Biolaw and Business
current	Member, Editorial Board, Bioterrorism and Biosecurity
current	Member, Editorial Board, Expert Opinion on Molecular Diagnostics
current	Panel Member, The Institute of Medicine's (IOM's) Forum on Infectious Diseases, The Domestic and International Impacts of the 2009-H1N1 Influenza A Pandemic: Global Challenges, Global Solutions. Workshop Summary (2009) National Academies Press ISBN-13: 978-0-309-14677

Investment Community:

current	Advisor, Burrill and Company
current	Advisor, Care Capital, Princeton

Club Memberships:

current	Athenaeum, London
---------	-------------------

Published Works:

1. Poste, G. (1970) Increased growth of viruses in lymphocytes treated with heterologous antilymphocyte serum. Transplantation 10, 106-115.
2. Poste, G. (1970) Virus-induced polykaryocytosis and the mechanism of cell fusion. In: Advances in Virus Research (eds. F.B. Bang and K. Smith) Vol. 16, pp. 303-356, Academic Press, New York.
3. Poste, G. (1970) Cell surface changes in virus-induced cell fusion. 1. The importance of microvilli. Microbios 2, 227-239.
4. Poste, G. (1970) The measurement of cell surface glycoprotein coat materials by ellipsometry. 1. The techniques. Cytobios 2, 233-241.
5. Poste, G. and Greenham, L. W. (1970) The measurement of cell surface glycoprotein coat materials by ellipsometry. 2. Variation in coat thickness with cell type, tissue organization and culture conditions. Cytobios 2, 243-256.
6. Poste, G. (1970) Mixed-culture polykaryocytosis: A new form of cellular recognition behaviour. Life Sciences 9, 459-463.
7. Greenham, L. W. and Poste, G. (1971) The role of lysosomes in virus-induced cell fusion. 1. Cytochemical studies. Microbios 3, 97-104.
8. Poste, G. (1971) The role of lysosomes in virus-induced cell fusion. 2. Modification of the cell surface. Microbios 3, 105-112.
9. Poste, G. (1971) Cell surface changes in virus-induced cell fusion. 2. Changes in cell coat thickness. Microbios 3, 55-61.
10. Poste, G. and Reeve, P. (1971) Formation of hybrid cells and heterokaryons by fusion of enucleated and nucleated cells. Nature New Biology 229, 123-125.
11. Poste, G. and Greenham, L. W. (1971) The measurement of cell surface glycoprotein coat materials by ellipsometry. 3. Synthesis of coat materials. Cytobios 3, 5-15.

George H. Poste
CURRICULUM VITAE (continued)

12. Poste, G. (1971) Tissue dissociation with proteolytic enzymes: Adsorption and activity of enzymes at the cell surface. Exp. Cell Res. 65, 359-367.
13. Poste, G. (1971) Sub-lethal autolysis: Modification of the cell periphery by lysosomal enzymes. Exp. Cell Res. 67, 11-16.
14. Reeve, P. and Poste, G. (1971) Cell fusion by Newcastle disease virus in the absence of RNA synthesis. Nature New Biology 229, 1957-1958.
15. Poste, G. and Allison, A.C. (1971) The membrane fusion reaction: A theory. J. Theor. Biol. 32, 165-184.
16. Reeve, P. and Poste, G. (1971) Studies on the cytopathogenicity of Newcastle disease virus. I. Relation between virulence, polykaryocytosis and plaque size. J. Gen. Virol. 11, 17-24.
17. Reeve, P., Alexander, D.J., Pope, G. and Poste, G. (1971) Studies on the cytopathic effects of Newcastle disease virus. J. Gen. Virol. 11, 25-34.
18. Poste, G. and King, N. (1971) Isolation of a herpesvirus from the canine genital tract: Association with infertility, abortion and stillbirths. Veterinary Record 88, 229-233.
19. Poste, G. (1971) The growth and cytopathogenicity of virulent and attenuated strains of canine distemper virus in dog and ferret macrophages. J. Comp. Path. 81, 49-54.
20. Poste, G. and Reese, P. (1972) Inhibition of virus-induced cell fusion by local anaesthetics and phenothiazine tranquilizers. J. Gen. Virol. 16, 21-28.
21. Poste, G. and Reeve, P. (1972) Inhibition of cell fusion by local anesthetics and tranquilizers. Exp. Cell Res. 72, 556-560.
22. Mallucci, L., Poste, G. and Wells, V. (1972) Synthesis of cell coat in normal and transformed cells. Nature New Biology 235, 222-223.
23. Poste, G. and Reeve, P. (1972) Agglutination of normal cells by plant lectins following infection with nononcogenic viruses. Nature New Biology 237, 113-114.
24. Poste, G. (1972) Eenucleation of mammalian cells by cytochalasin B. I. Characterization of anucleate cells. Exp. Cell Res. 73, 273-286.
25. Apostolov, K. and Poste, G. (1972) Interaction of Sendai virus with human erythrocytes: A system for the study of membrane fusion. Microbios 6, 247-261.
26. Reeve, P., Poste, G., Alexander, D.J. and Pope, G. (1972) Studies on the cytopathic effects of Newcastle disease virus: Cell surface changes. J. Gen. Virol. 15, 219-225.
27. Poste, G. (1972) Mechanisms of virus-induced cell fusion. In: International Review of Cytology (eds. J.F. Danielli and K. Jeon) Vol. 33, pp. 157-252. Academic Press, New York.
28. Poste, G. and Moss, C. (1972) The study of surface reactions in biological systems by ellipsometry. In: Progress in Surface Science (ed. S.G. Davison) Vol. 2, pp. 139-232. Pergamon Press, Oxford.
29. Poste, G. and Reeve, P. (1972) Eenucleation of mammalian cells by cytochalasin B. II. Formation of hybrid cells and heterokaryons by fusion of anucleate and nucleated cells. Exp. Cell Res. 73, 287-294.
30. Poste, G. (1972) Changes in susceptibility of normal cells to agglutination by plant lectins following modification of cell coat material. Exp. Cell Res. 73, 319-328.
31. Poste, G., Waterson, A.P., Terry, G. and Alexander, D. J. and Reeve, P. (1972) Cell fusion by Newcastle disease virus. J. Gen. Virol. 16, 95-97.
32. Poste, G., Reeve, P., Alexander, D.J. and Terry, G. (1972) Studies on the cytopathogenicity of Newcastle disease virus: Effect of lectins on virus infected cells. J. Gen. Virol. 17, 81-89.
33. Poste, G., Reeve, P., Alexander, D.J. and Terry, G. (1972) Effect of plasma membrane lipid composition on cellular susceptibility to virus-induced cell fusion. J. Gen. Virol. 17, 133-136.
34. Poste, G. (1972) Characterization of a new canine herpes virus. Arch. Ges. Virusforsch 36, 147-157.
35. Poste, G., Lecatsas, G. and Apostolov, K. (1972) Electron microscope study of the morphogenesis of a new canine herpesvirus in dog kidney cell. Arch. Ges. Virusforsch 39, 317-329.

George H. Poste
CURRICULUM VITAE (continued)

36. Poste, G., Hawkins, D.F. and Thomlinson, J. (1972) Herpesvirus hominis infection of the female genital tract. Obstetrics and Gynecology 40, 871-890.
37. Poste, G. (1972) Electron microscope study of nuclear and nucleolar changes in cells infected with canine distemper virus. Arch. Ges. Virusforsch 37, 183-190.
38. Alexander, D.J., Reeve, P. and Poste, G. (1973) Studies on the cytopathic effects of Newcastle disease virus: RNA synthesis in infected cells. J. Gen. Virol. 18, 369-373.
39. Lecatsas, G. and Poste, G. (1973) Mechanism of envelopment of herpesvirus by the nuclear envelope. Onderstepoort J. Vet. Res. 40, 71-72.
40. Poste, G. (1973) The synthesis of surface coat materials in normal and transformed cells. Exp. Cell Res. 77, 264-270.
41. Poste, G., Greenham, L.W., Mallucci, L., Reeve, P. and Alexander, D.J. (1973) The study of cellular "microexudates" by ellipsometry and their relationship to the cell coat. Exp. Cell Res. 78, 303-313.
42. Papahadjopoulos, D., Poste, G. and Schaeffer, B. (1973) Fusion of mammalian cells by unilamellar lipid vesicles: Influence of lipid surface charge, fluidity and cholesterol. Biochim. Biophys. Acta 323, 23-42.
43. Alexander, D.J., Hewlett, G., Reeve, P. and Poste, G. (1973) Studies on the cytopathic effects of Newcastle disease virus: The cytopathogenicity of strain Herts 33 in five cell types. J. Gen. Virol. 21, 323-337.
44. Poste, G. (1973) Anucleate mammalian cells: Applications in cell biology and virology. In: Methods in Cell Biology (ed. D.M. Prescott) Vol. 7, pp. 211-249. Academic Press, New York.
45. Poste, G. and Allison, A.C. (1973) Membrane fusion. Biochim. Biophys. Acta 300, 421-465.
46. Poste, G., Schaeffer, B., Reeve, P. and Alexander, D.J. (1974) Rescue of Simian virus 40 (SV40) from SV40-transformed cells by fusion with anucleate monkey cells and variation in the yield of virus rescued by fusion with replicating or nonreplicating monkey cells. Virology 50, 85-95.
47. Poste, G. and Reeve, P. (1974) Increased mobility and redistribution of concanavalin A receptors on cells infected with Newcastle disease virus. Nature 247, 469-471.
48. Papahadjopoulos, D., Poste, G., Schaeffer, B.E. and Vail, W.J. (1974) Membrane fusion and molecular segregation in phospholipid vesicles. Biochim. Biophys. Acta 352, 10-28.
49. Poste, G., Alexander, D.J., Reeve, P. and Hewlett, G. (1974) Modification of Newcastle disease virus release and cytopathogenicity in cells treated with plant lectins. J. Gen. Virol. 23, 255-270.
50. Papahadjopoulos, D., Poste, G. and Mayhew, E. (1974) Cellular uptake of cyclic AMP captured within phospholipid vesicles and effect on cell growth behaviour. Biochim. Biophys. Acta 363, 404-418.
51. Reeve, P., Hewlett, G., Watkins, H., Alexander, D.J. and Poste, G. (1974) Virus-induced cell fusion enhanced by phytohaemagglutinin. Nature 249, 355-356.
52. Papahadjopoulos, D., Mayhew, E., Poste, G., Smith, S. and Vail, W.J. (1974) Incorporation of lipid vesicles by mammalian cells provides a potential method for modifying cell behavior. Nature 252, 163-166.
53. Mayhew, E., Poste, G., Cowden, M., Tolson, N. and Maslow, D. (1974) Cellular binding of ³H-cytochalasin B. J. Cell Physiol. 84, 373-382.
54. Papahadjopoulos, D., Poste, G. and Mayhew, E. (1975) Interaction between cells, liposomes and micelles. Biochemical Society Transactions 3, 606-608.
55. Weiss, L., Poste, G., MacKearnin, A. and Willett, K. (1975) Growth of mammalian cells on substrates coated with cellular microexudates. I. Effect on cell growth at low population densities. J. Cell Biol. 64, 135-145.
56. Poste, G. (1975) Production of macrophage migration inhibitory factor(s) (MIF) by virus-transformed cells. Exp. Cell Res. 92, 283-290.

George H. Poste
CURRICULUM VITAE (continued)

57. Poste, G. (1975) Production of a serine-protease with macrophage migration inhibitory factor activity by virus-transformed cells and human tumor cell lines. Cancer Research 35, 2558-2566.
58. Poste, G., Papahadjopoulos, D., Jacobson, K. and Vail, W.J. (1975) Local anaesthetics increase susceptibility of untransformed cells to agglutination by concanavalin A. Nature 253, 552-554.
59. Papahadjopoulos, D., Vail, W.J., Jacobson, K. and Poste, G. (1975) Cochleate lipid cylinders: Formation by fusion of unilamellar lipid vesicles. Biochim. Biophys. Acta 394, 483-491.
60. Papahadjopoulos, D., Jacobson, K., Poste, G. and Shepard, G. (1975) Effects of local anesthetics on membrane properties. I. Changes in the fluidity of phospholipid bilayers. Biochim. Biophys. Acta 394, 504-519.
61. Poste, G., Papahadjopoulos, D., Jacobson, K. and Vail, W.J. (1975) Effects of local anesthetics on membrane properties. II. Enhancement of the susceptibility of mammalian cells to agglutination by plant lectins. Biochim. Biophys. Acta 394, 520-539.
62. Papahadjopoulos, D. and Poste, G. (1975) Calcium-induced phase separation and fusion in phospholipid membranes. Biophys. J. 15, 945-948.
63. Poste, G., Papahadjopoulos, D. and Nicolson, G.L. (1975) Local anesthetics affect transmembrane cytoskeletal control of mobility and distribution of cell surface receptors. Proc. Nat. Acad. Sci. USA 72, 4430-4434.
64. Weiss, L., Subject, J.R. and Poste, G. (1975) Some electrical properties of the peripheries of murine 3T3 cells with respect to viral transformation and reversion. Int. J. Cancer 16, 914-921.
65. Poste, G. (1975) Interaction of concanavalin A with the surface of virus-infected cells. In: Concanavalin A. (eds. T.K. Chowdhury and A.K. Weiss) pp. 117-152. Plenum Press, New York.
66. Poste, G. and Waterson, A.P. (1975) Herpesvirus infection and cervical cancer. In: Gynaecological Malignancy. (eds. M.G. Brush and R.W. Taylor) pp. 87-108. Balliere Tindall, London.
67. Poste, G. and Waterson, A.P. (1975) Cell fusion by Newcastle disease virus. In: Negative Strand Viruses. (eds. B.W.J. Mahy and R.D. Barry) Vol. 2, pp. 905-922. Academic Press, London.
68. Nicolson, G.L., Smith, J.R. and Poste, G. (1976) Effects of local anesthetics on cell morphology and membrane-associated cytoskeletal organization in BALB/3T3 cells. J. Cell Biol. 68, 395-402.
69. Poste, G. and Nicolson, G.L. (1976) Calcium ionophores A23187 and X537A affect cell agglutination by lectins and capping of lymphocyte surface immunoglobulins. Biochim. Biophys. Acta 426, 148-155.
70. Jacobson, K., Wu, J. and Poste, G. (1976) Measurement of the translational mobility of concanavalin A in glycerol-saline solutions and on the cell surface by fluorescence recovery after photobleaching. Biochim. Biophys. Acta 433, 215-222.
71. Poste, G. and Papahadjopoulos, D. (1976) Lipid vesicles as carriers for introducing materials into cultured cells: Influence of vesicle lipid composition on mechanism(s) of vesicle incorporation into cells. Proc. Nat. Acad. Sci. USA 73, 1603-1607.
72. Poste, G. and Papahadjopoulos, D. (1976) Drug-containing lipid vesicles render drug-resistant tumour cells sensitive to actinomycin D. Nature 261, 699-701.
73. Jacobson, K., Derzko, Z., Wu, E.-S., Hou, Y. and Poste, G. (1976) Measurement of the lateral mobility of cell surface components in single, living cells by fluorescence recovery after photobleaching. J. Supramolec. Structure 5, 565-576.
74. Papahadjopoulos, D., Hui, S., Vail, W.J. and Poste, G. (1976) Studies on membrane fusion. I. Interactions of pure phospholipid membranes and the effect of myristic acid, lysolecithin, proteins and dimethylsulfoxide. Biochim. Biophys. Acta 448, 245-264.
75. Papahadjopoulos, D., Vail, W.J., Pangborn, W.A. and Poste, G. (1976) Studies on membrane fusion. II. Induction of fusion in pure phospholipid membranes by calcium ions and other divalent metals. Biochim. Biophys. Acta 448, 265-283.
76. Papahadjopoulos, D., Poste, G., Vail, W.J. and Biedler, J.L. (1976) Use of lipid vesicles as carriers to introduce actinomycin D into resistant tumor cells. Cancer Research 36, 2988-2994.

George H. Poste
CURRICULUM VITAE (continued)

77. Weiss, L. and Poste, G. (1976) The tumor cell periphery. In: Scientific Foundations of Oncology. (eds. T. Symington and R.L. Carter) pp. 25-35. Heinemann, London.
78. Poste, G. and Weiss, L. (1976) Some considerations on cell surface alterations in malignancy. In: Fundamental Aspects of Metastasis. (ed. L. Weiss) pp. 25-47. Elsevier/North-Holland, Amsterdam.
79. Nicolson, G. L. and Poste, G. (1976) Medical Progress. The cancer cell: Dynamic aspects and modifications in cell-surface organization. (First of Two Parts) New England J. Med. 295, 197-203.
80. Nicolson, G. L. and Poste, G. (1976) Medical Progress. The cancer cell: Dynamic aspects and modifications in cell-surface organization. (Second of Two Parts) New England J. Med. 295, 253-258.
81. Poste, G., Alexander, D. and Reeve, P. (1976) Enhancement of virus-induced cell fusion by phytohemagglutinin. In: Methods in Cell Biology. (ed. D.M. Prescott) Vol. 14, pp. 1-10. Academic Press, New York.
82. Poste, G. and Papahadjopoulos, D. (1976) Fusion of mammalian cells by lipid vesicles. In: Methods in Cell Biology. (ed. D.M. Prescott) Vol. 14, pp. 23-32. Academic Press, New York.
83. Poste, G., Papahadjopoulos, D. and Vail, W.J. (1976) Lipid vesicles as carriers for introducing biologically active materials into cells. In: Methods in Cell Biology. (ed. D.M. Prescott) Vol. 14, pp. 33-71. Academic Press, New York.
84. Poste, G. (1976) Changes in cell surface membranes associated with malignant transformation. In: Biological Handbooks: Cell Biology. (eds. P.L. Altman and D.D. Katz) Vol. 1, pp. 134-138. Federation of American Societies for Experimental Biology, Bethesda, Maryland.
85. Poste, G. and Nicolson, G.L. (1976) Editors. Cell Surface Reviews, Volume 1. The Cell Surface in Animal Embryogenesis and Development. Elsevier/North-Holland, Amsterdam. 766 pages.
86. Nicolson, G. L. and Poste, G. (1976) Cell shape changes and transmembrane receptor uncoupling induced by tertiary amine local anesthetics. J. Supramolecular Structure 5, 65-72.
87. Papahadjopoulos, D., Vail, W.J., Newton, C., Nir, S., Jacobson, K., Poste, G. and Lazo, R. (1977) Studies on membrane fusion. III. The role of calcium-induced phase changes. Biochim. Biophys. Acta 465, 579-598.
88. Poste, G. (1977) The cell surface and metastasis. In: Cancer Invasion and Metastasis: Biologic Mechanisms and Therapy. (ed. S.B. Day) pp. 19-47. Raven Press, New York.
89. Nicolson, G.L., Giotta, G., Lotan, R., Neri, A. and Poste, G. (1977) Modifications in transformed and malignant tumor cells. In: International Cell Biology. (eds. B.R. Brinkley and K.R. Porter) pp. 138-148. Rockefeller University Press, New York.
90. Nicolson, G.L., Poste, G. and Ji, J.H. (1977) The dynamics of cell membrane organization. In: Dynamic Aspects of Cell Surface Organization. (eds. G. Poste and G.L. Nicolson) Cell Surface Reviews, Vol. 3, pp. 1-73. Elsevier/North-Holland, Amsterdam.
91. Poste, G. and Nicolson, G.L. (1977) Editors. Cell Surface Reviews, Volume 2. Virus Infection and the Cell Surface. Elsevier/North-Holland, Amsterdam. 350 pages.
92. Poste, G. and Nicolson, G.L. (1977) Editors. Cell Surface Reviews, Volume 3. Dynamic Aspects of Cell Surface Organization. Elsevier/North-Holland, Amsterdam. 750 pages.
93. Poste, G. and Nicolson, G.L. (1977) Editors. Cell Surface Reviews, Volume 4. The Synthesis, Assembly and Turnover of Cell Surface Components. Elsevier/North-Holland, Amsterdam. 883 pages.
94. Fidler, I.J., Roblin, R.O. and Poste, G. (1978) In vitro tumoricidal activity of macrophages against virus-transformed lines with temperature-dependent transformed phenotypic characteristics. Cell. Immunol. 38, 131-146.
95. Poste, G., Porter, C.W. and Papahadjopoulos, D. (1978) Identification of a potential artifact in the use of electron microscope autoradiography to localize saturated phospholipids in cells. Biochim. Biophys. Acta 510, 256-263.
96. Nicolson, G.L. and Poste, G. (1978) Mechanism of resistance to ricin toxin in selected mouse lymphoma cell lines. J. Supramolec. Structure 8, 235-245.

George H. Poste
CURRICULUM VITAE (continued)

97. Poste, G. and Papahadjopoulos, D. (1978) The influence of vesicle membrane properties on the interaction of lipid vesicles with cultured cells. Ann. N.Y. Acad. Sci. 308, 164-184.
98. Poste, G. and Pasternak, C.A. (1978) Virus-induced cell fusion. In: Membrane Fusion. (eds. G. Poste and G.L. Nicolson) Cell Surface Reviews, Vol. 5, pp. 305-367. Elsevier/North-Holland, Amsterdam.
99. Poste, G. and Lyon, N. (1978) Enucleation of cultured animal cells by cytochalasin B. In: Cytochalasins - Biochemical and Cell Biological Aspects. (ed. S. Tanenbaum) pp. 161-189. Elsevier/North-Holland, Amsterdam.
100. Poste, G., Reeve, P. and Bachmeyer, H. (1978) Interaction of lipid vesicles containing paramyxovirus envelope glycoproteins with cultured cells. In: Negative Strand Viruses and the Host Cell. (eds. B.W.J. Mahy and R.D. Barry) pp. 815-823. Academic Press, New York.
101. Poste, G. and Nicolson, G.L. (1978) Editors. Cell Surface Reviews, Volume 5. Membrane Fusion. Elsevier/North-Holland, Amsterdam. 862 pages.
102. Poste, G., Kirsh, R. and Fidler, I.J. (1979) Cell surface receptors for lymphokines. I. The possible role of glycolipids as receptors for macrophage migration inhibitory factor (MIF) and macrophage activation factor (MAF). Cell. Immunol. 44, 71-88.
103. Poste, G., Allen, H. and Matta, K.L. (1979) Cell surface receptors for lymphokines. II. Studies on the carbohydrate composition of the MIF receptor on macrophages using synthetic saccharides and plant lectins. Cell. Immunol. 44, 89-98.
104. Poste, G., Kirsh, R., Fogler, W. and Fidler, I.J. (1979) Activation of tumoricidal properties in mouse macrophages by lymphokines encapsulated in liposomes. Cancer Research 39, 881-892.
105. Poste, G. and Kirsh, R. (1979) Rapid decay of tumoricidal activity and loss of responsiveness to lymphokines in inflammatory macrophages. Cancer Research 39, 2582-2590.
106. Poste, G. and Flood, M.K. (1979) Cells transformed by temperature-sensitive mutants of avian sarcoma virus cause tumors in vivo at both permissive and nonpermissive temperatures. Cell 17, 789-800.
107. Nicolson, G.L. and Poste, G. (1979) Lectin-mediated agglutination of murine lymphoma cells: cell surface deformability and reversibility of agglutination by saccharides. Biochim. Biophys. Acta 554, 520-531.
108. Poste, G. (1979) The tumoricidal properties of inflammatory tissue macrophages and multinucleate giant cells. Am. J. Pathol. 96, 595-608.
109. Poste, G. (1979) The surface properties of invasive and metastatic tumour-cell populations. British J. Cancer 39, 467-469.
110. Papahadjopoulos, D., Poste, G. and Vail, W.J. (1979) Studies on membrane fusion with natural and model membranes. In: Methods in Membrane Biology. (ed. E. Korn) pp. 1-121. Plenum Press, New York.
111. Poste, G. and Nicolson, G.L. (1980) Arrest and metastasis of blood-borne tumor cells are modified by fusion of plasma membrane vesicles from highly metastatic cells. Proc. Nat. Acad. Sci. USA 77, 399-403.
112. Poste, G. and Fidler, I.J. (1980) The pathogenesis of cancer metastasis. Nature 283, 139-146.
113. Sone, S., Poste, G. and Fidler, I.J. (1980) Rat alveolar macrophages are susceptible to activation by free and liposome-encapsulated lymphokines. J. Immunol. 124, 2197-2202.
114. Poste, G., Doll, J., Hart, I.R. and Fidler, I.J. (1980) In vitro selection of murine B16 melanoma variants with enhanced tissue-invasive properties. Cancer Research 40, 1636-1644.
115. Fidler, I.J., Raz, A., Fogler, W.E., Kirsh, R., Bugelski, P. and Poste, G. (1980) Design of liposomes to improve delivery of macrophage augmenting agents to alveolar macrophages. Cancer Research 40, 4460-4466.
116. Poste, G., Lyon, N.C., Macander, P., Porter, C.W., Reeve, P. and Bachmeyer, H. (1980) Liposome-mediated transfer of integral membrane glycoproteins into the plasma membrane of cultured cells. Exp. Cell Research 129, 393-408.
117. Poste, G. (1980) Surface molecules and tumour-cell metastatic properties. Biochem. Soc. Trans. 8, 695-697.
118. Poste, G. (1980) The interaction of lipid vesicles (liposomes) with cultured cells and their use as carriers for drugs and macromolecules. In: Liposomes in Biological Systems. (eds. G. Gregoriadis and A.C. Allison) pp. 101-151. J. Wiley, New York.

George H. Poste
CURRICULUM VITAE (continued)

119. Poste, G. (1980) The influence of cell surface properties on the arrest of circulating melanoma cells. In: Tumor Cell Surfaces and Malignancy. (eds. R.O. Hynes and C.F. Fox) pp. 737-745. Alan R. Liss, New York.
120. Poste, G., Kirsh, R., Raz, A., Sone, S., Bucana, C., Fogler, W.E. and Fidler, I.J. (1980) Activation of tumoricidal properties in macrophages by liposome-encapsulated lymphokines: In vitro studies. In: Liposomes and Immunobiology. (eds. B. Tom and H. Six) pp. 93-107. Elsevier/North-Holland, Amsterdam.
121. Fidler, I.J., Raz, A., Fogler, W.E. and Poste, G. (1980) Pulmonary localization of intravenously injected liposomes. In: Recent Results in Cancer Research. (eds. G. Mathe and F.M. Muggia) Vol. 75, pp. 246-251. Springer Verlag, Berlin.
122. Fidler, I.J., Hart, I.R., Raz, A., Fogler, W.E., Kirsh, R. and Poste, G. (1980) Activation of tumoricidal properties in macrophages by liposome-encapsulated lymphokines: In vivo studies. In: Liposomes and Immunobiology. (eds. B. Tom and H. Six) pp. 109-118. Elsevier/North-Holland, Amsterdam.
123. Cotman, C., Poste, G. and Nicolson, G.L. (1980) Editors. Cell Surface Reviews, Volume 6. The Cell Surface and Neuronal Function. Elsevier/North-Holland, Amsterdam. 546 pp.
124. Raz, A., Bucana, C., Fogler, W.E., Poste, G. and Fidler, I.J. Biochemical, morphological, and ultrastructural studies on the uptake of liposomes by murine macrophages. Cancer Research 41, 487-494.
125. Fidler, I.J., Raz, A., Fogler, W.E., Hoyer, L.C. and Poste, G. (1981) The role of plasma membrane receptors and the kinetics of macrophage activation by lymphokines encapsulated in liposomes. Cancer Research 41, 495-504.
126. Hart, I.R., Fogler, W.E., Poste, G. and Fidler, I.J. (1981) Toxicity studies of liposome-encapsulated immunomodulators administered intravenously to dogs and mice. Cancer Immunol. Immunother. 10, 157-166.
127. Poste, G., Doll, J. and Fidler, I.J. (1981) Interactions among clonal subpopulations affect the stability of the metastatic phenotype in poly-clonal populations of B16 melanoma cells. Proc. Nat. Acad. Sci. USA 78, 6226-6230.
128. Poste, G. and Fidler, I.J. (1981) Activation of macrophages by lymphocyte mediators encapsulated in liposomes. In: Manual of Macrophage Methodology. (eds. H.B. Herscovitz, H.T. Holden, J.A. Bellanti and A. Ghaffar) pp. 431-438. Marcel Dekker, New York.
129. Fidler, I.J. and Poste, G. (1981) Macrophage destruction of micrometastases. In: Manual of Macrophage Methodology. (eds. H.B. Herscovitz, H.T. Holden, J.A. Bellanti and A. Ghaffar) pp. 509-514. Marcel Dekker, New York.
130. Poste, G. and Fidler, I.J. (1981) Stimulation of macrophage-mediated destruction of lung metastases by administration of immunomodulators encapsulated in liposomes. In: Liposomes, Drugs and Immunocompetent Cell Functions. (eds. C. Nicolau and A. Paraf) pp. 147-161. Academic Press, New York.
131. Fidler, I.J. and Poste, G. (1981) Treatment of spontaneous murine metastases by the systemic administration of liposomes containing macrophage-activating agents. In: Cancer: Achievements, Challenges and Prospects for the 1980s. (eds J.H. Burchemall and H.F. Oettgen) Vol. 2, pp. 77-89. Grune and Stratton, New York.
132. Fidler, I.J. and Poste, G. (1981) Activation of tumoricidal properties in murine macrophages by intravenous injection of muramyl dipeptide encapsulated within liposomes as a treatment for spontaneous metastasis. In: The Prostatic Cell: Structure and Function. (eds. G.P. Murphy, A.A. Sandberg and J.P. Karr) Part B, pp. 257-267. Alan R. Liss, New York.
133. Poste, G. and Flood, M.K. (1981) Cells transformed by temperature-sensitive mutants of avian sarcoma virus cause tumors in vivo at both permissive and nonpermissive temperatures. In: Readings in Mammalian Cell Culture. (ed. R. Pollack) pp. 351-362. Cold Spring Harbor Laboratory, New York.
134. Poste, G. and Nicolson, G.L. (1981) Editors. Cell Surface Reviews, Volume 7. Cytoskeletal Elements and Plasma Membrane Organization. Elsevier/North-Holland, Amsterdam. 349 pp.
135. Fidler, I.J. and Poste, G. (1982) The biologic diversity of cancer metastases. Hospital Practice 17, 57-64.
136. Fidler, I.J., Barnes, Z., Fogler, W.E., Kirsh, R., Bugelski, P. and Poste, G. (1982) Involvement of macrophages in the eradication of established metastases following intravenous injection of liposomes containing macrophage activators. Cancer Research 42, 496-501.

George H. Poste
CURRICULUM VITAE (continued)

137. Poste, G., Bucana, C., Raz, A., Bugelski, P., Kirsh, R. and Fidler, I.J. (1982) Analysis of the fate of systemically administered liposomes and implications for their use in drug delivery. Cancer Research 42, 1412-1422.
138. Poste, G., Doll, J., Brown, A.E., Tzeng, J. and Zeidman, I. (1982) Comparison of the metastatic properties of B16 melanoma clones isolated from cultured cell lines, subcutaneous tumors, and individual lung metastases. Cancer Research 42, 2770-2778.
139. Poste, G. and Greig, R. (1982) On the genesis and regulation of cellular heterogeneity in malignant tumors. Invasion and Metastasis 2, 137-176.
140. Fidler, I.J. and Poste, G. (1982) Macrophage-mediated destruction of malignant tumor cells and new strategies for the therapy of metastatic disease. Springer Semin. Immunopathol. 5, 161-174.
141. Poste, G., Tzeng, J., Doll, J., Greig, R., Rieman, D. and Zeidman, I. (1982) Evolution of tumor cell heterogeneity during progressive growth of individual lung metastases. Proc. Nat. Acad. Sci. USA 79, 6574-6578.
142. Badger, A., Griswold, D.E., DiMartino, M.J. and Poste, G. (1982) Inhibition of antibody synthesis by histamine in concanavalin A-treated mice: The possible role of glucocorticosteroids. J. Immunol. 129, 1017-1022.
143. Sitrin, R.D., Antell, L.A., Griswold, D.E., Bender, P.E., Greig, R.G. and Poste, G. (1982) A high performance liquid chromatography assay for the rapid analysis of the subunit content of concanavalin A. Biochim. Biophys. Acta 717 (1) 175-178.
144. Poste, G. (1982) Cellular heterogeneity in malignant neoplasms and the therapy of metastases. Ann. N.Y. Acad. Sci. 391, 34-48.
145. Poste, G. and Fidler, I.J. (1982) Active non-specific immunotherapy of lung metastases by macrophages activating agents encapsulated in liposomes. In: Optimization of Drug Delivery, Alfred Benzon Symposium 17. (eds. H. Bundgaard, A. Bagger Hansen and H. Kofod) pp. 418-431. Munksgaard, Copenhagen.
146. Poste, G. and Fidler, I.J. (1982) Therapeutic amplification of macrophage-mediated destruction of tumor cells: An approach to cancer therapy that addresses the problem of tumor cell heterogeneity. In: Design of Models for Testing Cancer Therapeutic Agents. (eds. I.J. Fidler and R.J. White) pp. 225-238. Van Nostrand, New York.
147. Poste, G. (1982) Methods and models for studying tumor invasion. In: Tumor Invasion and Metastasis. (eds. L.A. Liotta and I.R. Hart) pp. 147-171. Martinus Nijhoff, Amsterdam.
148. Brown, A.E., Badger, A.M. and Poste, G. (1982) The effect of cimetidine on immune cell function and host response to tumors. In: Current Concepts in Human Immunology and Cancer Immunomodulation. (ed. B. Serrou) pp. 513-519. Elsevier, Amsterdam.
149. Poste, G. (1982) Liposomes as a carrier system for improved delivery of biologically-active materials to cells in vitro and in vivo. In: Liposome Methodology. (eds. L.D. Leserman and J. Barbet) pp. 65-77. Inserm, Paris.
150. Poste, G. (1982) Variation in the metastatic properties of cells from malignant tumors and the control of the metastatic phenotype. In: Tumour Progression and Markers. (ed. M. Price) pp. 197-210. Kugler Publications, Amsterdam.
151. Nicolson, G.L. and Poste, G. (1982) Tumor cell diversity and host responses in cancer metastasis. I. Properties of metastatic cells. In: Current Problems in Cancer. (ed. R.C. Hickey) pp. 1-83. Yearbook Medical Publishers, Chicago.
152. Fidler, I.J. and Poste, G. (1982) Macrophages and Cancer Metastasis. In: Macrophages and Natural Killer Cells, Advances in Experimental Medicine and Biology, Vol. 155. (eds. S.J. Normann and E. Sorkin) pp. 65-75. Plenum Press, New York.
153. Poste, G. (1982) Experimental systems for analysis of the malignant phenotype. In: Cancer and Metastasis Reviews. (ed. I.J. Fidler) Vol. 1, pp. 141-199. Martinus Nijhoff, Amsterdam.
154. Fidler, I.J. and Poste, G. (1982) The heterogeneity of metastatic properties in malignant tumor cells and regulation of the metastatic phenotype. In: Tumor Cell Heterogeneity: Origins and Implications. (eds. A. Owens, Coffey, D. S., and S. Balin) pp. 127-145. Academic Press, New York.
155. Poste, G. and Kirsh, R. (1982) Liposome-encapsulated macrophage activation agents and active non-specific immunotherapy of neoplastic disease. In: Cell Function and Differentiation, Part A. (ed. A. Evangelopoulos) pp. 309-319. Alan R. Liss, New York.

George H. Poste
CURRICULUM VITAE (continued)

156. Poste, G., Bucana, C. and Fidler, I.J. (1982) Stimulation of host response against metastatic tumors by liposome-encapsulated immunomodulators. In: Targeting of Drugs. (eds. G. Gregoriadis, J. Senior and A. Trouet) NATO Advanced Studies Institute Series, Vol. A47, pp. 261-284. Plenum Press, New York.
157. Poste, G. and Nicolson, G.L. (1982) Editors. Cell Surface Reviews, Volume 8. Membrane Reconstitution. Elsevier/North-Holland, Amsterdam. 360 pages.
158. Poste, G. (1983) Tumor cell heterogeneity and the metastatic process. In: Understanding Breast Cancer: Clinical and Laboratory Concepts. (eds. M.A. Rich, J.C. Hager and P. Furmanski) pp. 119-143. Marcel Dekker, Inc., New York.
159. Greig, R. G., Caltabiano, L., Reid, Jr., R., Feild, J. and Poste, G. (1983) Heterogeneity of protein phosphorylation in metastatic variants of B16 melanoma. Cancer Research 43, 6057-6065.
160. Bugelski, P.J., Kirsh, R.L. and Poste, G. (1983) New histochemical method for measuring intratumoral macrophages and macrophage recruitment into experimental metastases. Cancer Research 43, 5493-5501.
161. Badger, A., Young, J. and Poste, G. (1983) Inhibition of phytohaemagglutinin-induced proliferation of human peripheral blood lymphocytes by histamine and histamine H₁ and H₂ agonists. Clin. Exp. Immunol. 51, 178-184.
162. Badger, A., Brown, A.E. and Poste, G. (1983) The effect of cimetidine on antibody synthesis in vitro and in vivo. Immunology 48, 151-155.
163. Griswold, D.E., Badger, A.M., Bender, P.E., Sitrin, R.D., Antell, L., Greig, R.G. and Poste, G. (1983) Differential effects of intact subunits and nicked fragments of concanavalin A on immune functions in vitro and in vivo. J. Immunol. 131, 1626-1628.
164. Hanna, N., DiMartino, M., Griswold, D.E. and Poste, G. (1983) Immunology of auranofin. Current Clinical Practice 7, 60-70.
165. Poste, G. and Kirsh, R. (1983) Site-specific (targeted) drug delivery in cancer therapy. Biotechnology 1, 869-878.
166. Poste, G. and Nicolson, G.L. (1983) Experimental systems for analysis of the surface properties of metastatic tumor cells. In: Biomembranes. (ed. A. Nowotny) Vol. 11, pp. 341-364. Plenum Press, New York.
167. Poste, G. (1983) Liposome targeting in vivo: problems and opportunities. In: Liposomes in Vivo. (eds. C. Nicolau and G. Poste). Biol. Cell. 47, pp. 19-38.
168. Nicolson, G.L. and Poste, G. (1983) Tumor cell diversity and host responses in cancer metastasis. II. Host immune responses and therapy of metastases. In: Current Problems in Cancer. (ed. R.C. Hickey) Vol. 7, pp. 1-42. Yearbook Medical Publishers, Chicago.
169. Kirsh, R. and Poste, G. (1983) Stimulation of host resistance to metastatic tumors by macrophage activating agents encapsulated in liposomes. In: Host Defenses to Intracellular Pathogens. (ed. T.K. Eisenstein) Adv. Exp. Biol. Med. Vol. 162, pp. 69-75. Raven Press, New York.
170. Poste, G. (1983) Whatever happened to the industry I was told to distrust. Immunology Today 4, 133-136.
171. Nicolson, G.L. and Poste, G. (1983) Tumor implantation and invasion at metastatic sites. Int. Rev. Exp. Pathol. 25, 77-181.
172. Poste, G. and Greig, R. (1983) The experimental and clinical implications of cellular heterogeneity in malignant tumors. J. Cancer Res. Clin. Oncol. 106, 159-170.
173. Poste, G., Kirsh, R. and Koestler, T. (1984) The challenge of liposome targeting in vivo. In: Liposome Technology (ed. G. Gregoriadis) Vol. 3, pp.1-28. CRC Press, Boca Raton, Florida.
174. Kirsh, R. and Poste, G. (1984) Liposome encapsulation of biological response modifiers: Activation of tumoricidal macrophages. In: Liposome Technology (ed. G. Gregoriadis) Vol. 2, pp. 33-53. CRC Press, Boca Raton, Florida.
175. Sheppard, J.R., Koestler, T., Corwin, S., Buscarino, C., Doll, J., Lester, B., Greig, R. and Poste, G. (1984) Experimental metastasis correlates with cyclic AMP accumulation in B16 melanoma clones. Nature 308, 544-547.
176. Griswold, D.E., Alessi, S., Badger, A.M., Poste, G. and Hanna, N. (1984) Inhibition of T suppressor cell expression by histamine type 2 (H₂) receptor antagonists. J. Immunol. 132, 3054-3057.

George H. Poste
CURRICULUM VITAE (continued)

177. Kirsh, R. and Poste, G. (1984) Macrophage activation in vivo: New approaches to the therapy of metastatic tumors. EOS J. Immunol. Immunopharmacol. IV, 32-35.
178. Poste, G., Tzeng, J., Koestler, T., Corwin, S., and Greig, R. (1984) Interactions between tumor cell subpopulations in malignant tumors. In: Cancer Invasion and Metastasis: Biological and Therapeutic Aspects. (eds. G. Nicolson and L. Milas) pp. 223-244. Raven Press, New York.
179. Poste, G. and Nicolson, G.L. (1984) In vitro systems for studying the interaction of metastatic tumor cells with endothelial cells and subendothelial basement membranes. In: Biology of Endothelial Cells. (ed. E. A. Jaffe) pp. 438-448. Martinus Nijhoff, Boston.
180. Poste, G. (1984) Liposomes: fascination, frustration, feasibility and fantasy. In: Liposome Letters. (ed. A.D. Bangham) pp. 375-386. Academic Press, London.
181. Poste, G. and Crooke, S.T. (1984) Editors. Dopamine Receptor Agonists. New Horizons in Therapeutics. Vol. 1. Plenum Press, New York.
182. Badger, A.M., Young, J. and Poste, G. (1984) Reversal of histamine-mediated immunosuppression by structurally diverse histamine type II (H₂) receptor antagonists. Int. J. Immunopharmacol. 6, 467-473.
183. Wright, B., Greig, R. and Poste, G. (1984) Inhibition of macrophage activation and tumor cell cytotoxicity by cyclosporin A. Biochem. Biophys. Res. Commun. 123, 710-715.
184. Kirsh, R. and Poste, G. (1984) Liposome targeting to macrophages: Opportunities for treatment of infectious diseases. In: Infections of the Compromised Host. (eds. P. Actor, A. Grangelista, and J. Poupard) pp. 317-356. Plenum Press, New York.
185. Poste, G. (1984) Tumor Cell Heterogeneity. National Cancer Institute, Cancer Information Dissemination Center. Oncology Overview Series, U.S. Government Printing Office.
186. Poste, G., Kirsh, R. and Bugelski, P. (1984) Liposomes as a drug delivery system in cancer therapy. In: Novel Approaches to Cancer Chemotherapy. (ed. P. Sunkara) pp. 165-230. Academic Press, New York.
187. Poste, G. (1984) Hype, Hope and Honesty: Reporting of Cancer Discoveries by the Media. Biotechnology 2, 1096.
188. Kirsh, R. and Poste, G. (1984) Liposomes and targeted drug delivery to macrophages: A potential system for improved therapy of microbial infections. Clin. Immunol. Newsletter 5, 168-171.
189. Poste, G. (1984) New insights into receptor regulation. J. Applied Physiol. 57, 1297-1305.
190. Koestler, T.P., Rieman, D., Muirhead, K., Greig, R.G. and Poste, G. (1984) Identification and characterization of a monoclonal antibody to an antigen expressed on activated macrophages (lymphokine/hybridoma/cell surface antigens/immunofluorescence/macrophage-mediated cytotoxicity. Proc. Nat. cad. Sci. USA. 81, 4505-4509.
191. Koestler, T.P., Kirsh, R., Kline, T., Rieman, D., Greig, R. and Poste, G. (1984) Production of C3 as a marker of lymphokine-mediated macrophage activation. Cell. Immunol. 87, 1-14.
192. Poste, G., (1984) The mystery of metastasis: What we know, so far. Your Patient and Cancer April, 59-61.
193. Poste, G. (1985) Tumor cell heterogeneity and the pathogenesis of cancer metastasis. In: Basic Mechanisms and Clinical Treatment of Tumor Metastasis. (eds. Torisu, M and Yoshida, T.) pp. 79-100. Academic Press, New York.
194. Griswold, Don E., Lee, J. C., Poste, G. and Hanna, N. (1985) Modulation of macrophage-lymphocyte interactions by the antiarthritic gold compound, auranofin. J. Rheumatol. 12, 490-497.
195. Muirhead, K.A., Horan, P.K. and Poste, G. (1985) Flow Cytometry: Present and future. Biotechnology 3, 337-356.
196. Greig, R.G., Lester, B., Sorensen, P., Buscarino, C. and Poste, G. (1985) Hormonal regulation of B16 melanoma metastasis. In: Treatment of Metastasis: Problems and Prospects. (eds. K. Hellmann and S.A. Eccles.) pp. 121-124. Taylor and Francis, London.

George H. Poste
CURRICULUM VITAE (continued)

197. Poste, G. (1985) Drug Targeting in Cancer Therapy. In: Receptor-Mediated Targeting of Drugs. (eds. G. Gregoriadis, J. Senior, G. Poste and A. Trouet) pp. 427-474. Plenum Press, New York.
198. Ravetch, J.V., Young, J. and Poste, G. (1985) Molecular Genetic Strategies for the Development of Anti-Malarial Vaccines. Biotechnology 3, 729-740.
199. Bugelski, P.J., Kirsh, R., Corwin, S., Sowinski, J. and Poste, G. (1985) Changes in the macrophage content of lung metastases at different stages in tumor growth. Am. J. Pathol. 118, 419-424.
200. Ferguson, B. Pritchard, L. Feild, J., Reiman, D., Greig, R., Poste, G. and Rosenberg, M. (1985) Isolation analysis of an Abelson murine leukemia virus-encoded tyrosine-specific kinase produced in E. coli. J. Biol. Chem. 260, 3652-3657.
201. Greig, R.G., Koestler, T.P., Trainer, D.L., Corwin, S., Miles, L., Kline, T., Sweet, R., Yokoyama, S. and Poste, G. (1985) Tumorigenic and metastatic properties of "normal" and ras-transfected NIH/3T3 cells. Proc. Nat. Acad. Sci., USA 82, 3698-3701.
202. Fidler, I.J. and Poste, G. (1985) The cellular heterogeneity of malignant neoplasms: Implications for adjuvant chemotherapy. Seminars in Oncology, 12, 207-221.
203. Trainer, D., Kline, T., Mallon, F., Greig, R. and Poste, G. (1985) Effect of 5-azacytidine on DNA methylation and the malignant properties of B16 melanoma cells. Cancer Research 45, 6124-6130.
204. Poste, G. (1985) Current concepts of cancer metastasis. Transactions and Studies of the College of Physicians of Philadelphia series 5, 7, 239-252.
205. Wright, B., Zeidman, I., Greig, R. and Poste, G. (1985) Inhibition of macrophage activation by calcium channel blockers and calmodulin antagonists. Cellular Immunology 95, 46-53.
206. Koestler, T., Badger, A., Rieman, D., Greig, R. and Poste, G. (1985) Induction by immunomodulatory agents of a macrophage antigen recognized by monoclonal antibody 158.2 and correlation with macrophage function. Cellular Immunology 96, 113-125.
207. Greig, R.G., Caltabiano, L., Feild, J., Reid, Jr., R. and Poste, G. (1985) Alterations in the phosphoprotein composition of tumor cell clones induced by cell culture techniques used routinely in assessing metastatic behavior in vivo. Int. J. Cancer 35, 367-375.
208. Muirhead, K., Bender, P., Hanna, N. and Poste, G. (1985) Binding of histamine and histamine analogs to lymphocyte subsets analyzed by flow cytometry. J. Immunol. 135, 4120-4128.
209. Griswold, D.E., Antell, L., Bender, P.E., Hanna, N. and Poste, G. (1985) Induction of suppressor cells, interleukin 2 production and mitogenesis with monomeric concanavalin A: different actions of tetrameric and monomeric concanavalin A. Mol. Immunol. 22, 1311-1316.
210. Poste, G. (1985) The pharmaceutical industry and health care in the third world. Biotechnology 3, 704-706.
211. Kirsh, R. and Poste, G. (1985) Liposome mediated delivery of biological response modifiers (BRM) to macrophages in vivo: A new strategy for therapy of neoplastic disease. Colloids and Surfaces 14, 339-348
212. Poste, G. and Croke, S.T. (1985) Editors. Mechanisms of Receptor Regulation. New Horizons in Therapeutics, Vol. 2. Plenum Press, New York.
213. Poste, G. and Greig, R. (1986) Experimental Models for Studying the Pathogenesis and Therapy of Metastatic Disease. In: Mechanisms of Cancer Metastasis: Potential therapeutic implications. (ed. K. V. Honn) pp. 41-68 Martinus Nijhoff, Boston.
214. Poste, G. (1986) Pathogenesis of metastatic disease: Implications for current therapy and for the development of new therapeutic strategies. Cancer Treatment Reports. 70, 183-199.
215. Lee, J., Rebar, L., Young, P., Ruscetti, F., Hanna, N. and Poste, G. (1986) Identification and characterization of a human T cell line-derived lymphokine with MAF-like activity distinct from gamma interferon. J. Immunol. 136, 1322-1328.
216. Nicolson, G.L., Fidler, I.J. and Poste, G. (1986) The effects of tertiary amine local anesthetics on the blood-borne implantation and cell surface properties of metastatic mouse melanoma cells. J. Nat. Cancer Inst. 76, 511-519.

George H. Poste
CURRICULUM VITAE (continued)

217. Sheppard, J. R., Lester, B., Doll, J., Buscarino, C., Gonzales, E., Corwin, S., Greig, R. and Poste G. (1986) Biochemical regulation of adenylate cyclase in murine melanoma clones with different metastatic properties. Int. J. Cancer 37, 713-722.
218. Poste, G. and Crooke, S.T. (1986) Editors. New insights into cell and membrane transport processes. New Horizons in Therapeutics. Vol. 3. Plenum Press, New York.
219. Kirsh, R. and Poste, G. (1986) Macrophage-mediated tumor cell destruction: opportunities for treatment of metastatic disease. In: Receptors in Tumor Biology. (ed. C. M. Chadwick) Marcel Dekker, New York.
220. Poste, G. (1986). Cell surface alterations and the metastatic behavior of tumor cells. In: Interaction of Cells with Natural and Foreign Surfaces. (ed. N. Crawford) Plenum Press, New York.
221. Caltabiano, M. M., Koestler, T. P., Poste, G. and Greig, R. (1986) Induction of mammalian stress proteins by triethylphosphine gold compound used in the therapy of rheumatoid arthritis. Biochem. Biophys. Res. Comm. 138, 1074-1080.
222. Caltabiano, M., Koestler, T., Poste, G. and Greig, R. (1986) Induction of 32- and 34-kDa stress proteins by sodium arsenite, heavy metals, and thiol-reactive agents. J. Biol. Chem. 261, 13381-13386.
223. Van Alstine, J.M., Sorensen, P., Webber, T.J., Greig, R., Poste, G. and Brooks, D.E. (1986) Heterogeneity in the surface properties of B16 melanoma cells from sublines with differing metastatic potential detected via two polymer aqueous phase partition. Experimental Cell Research 164, 366-378.
224. Poste, G., and Greig, R. (1986) The Cell Surface and Cancer Metastasis. Developmental Biology Volume 3, 15-31 (ed. M. S. Steinberg) Plenum Publishing Corp.
225. Lester, B. R., Greig, R. G., Buscarino, C. Sheppard, J. R., Corwin, S. P. and Poste, G. (1986) cAMP metabolism in B16 Melanoma clones during the formation of experimental and spontaneous metastases. Int. J. Cancer 38, 405-411.
226. Horan, P.K., Slezak, D. and Poste, G. (1986) Improved flow cytometric analysis of leukocyte cell subsets: Simultaneous identification of five cell subsets using two color immunofluorescence. Proc. Nat. Acad. Sci. USA, 82, 8361-8365.
227. Kirsh, R. and Poste, G. (1986) Liposome mediated drug delivery to mononuclear phagocytes in vivo: Applications in antimicrobial therapy. In: Medical Applications of Liposomes. (ed. K. Yagi) pp. 99-104 Karger, Basel.
228. Gregoriadis, G., Senior, J., and Poste, G. (1986) Editors. Targeting of drugs with synthetic systems. NATO ASI Series. Plenum Press, New York, Vol. 113.
229. Kirsh, R., and Poste, G. (1986) Liposome targeting to macrophages: opportunities for treatment of infectious diseases. In: Infections in the Immunocompromised Host-Laboratory Diagnosis and Treatment. Eds. P. Actor, A. Evangelista, J. Poupard and E. Hinks, Plenum Press, New York. pp 171-184.
230. Greig, Russell G., and Poste, G. (1986) Biological Membranes and Malignancy: An Overview of Pharmacological Opportunities. In: Annals of the New York Academy of Sciences, Vol. 488.
231. Poste, G., Greig, R. (1986) The Cell-Surface and Cancer Metastasis. American Zoologist, 26(3), 567.
232. Caltabiano, M.M., Koestler, T.P., Poste, G., Greig, R.G. (1986) Compound used in the therapy of rheumatoid-arthritis. Biochemical and Biophysical Research Communications, 138(3) 1074-1080.
233. Wright, B., Zeidman, I., Greig, R., Poste, G. (1986) Calcium fluxes and calmodulin inhibitors in macrophage activation. Cellular Immunology, 100(2), 586-587.
234. DiMartino, M.J., Griswold, D.E., Berkowitz, B.A., Poste, G., and Hanna, N. (1987) Pharmacologic characterization of the antiinflammatory properties of a new dual inhibitor of lipoxygenase and cyclooxygenase. Agents and Actions Vol. 20, 113-123.
235. Lester, B.R., Stadel, J.M., Buscarino, C., Sheppard, J., Greig, R.G., and Poste, G. (1987) Reconstitution of the G_s protein from B16 melanoma clones of high and low experimental metastatic potential into S49 CYCmembranes. Biochemical and Biophysical Research Communications 147, 443-451.
236. Rees, R., Dalton, B., Young, J., Hanna, N., and Poste, G. (1987) Augmentation of human natural killer cell activity by influenza virus antigens produced in E. Coli. J. Biol. Res. Mod., 6, 9-87.

George H. Poste
CURRICULUM VITAE (continued)

237. Dunnington, D.J., Buscarino, C., Gennaro, D., Greig, R., and Poste, G. (1987) Characterization of an animal model of metastatic colon carcinoma. Int. J. Cancer 39, 248-254.
238. Bugelski, P.J., Kirsh, R., Buscarino, C., Corwin, S.P. and Poste, G. (1987) Recruitment of exogenous macrophages into metastases at different stages of tumor growth. Cancer Immunol. Immunotherap. 24, 93-98.
239. Bugelski, P.J., Corwin, S.P., North, S.M., Kirsh, R.L., Nicolson, G.L. and Poste, G. (1987) Macrophage content of spontaneous metastases at different stages of growth. Cancer Research 47, 4141-4145.
240. Niewiarowska, A., Caltabiano, M.M., Bailey, D.S., Poste, G., and Greig, R.G. (1987) Alterations in lipid-linked oligosaccharide metabolism in human melanoma cells concomitant with induction of stress proteins. J. Biol. Chem. 262, 14815-14820.
241. Koestler, T., Johnson, W., Rieman, D., Dalton, B., Greig, R., and Poste, G. (1987) Differential expression of murine macrophage-mediated tumor cytotoxicity induced by interferons. Cancer Research 47, 2804-2808.
242. Poste, G. (1987) Industrial biotechnology in Europe-Issues for public policy. A Book Review The Scientist 1, 23.
243. Poste, G. and Crooke, S.T. (1987) Editors. New Frontiers in the Study of Gene Functions. New Horizons in Therapeutics, Plenum Press, New York.
244. Kirsh, R., Poste, G. (1987) Liposome-Mediated Macrophage Activities. Methods in Enzymology 149, 147-157.
245. Griswold, D.G., Webb, E.F., Godfrey, R., DiMartino, M.J., Sarau, H., Poste, G. and Hanna, N. (1987) SK&F 86002: A novel anti-inflammatory agent producing inhibition of lipoxygenase- and cyclooxygenase-mediated arachidonic acid metabolism. Biochem. Pharmacol. 36, 3463-3470.
246. Bailey, D.S., Kline, T., Clark, R.K., Hoffstein, S., Poste, G., Greig, R. (1987) Glycoprotein synthesis by Human Colon Carcinoma Cells In Vitro and As Xenografts in Nude Mice. Biochem. Soc. Trans., 15(3), 385.
247. Clark, R.K., Bailey, D.S., Bryant, S.L., Trainer, D.L., Poste, G., Greig, R. (1987) Differentiation and carbohydrate expression in colon-carcinoma. Proceedings of the American Association of Cancer Research., March, Vol. 28, 39.
248. Trainer, D.L., Clark, R., Feild, J., Chaikin, M., Kline, T., Watt, R., Poste, G., Greig, R. (1987) Oncogene expression in primary and metastatic human-colon carcinoma. Gastroenterology, 92(5) 1673.
249. Greig, R.G., Anzano, M., Tainer, D., Poste, G. (1987) Growth-regulation in colon-carcinoma. Journal of Cellular Biochemistry. S11D, p. 85.
250. Bailey, D.S., Nambi, P., Bryant, S.L., Clark, R.K., Trainer, D., Poste, G., Greig, R. (1987) Signal transduction and differentiation of colon carcinoma cells. J. Cell Biol., Vol. 105.
251. Trainer, D.L., Kline, T., McCabe, F.L., Faucette, L.F., Feild, J., Chaikin, M., Anzano, M., Rieman, D., Hoffstein, S., Li, D., Gennaro, D., Buscarino, C., Lynch, M., Poste, G., and Greig, R. (1988) Biological characterization and oncogene expression in human colorectal carcinoma cell lines. Int. J. Cancer 41, 287-296.
252. Poste, G. and Crooke, S.T. (1988) Editors. Cellular and molecular aspects of inflammation. New Horizons in Therapeutics Volume 5, Plenum Press, New York.
253. Trainer, D., Kline, T., Hensler, G., Greig, R., and Poste, G. (1988) Clonal analysis of the malignant properties of B16 melanoma cells treated with the DNA hypomethylating agent 5-azacytidine. Clin. Expl. Metastasis 6, 185-200.
254. Young, J.F., and Poste, G. (1988) The prospects for a human malaria vaccine. Trends in Biotechnology 6, 63-68.
255. Kirsh, R., Goldstein, R., Tarloff, J., Parris, D., Hook, J., Hanna, N., Bugelski, P., and Poste, G. (1988) An emulsion formulation of amphotericin B improves the therapeutic index when treating systemic murine candidiasis. The Journal of Infectious Diseases, 158, 5, 1065-1070.
256. Caltabiano, M.M., Poste, G., and Greig, R.G. (1988) Induction of the 32-kDa human stress protein by auranofin and related triethylphosphine gold analogs. Biochem. Pharmacol. 37, 21, 4089-4093.
257. Kruse, C.H., Holden, K.A., Offen, P.H., Pritchard, M.L., Feild, J.A., Rieman, D., Bender, P.E., Greig, R.G. and Poste, G. (1988) Synthesis and evaluation of multisubstrate inhibitors of an oncogene-encoded tyrosine-specific protein kinase. J. Medicinal Chemistry. 31, 1762-1772

George H. Poste
CURRICULUM VITAE (continued)

258. Caltabiano, M.M., Poste, G., Greig, R.G. (1988) Isolation and immunological characterization of the mammalian 32-/34-kDa stress protein. Experimental Cell Research, 178, 31-40.
259. Poste, G., Greig, R. (1988) New-wave cancer therapy: Disease-specific strategies. The Scientist, 2(19), 1-14.
260. Gregoriadis, G., Poste, G. (1988) Editors. Targeting of Drugs: Anatomical and Physiological Considerations. (1988) NATO ASI Series. Series A: Life Sciences, Vol. 155.
261. Fidler, I., Poste, G., Murine Melanoma Metastasis. (1988) ISI Atlas of Science: Immunology, pp. 133-137.
262. Poste, G. (1989) Biotechnology: A new horizon for pharmacy. U.S.Pharmacist 14, 76-83.
263. Pritchard, M.L., Rieman, D., Feild, J., Kruse, C., Rosenberg, M., Poste, G., Greig, R.G., Ferguson, B.Q. (1989) A truncated v-abl-derived tyrosine-specific tyrosine kinase expressed in escherichia-coli. Biochem J., 257(2), 321-329.
264. Bugelski, P.J., Gennaro, D.E., Poste, G., Hoffstein, S.T. (1989) A new cytochemical method for ultrastructural detection of liposomes in tissues in vivo. Journal of Histochemistry and Cytochemistry, 37(6) 843-851.
265. Moyer, M.P., and Poste, G. (1989) Editors. Colon Cancer Cells. Academic Press, New York.
266. Gregoriadis, G., Allison, A.C., Poste, G. (1989) Editors. Immunological Adjuvants and Vaccines. NATO ASI Series. Series A: Life Sciences, Vol. 179.
267. Badger, A.M., Griswold, D.E., Poste, G., Hanna, N. (1990) Histamine modulation of murine suppressor cell function. Histamine & H₂ Antagonists in Inflammation and Immunodeficiency, pp. 3-21.
268. Greig, R., and Poste, G. (1990) Glycoconjugates as drugs. Glycobiology, pp. 173-193.
269. Hook, J., and Poste, G. (1990) Editors. Protein Design and the Development of New Therapeutics and Vaccines. Plenum Press, New York.
270. Gregoriadis, G., Allison, A.C., Poste, G. (1989) Editors. Targeting of drugs 2: optimization strategies. NATO ASI Series. Series A: Life Sciences Vol.. 199. Plenum Press, New York.
271. Poste, G., The importance of the national climate as a stimulus to research in the USA. Reprinted from Creating the Right Environment for Drug Discovery, Edited by Stuart R. Walker, pp. 105-121. The Ciba Foundation, London. Quay Publishing.
272. Ruffolo, Jr., R.R., Brooks, D., Huffman, W., Poste, G., (1991) From vasopressin antagonist to agonist: a saga of surprise! Drug News & Perspectives, 4(4), 217-222.
273. Hanna, N., Poste, G. (1991). Inflammation. Encyclopedia of Human Biology, Vol. 4, pp. 469-477. Academic Press, New York.
274. Harris, T., Poste, G. (1991). Pharmaceutical applications. Current Opinion in Biotechnology, Vol. 2, No. 2, pp. 211-214. (ed. J. Davies) Current Biology Ltd., London.
275. Gregoriadis, G., Allison, A., and Poste, G. (1990) Editors. Vaccines: recent trends and progress. NATO ASI Series. Series A: Life Sciences, Vol. 215. Plenum Press, New York.
276. Brawner, M., Fornwald, J., Rosenberg, M., Poste, G. and Westpheling, J. (1990) Heterologous gene expression in streptomyces. Genetics of Industrial Microorganisms, pp. 85-93. Heslot, H., Davies, J., Florent, J., Bobichon, L., Durand, G., Penasse, L., (1990) Editors. Societe Francaise de Microbiologie, Strasbourg.
277. Brawner, M., Fornwald, J., Rosenberg, M., Poste, G. and Westpheling, J. (1991) Streptomyces: a host for heterologous gene expression. Current Opinion in Biotechnology, Vol. 2, pp. 674-81. Current Biology Ltd., London.
278. Gregoriadis, G., Florence, A.T., Poste, G. (1991) Editors. Targeting of drugs 3: the challenges of peptides and proteins. NATO ASI Series. Series A: Life Sciences. Vol 238. Plenum Press, New York.
279. Ruffolo, Jr., R.R., Boyle, D.A., Brooks, D.P., Feuerstein, G.Z., Venuti, R.P., Lukas, M.A., Poste, G. (1992) Carvedilol: a novel cardiovascular drug with multiple actions. Cardiovascular Drug Reviews, Vol. 10, No. 2, pp. 127-57. Neva Press, Inc.

George H. Poste
CURRICULUM VITAE (continued)

280. Nichols, A.J., Ruffolo, Jr., R.R., Huffman, W.F., Poste, G. and Samanen, J. (1992) Development of GPIIb/IIIa antagonists as antithrombotic drugs. Trends in Pharmacological Sciences, Vol. 13, pp. 413-17. Elsevier Science Publishers Ltd. (UK).
281. Fan, D., Poste, G., O'Brian, C.A., Seid, C., Ward, N.E., Earnest, L.E., Fidler, I.J. (1992) Chemosensitization of murine fibrosarcoma cells to drugs affected by the multidrug resistance phenotype by the antidepressant trazodone: an experimental model for the reversal of intrinsic drug resistance. International Journal of Oncology, 1, 734-42. National Hellenic Research Foundation, Athens, Greece.
282. Ohlstein, E.H., Douglas, S.A., Sung, C.P., Yue, T.L., Louden, C., Arleth, A., Poste, G., Ruffolo, Jr., R.R., Feuerstein, G.Z. (1993) Carvedilol, a cardiovascular drug, prevents vascular smooth muscle cell proliferation, migration and neointimal formation following vascular injury. Proceedings of the National Academy of Sciences, Vol. 90, pp. 6189-93.
283. Smith, R.A.G., Dewdney, J.M., Fears, R., and Poste, G. (1993) Chemical derivatization of therapeutic proteins. Trends in Biotechnology, 11(9), pp. 397-403. Elsevier Science Publishers Ltd. (UK).
284. Poste, G., (1993) Genetics, economics and ethics: the new trinity shaping the future direction of healthcare. Campaign for Resource. pp. 1-8, University of Bristol, London, England.
285. Poste, G., (1993) Defining a strategy for healthcare research & development in turbulent times. Pharmaceutical Forum, Issue 2, pp. 11-15. Amersham International plc, Little Chalfont (UK).
286. Gregoriadis, G., McCormack, B., Allison, A.C., Poste, G. (1993) Editors. New generation vaccines. The role of basic immunology. NATO ASI Series. Series A: Life Sciences. Vol 261. Plenum Press, New York.
287. Fan, D., Poste, G., Ruffolo, Jr., R.R., Dong, Z., Seid, C., Earnest, L.E., Campbell, T.E., Clyne, R.K., Belltran, P.J., Fidler, I.J. (1994) Circumvention of multidrug resistance in murine fibrosarcoma and colon carcinoma cells by treatment with the α -adrenoceptor antagonist furobenzazepine. International Journal of Oncology, 4, 789-98.
288. Metcalf, B., Dalton, B.J., Poste, G. (1994) Editors. Cellular adhesion: molecular definition to therapeutic potential. New Horizons in Therapeutics, Plenum Press, New York.
289. Fears, R., Suckling K. and Poste, G. (1994) Novel agents in the treatment of atherosclerosis. Exp. Opin. Invest. Drugs, 3, 481-91.
290. Fan, D., Poste, G., Seid, C., Earnest, L., Bull, T., Clyne, R., and Fidler, I. (1994) Reversal of multidrug resistance in murine fibrosarcoma cells by thioxanthene flupentixol. Investigational New Drugs, 12, 185-95.
291. Fears, R. and Poste, G. (1994) Obstacles to the development of novel thrombolytic agents for acute myocardial infarction therapy : is the good the enemy of the best? Fibrinolysis, 8, 214-20.
292. Poste, G. (1994) R&D strategies in the pharmaceutical industry. R&D Efficiency, 3, 1-8.
293. Fears, R., Greig, R., Poste, G. (1994) Human genomic research and innovative medicine. Science in Parliament, 51, 4-5.
294. Poste, G. and Fears, R. (1994) Industry's crystal ball. Science & Public Affairs, Autumn, pp. 4-6.
295. Poste, G. (1994) This house believes the NHS can no longer afford the best medicines. The Great Oxford Debate. Pharmaceutical Times, November, pp. 26-29.
296. Ruffolo, Jr., R.R. and Poste, G. (1994) A prescription for better prescriptions : a response. Issues in Science and Technology, Summer Supplement, p. 9.
297. Ohlstein, E.H., Nambi, P., Douglas, S.A., Edwards, R.M., Gellai, M., Lago, A., Leber, J.D., Cousins, R.D., Gao, A., Frazee, J.S., Peishoff, C.E., Bean, J.W., Eggleston, D.S., Elshourbagy, N.A., Kumar, C., Lee, J.A., Yue, T-L., Louden, C., Brooks, D.P., Weinstock, J., Feuerstein, G., Poste, G., Ruffolo, Jr., R.R., Gleason, J.G., Elliott, J.D. (1994) SB 209670, a rationally designed potent nonpeptide endothelin receptor antagonist. Proceedings of the National Academy of Sciences, 91, 8052-8056.
298. Gregoriadis, G., McCornack, B., Poste, G. (1994) Editors. Targeting of Drugs. Advances in system constructs. NATO ASI Series. Series A: Life Sciences, Vol. 273, Plenum Press, New York.
299. Poste, G. (1995) The study of genes and their functional regulation. Vital Speeches of the Day, LXI (6), 165-69.

George H. Poste
CURRICULUM VITAE (continued)

300. Poste, G. (1995) Science: The view from industry. Times Higher, Education Supplement, April 21, 1995, p. 11.
301. Feuerstein, G.Z., Poste, G. and Ruffolo, Jr., R.R. (1995) Carvedilol update III: rationale for use in congestive heart failure. Drugs of Today, 31, 307-26.
302. Warner, M. and Poste, G. (1995) Editors. The impact of the new genetics on the NHS. The Cardiff Debate, Welsh Health Planning Forum, Cardiff, Wales.
303. Poste, G. (1995) There was a false comfort in healthcare. Pharmaceutical Times, October, 28-34.
304. Poste, G. (1995) The case for genomic patenting. Nature, 378, 534-6.
305. Fears, R and Poste G. (1995) Enabling the future: an industry perspective on the foresight science policy exercise in the life sciences. Science Technology and Innovation, 8, 26-30.
306. Greller, L.D., Tobin, F.L., Poste, G. and Wang, X. (1995) Genetic instability and progression interactions in tumor dynamics. International Workshop on Information Processing in Cells and Tissues, pp. 569-73. The University of Liverpool, England.
307. Greller, L.D., Tobin, F.L. and Poste, G. (1995) Computational tumor heterogeneity and progression. Computational Medicine, Public Health, and Biotechnology (Part 1). (ed. M. Witten), 5, pp. 413-41. World Scientific Publishing Company, New Jersey.
308. Poste, G. and McCormick D. (1995) Genomics: history and science in the making. The Biotechnology Report, (ed. H. Price), pp. 68-9. Campden Publishing Limited, London.
309. Chopra, I., Hodgson, J. Metcalf, B., and Poste, G., (1996) New approaches to the control of infections caused by antibiotic-resistant bacteria. Journal of the American Medical Association, 275, 401-03.
310. Poste, G. (1996) Is SmithKline's future in its genes? Business Week, March 4, pp. 80-1.
311. Fears, R. and Poste, G. (1996) Challenges in R&D. Science and Parliamentary Affairs, Summer Issue, pp. 5-6.
312. Poste, G. (1996) An acid test for excellence. Financial Times, Invited Editorial, June 7, p. 16.
313. Poste, G. (1996) A strategy to promote a national asset. Financial Times, Invited Editorial, July 19, p. 12.
314. Feuerstein, G.Z., Shusterman, N.H., Poste, G., Ruffolo, Jr., R.R. (1996) Beta-blockers and heart failure : rationale and highlights from the carvedilol heart failure trials. Pharmaceutical News, 3, 18-23.
315. Greller, L.D., Tobin, F.L. and Poste, G. (1996) Tumor heterogeneity and progression : conceptual foundations for modeling. Invasion & Metastasis, 16, 177-208.
316. Poste, G. (1997) Fight for your future. Pharmaceutical Times, January, p. 40.
317. Poste, G. (1997) The science of the possible. Times Higher, February, p. 12.
318. Chopra, I., Hodgson, J., Metcalf, B. and Poste, G. (1997) The search for antimicrobial agents effective against bacteria resistant to multiple antibiotics. Antimicrobial Agents and Chemotherapy, 41, 497-503.
319. Poste, G. (1997) Managing discontinuities in healthcare markets and technology. Vital Speeches of the Day, LXIII (10), 309-13.
320. Poste, G. (1997) Looking back to the future: healthcare by 2022. Scrip Magazine, April, p. 34-7.
321. Fears, R., Ferguson, M.W.J., Stewart W. and Poste, G. (1997) Life-sciences R&D, national prosperity, and industrial competitiveness. Science, 276, 759-60.
322. Poste, G., Roberts, D. and Gentry, S. (1997) Patents, ethics and improving healthcare. Bulletin of Medical Ethics, 124, 29-31.

George H. Poste
CURRICULUM VITAE (continued)

323. Hagan, J.J., Middlemiss, D.N., Sharpe, P.C. and Poste, G.H. (1997) Parkinson's disease : prospects for improved drug therapy. Trends in Pharmacological Sciences, 18, 156-63.
324. Poste, G. (1997) In praise of excellence. Financial Times, Invited Editorial, August 1, p. 16.
325. Poste, G. (1997) Science, medicine and society : progress, perils, opportunities and opponents. Vital Speeches of the Day, LXIII (24), 755-58.
326. Ruffolo, Jr., R.R., Poste, G. and Metcalf, B. (1997) Editors. Cell cycle regulation. New Horizons in Therapeutics, Harwood Academic Publishers, The Netherlands.
327. Yue, T-L, Ma, X-L, Wang, X., Romanic, A.M., Liu, G-L, Loudon, C., Gu, J-L, Kumar, S., Poste, G. Ruffolo, Jr. and R.R. Feuerstein, G.Z. (1997) Possible involvement of stress-activated protein kinase signaling pathway and fas receptor expression in prevention of ischemia/reperfusion-induced cardiomyocyte apoptosis by carvedilol. Circulation Research, 82, 166-74.
328. Poste, G. (1998) Hard choices must be made for a competitive future. Research Fortnight, February 11, p. 13.
329. Poste, G. (1998) New frontiers, new hurdles. The Parliament Magazine, May 4, p. 12.
330. Poste, G. (1998) Molecular medicine and information-based targeted healthcare. Nature Biotechnology, 16 (Supplement), 19-21.
331. Feuerstein, G.Z., Poste, G., Shusterman, N.H. and Ruffolo, Jr., R.R. (1998) The changing paradigm for pharmacotherapy of congestive heart failure. International Journal of Cardiovascular Medicine and Science, 1, 171-89.
332. Poste, G. (1998) Science, Innovation and the Evolution of Genetic Medicine. European BioPharmaceutical Review, December, pp. 62-8.
333. Fears, R. and Poste, G. (1998) British science policy : reasons to be cheerful and careful. Science and Public Affairs, The British Association, Winter Issue.
334. Poste, G. and Fears, R. (1999) Joining up for the genome. Times Higher, Educational Supplement 19, February, pp. 40-1.
335. Ruffolo, Jr., R.R., Feuerstein, G.Z., Hunter, A.J., Poste and G. Metcalf, B.W. (1999) Inflammatory cells and mediators in CNS diseases. New Horizons in Therapeutics, Harwood Academic Publishers, The Netherlands.
336. Poste, G. (1999) Antibiotic armageddon. Financial Times, Poste Script, March 15, p. 6.
337. Fears, R. and Poste, G. (1999) Building population genetics resources using the U.K. NHS. Science, 284, 267-68.
338. Poste, G. (1999) Not invented here : the old bromide has run its course, probably forever. The Genesis Report/Rx, February 8(2), 8-9.
339. Poste, G. and Fears, R. (1999) How to maximise the benefits of molecular medicine : integrated system to promote progress. UK Houses of Parliament, Biotechnology Supplement, May 3, pp. 12-3.
340. Poste, G. (1999) Making more of yourself. Financial Times, Life Sciences Supplement, 15 July, p. 6.
341. Poste, G. and Fears, R. (1999) The best ways forward. Science & Public Affairs, Special Issue, June, pp. 4-5.
342. Fears, R. and Poste, G. (1999) SmithKline Beecham and the future direction of medical research. Science in Parliament, Summer Issue, 56 (3), 10-11.
343. Fears, R., Weatherall D. and Poste, G. (1999) The impact of genetics on medical education and training. British Medical Bulletin, 55 (2), pp. 460-70.

George H. Poste
CURRICULUM VITAE (continued)

344. Poste, G., Bell, J., Davies, K., Goodfellow, P. and Hastie, N. (1999) Editors. Impact of genomics on healthcare. British Medical Bulletin, 55 (2), Royal Society of Medicine Press, London, 496 pp.
345. Poste, G. (1999) The new risks to scientific progress, Financial Times, Life Sciences Supplement, 28 October, p. VII.
346. Poste, G. (2000) The right treatment, for the right disease, for the right patient. Scrip Magazine, January, Issue 86.
347. Poste, G. (2000) The First battleground for the regulation of e.commerce. Financial Times 6 April 2000, Life Sciences Supplement IV.
348. Fears, R., Roberts, D. Poste, G. (2000) Rational or rationed medicine? The promise of genetics for improved clinical practice. BMJ, April 2000, pp. 933-935.
349. Poste, G. (2000) Revealing Reality Within a Body of Imaginary Things. Essays for Theories, Models, Methods, Approaches, Assumptions and Findings". Damien Hirst Exhibition, Gagosian Gallery, New York, September 2000
350. Poste, G. (2000) R&D in the Post-Genome World: The Challenge of Systems Biology, Financial Times Biotechnology Survey 16 November 2000.
351. Poste, G. (2000) The Nation is Falling Apart. Financial Times 4 December 2000
352. Poste, G. (2000) Biotechnology and the Evolution of Molecular Medicine. J. Biolaw Supplement 2000, 12-16.
353. Poste, G (2001) Genomics at the Cutting Edge. Financial Times 26 September 2001.
354. Poste, G. (2001) Molecular diagnostics: a powerful new component of the healthcare value chain. Expert Rev. Mol. Diag. 1, 1-5.
355. The Dawning Life Sciences Defense Industry. An Interview with George Poste. In Vivo 2001 19 (9) 1-9.
356. A Rude Awakening to the Forces of Good and Evil. Financial Times Biotechnology Survey. 27 November 2001.
357. Poste, G. (2002) Biotechnology and Terrorism. Prospect. #74, 48-52.
358. Poste, G. (2002) Facing Reality in Preparing for Biological Warfare. Health Affairs 21.
359. Poste, G. (2002) Biotechnology, Bioterrorism and Biosecurity. Drug Discovery World. Summer 2002, pp. 9-21.
360. Member, National Academy of Sciences Panel Report (2003) Sharing Publication – Related Data and Material: Responsibilities of Authorship in the Life Sciences" books.nap.edu/books/0309088593/html.R1.html#pagetop.
361. Member, Journal and Editors Group: National Academy of Science and Center for Strategic and International Studies Panel (2003) "Statement on Scientific Publication and Security". Proc. Nat. Acad. Sci. USA 100, 464 and Nature 421, 771.
362. Bootman, J.L., Eichler, H-G, Jonsson, B., Moerman, D., Poste, G., Kielgast, P., Hock, T. and Sousa-Pinto, G. (2003). An agenda for health priorities. International Forum on Medicines – International Pharmaceutical Foundation, The Hague, The Netherlands.
363. Eichler, H-G., Bootman, J.L., Jonsson, B., Moerman, D., and Poste, G. (2003). The need to assess the value of medicines. International Forum on Medicines – International Pharmaceutical Federation, The Hague, The Netherlands.
364. Bootman, J.L., Eichler, H-G, Jonsson, B., Moerman, D. and Poste, G. (2003). Achieving the value of medicines. International Forum on Medicines – International Pharmaceutical Federation, The Hague, The Netherlands.
365. Poste, G (2003) Genes and Molecular Medicine Proceedings of Cambridge Symposium to Celebrate 50 Years of the Double Helix. MRC Laboratory of Molecular Biology, Cambridge. Pp 16-21.
366. Panel Member (2005) Institute of Medicine Report. An International Perspective on Advancing Technologies and Strategies for Managing Dual-Use Risks. National Academy Press, Washington, DC 2005.
367. Panel Member (2006) Institute of Medicine and National Research Council of the National Members Report: Globalization, Biosecurity and the Future of the Life Sciences. Washington, DC 225 pp.

George H. Poste
CURRICULUM VITAE (continued)

368. Poste, G. (2005) Issues in Bioterrorism and Defense: A View of the Future in Technology Futures and Global Power, Wealth and Conflict. Ed. A.K. Solomon. CSIS, Washington, DC
369. Poste, G (2005) Incorporating appropriate technology into North American schools of public health, Pan Am J Public Health 19(2), 2005
370. Poste, G. (2006) Animal Testing a Necessary Research Tool, For Now. in Arizona Republic, September 3, 2006.
371. Acquisti C, Poste G, Curtiss D, Kumar S (2007) Nullomers: Really a Matter of Natural Selection?. PLoS ONE 2(10): e1022. doi:10.1371/journal.pone.0001022
372. Poste, G. (2009) What's in a name? Nature Biotechnology 27, 1071-1073
373. Poste, G. (2011) Bring on the biomarkers. Nature 469, 156-157
374. Poste, G. (2011) US Patent No. 7888035, Klass et al., Date of Patent Feb. 15, 2011
375. Poste, G. (2012) Leveling the Playing Field: Bringing Development of Biomarkers and Molecular Diagnostics up to the Standards for Drug Development. Clin. Cancer Res. 2012;18:1515-1523.