

8 Literaturverzeichnis

1. Hüsing, B., E.-M. Engels, T. Frick, K. Menrad, and T. Reiß, *Technology Assessment: Xenotransplantation*. 1998, Schweizerischer Wissenschaftsrat.
2. Lanza, R.P., D.K. Cooper, and W.L. Chick, *Xenotransplantation*. *Sci Am*, 1997. **277**(1): p. 54-9.
3. Platt, J.L., *New directions for organ transplantation*. *Nature*, 1998. **392**(6679 Suppl): p. 11-7.
4. Levy, G.A., A. Ghanekar, M. Mendicino, M.J. Phillips, and D.R. Grant, *The present status of xenotransplantation*. *Transplant Proc*, 2001. **33**(7-8): p. 3050-2.
5. Lanza, R.P. and D.K. Cooper, *Xenotransplantation of cells and tissues: application to a range of diseases, from diabetes to Alzheimer's*. *Mol Med Today*, 1998. **4**(1): p. 39-45.
6. Yoo, D. and A. Giulivi, *Xenotransplantation and the potential risk of xenogeneic transmission of porcine viruses*. *Can J Vet Res*, 2000. **64**(4): p. 193-203.
7. Fishman, J.A., *Miniature swine as organ donors for man : strategies for prevention of xenotransplant-associated infections*. *Xenotransplantation*, 1994. **1**: p. 47-57.
8. Sachs, D.H., *The pig as a potential xenograft donor*. *Vet Immunol Immunopathol*, 1994. **43**(1-3): p. 185-91.
9. Fishman, J.A., *Xenosis and xenotransplantation: addressing the infectious risks posed by an emerging technology*. *Kidney Int Suppl*, 1997. **58**: p. S41-5.
10. Gregory, V., W. Lim, K. Cameron, M. Bennett, S. Marozin, A. Klimov, H. Hall, N. Cox, A. Hay, and Y.P. Lin, *Infection of a child in Hong Kong by an influenza A H3N2 virus closely related to viruses circulating in European pigs*. *J Gen Virol*, 2001. **82**(Pt 6): p. 1397-406.
11. Alexander, D.J. and I.H. Brown, *Recent zoonoses caused by influenza A viruses*. *Rev Sci Tech*, 2000. **19**(1): p. 197-225.
12. Chua, K.B., W.J. Bellini, P.A. Rota, B.H. Harcourt, A. Tamin, S.K. Lam, T.G. Ksiazek, P.E. Rollin, S.R. Zaki, W. Shieh, C.S. Goldsmith, D.J. Gubler, J.T. Roehrig, B. Eaton, A.R. Gould, J. Olson, H. Field, P. Daniels, A.E. Ling, C.J. Peters, L.J. Anderson, and B.W. Mahy, *Nipah virus: a recently emergent deadly paramyxovirus*. *Science*, 2000. **288**(5470): p. 1432-5.
13. Enserink, M., *New virus fingered in Malaysian epidemic*. *Science*, 1999. **284**(5413): p. 407, 409-10.
14. Enserink, M., *Emerging diseases. Malaysian researchers trace Nipah virus outbreak to bats*. *Science*, 2000. **289**(5479): p. 518-9.
15. Gunzburg, W.H. and B. Salmons, *Xenotransplantation: is the risk of viral infection as great as we thought?* *Mol Med Today*, 2000. **6**(5): p. 199-208.
16. Maeschli, C., *Risiko von Zoonosen bei Xenotransplantationen*, in *Semesterarbeit an der Abteilung für Umweltnaturwissenschaften*. 1997, ETH Zürich.
17. Patience, C., Y. Takeuchi, and R.A. Weiss, *Infection of human cells by an endogenous retrovirus of pigs*. *Nat Med*, 1997. **3**(3): p. 282-6.
18. Specke, V., S. Rubant, and J. Denner, *Productive infection of human primary cells and cell lines with porcine endogenous retroviruses*. *Virology*, 2001. **285**(2): p. 177-80.

19. Patience, C., G.S. Patton, Y. Takeuchi, R.A. Weiss, M.O. McClure, L. Rydberg, and M.E. Breimer, *No evidence of pig DNA or retroviral infection in patients with short-term extracorporeal connection to pig kidneys*. *Lancet*, 1998. **352**(9129): p. 699-701.
20. Paradis, K., G. Langford, Z. Long, W. Heneine, P. Sandstrom, W.M. Switzer, L.E. Chapman, C. Lockey, D. Onions, and E. Otto, *Search for cross-species transmission of porcine endogenous retrovirus in patients treated with living pig tissue*. *The XEN 111 Study Group*. *Science*, 1999. **285**(5431): p. 1236-41.
21. Heneine, W., A. Tibell, W.M. Switzer, P. Sandstrom, G.V. Rosales, A. Mathews, O. Korsgren, L.E. Chapman, T.M. Folks, and C.G. Groth, *No evidence of infection with porcine endogenous retrovirus in recipients of porcine islet-cell xenografts*. *Lancet*, 1998. **352**(9129): p. 695-9.
22. Rolle, M. and A. Mayr, *Medizinische Mikrobiologie, Infektions- und Seuchenlehre*. 1993, Stuttgart: Enke Verlag.
23. Fields, B.N., D.M. Knipe, and P.M. Howley, *Virology*. Third Edition ed. 1996: Lippincott-Raven.
24. Zimmermann, J. and W. Hammerschmidt, *Structure and role of the terminal repeats of Epstein-Barr virus in processing and packaging of virion DNA*. *J Virol*, 1995. **69**(5): p. 3147-55.
25. Prang, N.S., M.W. Hornef, M. Jager, H.J. Wagner, H. Wolf, and F.M. Schwarzmann, *Lytic replication of Epstein-Barr virus in the peripheral blood: analysis of viral gene expression in B lymphocytes during infectious mononucleosis and in the normal carrier state*. *Blood*, 1997. **89**(5): p. 1665-77.
26. Nador, R.G., L.L. Milligan, O. Flore, X. Wang, L. Arvanitakis, D.M. Knowles, and E. Cesarman, *Expression of Kaposi's sarcoma-associated herpesvirus G protein-coupled receptor monocistronic and bicistronic transcripts in primary effusion lymphomas*. *Virology*, 2001. **287**(1): p. 62-70.
27. Feranchak, A.P., R.W. Tyson, M.R. Narkewicz, F.M. Karrer, and R.J. Sokol, *Fulminant Epstein-Barr viral hepatitis: orthotopic liver transplantation and review of the literature*. *Liver Transpl Surg*, 1998. **4**(6): p. 469-76.
28. Hudnall, S.D., P.L. Rady, S.K. Tyring, and J.C. Fish, *Serologic and molecular evidence of human herpesvirus 8 activation in renal transplant recipients*. *J Infect Dis*, 1998. **178**(6): p. 1791-4.
29. Kadakia, M.P., *Human herpesvirus 6 infection and associated pathogenesis following bone marrow transplantation*. *Leuk Lymphoma*, 1998. **31**(3-4): p. 251-66.
30. Reinke, P., S. Prosch, F. Kern, and H.D. Volk, *Mechanisms of human cytomegalovirus (HCMV) (re)activation and its impact on organ transplant patients*. *Transpl Infect Dis*, 1999. **1**(3): p. 157-64.
31. Gentile, G., *Post-transplant HHV-6 Diseases*. *Herpes*, 2000. **7**(1): p. 24-27.
32. MacLean, H.J. and A.G. Douen, *Severe amnesia associated with human herpesvirus 6 encephalitis after bone marrow transplantation*. *Transplantation*, 2002. **73**(7): p. 1086-9.
33. Huang, C.A., Y. Fuchimoto, Z.L. Gleit, T. Ericsson, A. Griesemer, R. Scheier-Dolberg, E. Melendy, H. Kitamura, J.A. Fishman, J.A. Ferry, N.L. Harris, C. Patience, D.H. Sachs, H. Li, G. Snowden, D. O'Toole, T.B. Crawford, K.E. Weck, S.S. Kim, H.I. Virgin, and S.H. Speck, *Posttransplantation lymphoproliferative disease in miniature swine after allogeneic hematopoietic cell transplantation: similarity to human PTLN and association with a porcine gammaherpesvirus*. *Blood*, 2001. **97**(5): p. 1467-73.
34. McInnes, E.F., R.F. Jarrett, G. Langford, C. Atkinson, J. Horsley, M.J. Goddard, E. Cozzi, and H.J. Schuurman, *Posttransplant lymphoproliferative disorder associated with primate gamma-*

- herpesvirus in cynomolgus monkeys used in pig-to-primate renal xenotransplantation and primate renal allotransplantation*. *Transplantation*, 2002. **73**(1): p. 44-52.
35. Quaia, M., P. Zancai, R. Cariati, S. Rizzo, M. Boiocchi, and R. Dolcetti, *Glucocorticoids promote the proliferation and antagonize the retinoic acid-mediated growth suppression of Epstein-Barr virus-immortalized B lymphocytes*. *Blood*, 2000. **96**(2): p. 711-8.
 36. Plonait, H. and K. Bickhardt, *Lehrbuch der Schweinekrankheiten*. 1988, Berlin und Hamburg: Verlag Paul Parey.
 37. Sawitzky, D., *Transmission, species specificity, and pathogenicity of Aujeszky's disease virus*. *Arch Virol Suppl*, 1997. **13**: p. 201-6.
 38. Tucker, A.W., D. Galbraith, P. McEwan, and D. Onions, *Evaluation of porcine cytomegalovirus as a potential zoonotic agent in xenotransplantation*. *Transplant Proc*, 1999. **31**(1-2): p. 915.
 39. Ehlers, B., S. Ulrich, and M. Goltz, *Detection of two novel porcine herpesviruses with high similarity to gammaherpesviruses*. *J Gen Virol*, 1999. **80**(Pt 4): p. 971-8.
 40. Ulrich, S., M. Goltz, and B. Ehlers, *Characterization of the DNA polymerase loci of the novel porcine lymphotropic herpesviruses 1 and 2 in domestic and feral pigs*. *J Gen Virol*, 1999. **80**(Pt 12): p. 3199-205.
 41. Simas, J.P. and S. Efstathiou, *Murine gammaherpesvirus 68: a model for the study of gammaherpesvirus pathogenesis*. *Trends Microbiol*, 1998. **6**(7): p. 276-82.
 42. Goltz, M., T. Ericsson, C. Patience, C.A. Huang, S. Noack, D.H. Sachs, and B. Ehlers, *Sequence Analysis of the Genome of Porcine Lymphotropic Herpesvirus 1 and Gene Expression during Posttransplant Lymphoproliferative Disease of Pigs*. *Virology*, 2002. **294**(2): p. 383-93.
 43. Marshall, W.L., C. Yim, E. Gustafson, T. Graf, D.R. Sage, K. Hanify, L. Williams, J. Fingerroth, and R.W. Finberg, *Epstein-Barr virus encodes a novel homolog of the bcl-2 oncogene that inhibits apoptosis and associates with Bax and Bak*. *J Virol*, 1999. **73**(6): p. 5181-5.
 44. Ensser, A., R. Pflanz, and B. Fleckenstein, *Primary structure of the alcelaphine herpesvirus 1 genome*. *J Virol*, 1997. **71**(9): p. 6517-25.
 45. Li, Q., S.M. Turk, and L.M. Hutt-Fletcher, *The Epstein-Barr virus (EBV) BZLF2 gene product associates with the gH and gL homologs of EBV and carries an epitope critical to infection of B cells but not of epithelial cells*. *J Virol*, 1995. **69**(7): p. 3987-94.
 46. Tanner, J., Y. Whang, J. Sample, A. Sears, and E. Kieff, *Soluble gp350/220 and deletion mutant glycoproteins block Epstein-Barr virus adsorption to lymphocytes*. *J Virol*, 1988. **62**(12): p. 4452-64.
 47. Coulter, L.J. and H.W. Reid, *Isolation and expression of three open reading frames from ovine herpesvirus-2*. *J Gen Virol*, 2002. **83**(Pt 3): p. 533-43.
 48. Loken, T., M. Aleksandersen, H. Reid, I. Pow, M. Luppi, G. Torelli, K.E. Weck, S.S. Kim, H.I. Virgin, and S.H. Speck, *Malignant catarrhal fever caused by ovine herpesvirus-2 in pigs in Norway*. *Vet Rec*, 1998. **143**(17): p. 464-7.
 49. Hanichen, T., H.W. Reid, H. Wiesner, and W. Hermanns, *[Malignant catarrhal fever in zoo ruminants]*. *Tierarztl Prax Ausg G Grosstiere Nutztiere*, 1998. **26**(5): p. 294-300.
 50. Schock, A., R.A. Collins, H.W. Reid, M. Luppi, G. Torelli, K.E. Weck, S.S. Kim, H.I. Virgin, and S.H. Speck, *Phenotype, growth regulation and cytokine transcription in Ovine Herpesvirus-2 (OHV-2)-infected bovine T-cell lines*. *Vet Immunol Immunopathol*, 1998. **66**(1): p. 67-81.

51. Dahme, E. and E. Weiss, *Grundriss der speziellen pathologischen Anatomie der Haustiere*. 1988, Stuttgart: Enke Verlag.
52. Albin, S., W. Zimmermann, F. Neff, B. Ehlers, H. Häni, H. Li, D. Hüsey, M. Engels, and M. Ackermann, *Formal identification of ovine gammaherpesvirus 2 as the agent of porcine malignant catarrhal fever by discrimination from genuine porcine gammaherpesviruses*. J Clin Microbiol, zur Veröffentlichung eingereicht.
53. Rovnak, J., S.L. Quackenbush, R.A. Reyes, J.D. Baines, C.R. Parrish, and J.W. Casey, *Detection of a novel bovine lymphotropic herpesvirus*. J Virol, 1998. **72**(5): p. 4237-42.
54. Fleckenstein, B. and R.C. Desrosiers, *Herpesvirus Saimiri and Herpesvirus Ateles*. The Herpesviruses. Vol. 1. 1982, New York: Plenum Press.
55. Ehlers, B., K. Borchers, C. Grund, K. Frolich, H. Ludwig, and H.J. Buhk, *Detection of new DNA polymerase genes of known and potentially novel herpesviruses by PCR with degenerate and deoxyinosine-substituted primers*. Virus Genes, 1999. **18**(3): p. 211-20.
56. VanDevanter, D.R., P. Warrener, L. Bennett, E.R. Schultz, S. Coulter, R.L. Garber, and T.M. Rose, *Detection and analysis of diverse herpesviral species by consensus primer PCR*. J Clin Microbiol, 1996. **34**(7): p. 1666-71.
57. Sui, D., P. Wu, H.J. Kung, and L.F. Lee, *Identification and characterization of a Marek's disease virus gene encoding DNA polymerase*. Virus Res, 1995. **36**(2-3): p. 269-78.
58. Gardella, T., P. Medveczky, T. Sairenji, and C. Mulder, *Detection of circular and linear herpesvirus DNA molecules in mammalian cells by gel electrophoresis*. J Virol, 1984. **50**(1): p. 248-54.
59. Sanger, F., S. Nicklen, and A.R. Coulson, *DNA sequencing with chain-terminating inhibitors*. Proc Natl Acad Sci U S A, 1977. **74**(12): p. 5463-7.
60. Felsenstein, J., *Confidence limits on phylogenies - an approach using the bootstrap*. Evolution, 1985. **39**: p. 783-91.
61. Albrecht, J.C., J. Nicholas, D. Biller, K.R. Cameron, B. Biesinger, C. Newman, S. Wittmann, M.A. Craxton, H. Coleman, B. Fleckenstein, and et al., *Primary structure of the herpesvirus saimiri genome*. J Virol, 1992. **66**(8): p. 5047-58.
62. Chmielewicz, B., M. Goltz, and B. Ehlers, *Detection and multigenic characterization of a novel gammaherpesvirus in goats*. Virus Res, 2001. **75**(1): p. 87-94.
63. Yu, Y., J.B. Black, C.S. Goldsmith, P.J. Browning, K. Bhalla, and M.K. Offermann, *Induction of human herpesvirus-8 DNA replication and transcription by butyrate and TPA in BCBL-1 cells*. J Gen Virol, 1999. **80**(Pt 1): p. 83-90.
64. Renne, R., W. Zhong, B. Herndier, M. McGrath, N. Abbey, D. Kedes, and D. Ganem, *Lytic growth of Kaposi's sarcoma-associated herpesvirus (human herpesvirus 8) in culture*. Nat Med, 1996. **2**(3): p. 342-6.
65. Satoh, T., Y. Hoshikawa, Y. Satoh, T. Kurata, and T. Sairenji, *The interaction of mitogen-activated protein kinases to Epstein-Barr virus activation in Akata cells*. Virus Genes, 1999. **18**(1): p. 57-64.
66. Li, H., J. Keller, D.P. Knowles, and T.B. Crawford, *Recognition of another member of the malignant catarrhal fever virus group: an endemic gammaherpesvirus in domestic goats*. J Gen Virol, 2001. **82**(Pt 1): p. 227-32.
67. Honess, R.W., U.A. Gompels, B.G. Barrell, M. Craxton, K.R. Cameron, R. Staden, Y.N. Chang, and G.S. Hayward, *Deviations from expected frequencies of CpG dinucleotides in herpesvirus*

- DNAs may be diagnostic of differences in the states of their latent genomes. *J Gen Virol*, 1989. **70**(Pt 4): p. 837-55.
68. Lyons, S.D., M.E. Sant, and R.I. Christopherson, *Cytotoxic mechanisms of glutamine antagonists in mouse L1210 leukemia*. *J Biol Chem*, 1990. **265**(19): p. 11377-81.
69. Raftery, M., A. Muller, and G. Schonrich, *Herpesvirus homologues of cellular genes*. *Virus Genes*, 2000. **21**(1-2): p. 65-75.
70. Hall, K.T., M.S. Giles, D.J. Goodwin, M.A. Calderwood, I.M. Carr, A.J. Stevenson, A.F. Markham, and A. Whitehouse, *Analysis of gene expression in a human cell line stably transduced with herpesvirus saimiri*. *J Virol*, 2000. **74**(16): p. 7331-7.
71. Thompson, C.B., *Apoptosis in the pathogenesis and treatment of disease*. *Science*, 1995. **267**(5203): p. 1456-62.
72. Rosenkilde, M.M., M. Waldhoer, H.R. Lutichau, and T.W. Schwartz, *Virally encoded 7TM receptors*. *Oncogene*, 2001. **20**(13): p. 1582-93.
73. Pati, S., M. Cavrois, H.G. Guo, J.S. Foulke, Jr., J. Kim, R.A. Feldman, and M. Reitz, *Activation of NF-kappaB by the human herpesvirus 8 chemokine receptor ORF74: evidence for a paracrine model of Kaposi's sarcoma pathogenesis*. *J Virol*, 2001. **75**(18): p. 8660-73.
74. Cesarman, E., R.G. Nador, F. Bai, R.A. Bohenzky, J.J. Russo, P.S. Moore, Y. Chang, and D.M. Knowles, *Kaposi's sarcoma-associated herpesvirus contains G protein-coupled receptor and cyclin D homologs which are expressed in Kaposi's sarcoma and malignant lymphoma*. *J Virol*, 1996. **70**(11): p. 8218-23.
75. Cohen, J.I., *Epstein-Barr virus infection*. *N Engl J Med*, 2000. **343**(7): p. 481-92.
76. Fickenscher, H. and B. Fleckenstein, *Herpesvirus saimiri*. *Philos Trans R Soc Lond B Biol Sci*, 2001. **356**(1408): p. 545-67.
77. Kaeffer, B., E. Bottreau, L. Phan Thanh, M. Olivier, and H. Salmon, *Histocompatible miniature, boar model: selection of transformed cell lines of B and T lineages producing retrovirus*. *Int J Cancer*, 1990. **46**(3): p. 481-8.
78. Chmielewicz, B., M. Goltz, T. Franz, C. Bauer, S. Brema, H. Ellerbrok, S. Beckmann, H.-J. Rziha, K.-H. Lahrmann, C. Romero, and B. Ehlers, *A novel porcine gammaherpesvirus*. *Virology*, zur Veröffentlichung eingereicht.
79. Swa, S., H. Wright, J. Thomson, H. Reid, and D. Haig, *Constitutive activation of Lck and Fyn tyrosine kinases in large granular lymphocytes infected with the gamma-herpesvirus agents of malignant catarrhal fever*. *Immunology*, 2001. **102**(1): p. 44-52.
80. Schock, A. and H.W. Reid, *Characterisation of the lymphoproliferation in rabbits experimentally affected with malignant catarrhal fever*. *Vet Microbiol*, 1996. **53**(1-2): p. 111-9.
81. Vieira, J., P. O'Hearn, L. Kimball, B. Chandran, and L. Corey, *Activation of Kaposi's sarcoma-associated herpesvirus (human herpesvirus 8) lytic replication by human cytomegalovirus*. *J Virol*, 2001. **75**(3): p. 1378-86.
82. Groves, A.K., M.A. Cotter, C. Subramanian, and E.S. Robertson, *The latency-associated nuclear antigen encoded by Kaposi's sarcoma-associated herpesvirus activates two major essential Epstein-Barr virus latent promoters*. *J Virol*, 2001. **75**(19): p. 9446-57.
83. Flamand, L., I. Stefanescu, D.V. Ablashi, and J. Menezes, *Activation of the Epstein-Barr virus replicative cycle by human herpesvirus 6*. *J Virol*, 1993. **67**(11): p. 6768-77.
84. Palu, G., L. Benetti, and A. Calistri, *Molecular basis of the interactions between herpes simplex viruses and HIV-1*. *Herpes*, 2001. **8**(2): p. 50-5.

85. Kubota, S., Y. Mukudai, T. Hattori, T. Eguchi, S. Kondo, and M. Takigawa, *Cell-type-specific trans-activation of herpes simplex virus thymidine kinase promoter by the human T-cell leukemia virus type I Tax protein*. DNA Cell Biol, 2001. **20**(9): p. 563-8.
86. Caselli, E., P. Menegazzi, A. Bracci, M. Galvan, E. Cassai, and D. Di Luca, *Human herpesvirus-8 (Kaposi's sarcoma-associated herpesvirus) ORF50 interacts synergistically with the tat gene product in transactivating the human immunodeficiency virus type 1 LTR*. J Gen Virol, 2001. **82**(Pt 8): p. 1965-70.
87. Mercader, M., B.J. Nickoloff, and K.E. Foreman, *Induction of human immunodeficiency virus 1 replication by human herpesvirus 8*. Arch Pathol Lab Med, 2001. **125**(6): p. 785-9.
88. Sugawara, Y., M. Makuuchi, N. Kato, K. Shimotohno, K. Takada, A.K. Groves, M.A. Cotter, C. Subramanian, and E.S. Robertson, *Enhancement of hepatitis C virus replication by Epstein-Barr virus-encoded nuclear antigen 1*. Embo J, 1999. **18**(20): p. 5755-60.
89. Goltz, M., F. Widen, M. Banks, S. Belak, and B. Ehlers, *Characterization of the DNA polymerase loci of porcine cytomegaloviruses from diverse geographic origins*. Virus Genes, 2000. **21**(3): p. 249-55.
90. Hussy, D., N. Stauber, C.M. Leutenegger, S. Rieder, and M. Ackermann, *Quantitative fluorogenic PCR assay for measuring ovine herpesvirus 2 replication in sheep*. Clin Diagn Lab Immunol, 2001. **8**(1): p. 123-8.
91. Zoetewij, J.P., A.V. Moses, A.S. Rinderknecht, D.A. Davis, W.W. Overwijk, R. Yarchoan, J.M. Orenstein, and A. Blauvelt, *Targeted inhibition of calcineurin signaling blocks calcium-dependent reactivation of Kaposi sarcoma-associated herpesvirus*. Blood, 2001. **97**(8): p. 2374-80.
92. van der Meulen, K.M., H.J. Nauwynck, and M.B. Pensaert, *Mitogen stimulation favours replication of equine herpesvirus-1 in equine blood mononuclear cells by inducing cell proliferation and formation of close intercellular contacts*. J Gen Virol, 2001. **82**(Pt 8): p. 1951-7.
93. Nazerian, K., *Further studies on the replication of Marek's disease virus in the chicken and in cell culture*. J Natl Cancer Inst, 1971. **47**(1): p. 207-17.
94. Kato, S., Y. Akiyama, and N. Iwa, *Continuous cell culture from lymphoma of Marek's disease*. Bibl Haematol, 1975(40): p. 593-7.
95. Nikiforow, S., K. Bottomly, and G. Miller, *CD4+ T-cell effectors inhibit Epstein-Barr virus-induced B-cell proliferation*. J Virol, 2001. **75**(8): p. 3740-52.
96. Gao, X., K. Ikuta, M. Tajima, and T. Sairenji, *12-O-tetradecanoylphorbol-13-acetate induces Epstein-Barr virus reactivation via NF-kappaB and AP-1 as regulated by protein kinase C and mitogen-activated protein kinase*. Virology, 2001. **286**(1): p. 91-9.
97. Fenton, M. and A.J. Sinclair, *Divergent requirements for the MAPK(ERK) signal transduction pathway during initial virus infection of quiescent primary B cells and disruption of Epstein-Barr virus latency by phorbol esters*. J Virol, 1999. **73**(10): p. 8913-6.
98. Bishop-Bailey, D., S.W. Larkin, T.D. Warner, G. Chen, and J.A. Mitchell, *Characterization of the induction of nitric oxide synthase and cyclo-oxygenase in rat aorta in organ culture*. Br J Pharmacol, 1997. **121**(1): p. 125-33.
99. Strauss, G., W. Osen, and K.M. Debatin, *Induction of apoptosis and modulation of activation and effector function in T cells by immunosuppressive drugs*. Clin Exp Immunol, 2002. **128**(2): p. 255-66.
100. Boeker, M., R. Pabst, and H.J. Rothkotter, *Quantification of B, T and null lymphocyte subpopulations in the blood and lymphoid organs of the pig*. Immunobiology, 1999. **201**(1): p. 74-87.

101. Denham, S., M. Shimizu, A.T. Bianchi, R.J. Zwart, M.M. Carr, and R.M. Parkhouse, *Monoclonal antibodies recognising differentiation antigens on porcine B cells*. Vet Immunol Immunopathol, 1994. **43**(1-3): p. 259-67.
102. Yang, H. and R.M. Parkhouse, *Phenotypic classification of porcine lymphocyte subpopulations in blood and lymphoid tissues*. Immunology, 1996. **89**(1): p. 76-83.
103. Trinchieri, G., *Biology of natural killer cells*. Adv Immunol, 1989. **47**: p. 187-376.
104. Davis, W.C., F.A. Zuckermann, M.J. Hamilton, J.I. Barbosa, A. Saalmuller, R.M. Binns, and S.T. Licence, *Analysis of monoclonal antibodies that recognize gamma delta T/null cells*. Vet Immunol Immunopathol, 1998. **60**(3-4): p. 305-16.
105. Saalmuller, A. and J. Bryant, *Characteristics of porcine T lymphocytes and T-cell lines*. Vet Immunol Immunopathol, 1994. **43**(1-3): p. 45-52.
106. Wollen, A.L., R. Sandvei, S. Mork, J.L. Marandon, and R. Matre, *In situ characterization of leukocytes in the fallopian tube in women with or without an intrauterine contraceptive device*. Acta Obstet Gynecol Scand, 1994. **73**(2): p. 103-12.
107. Hayashi, T., H. Utoh, Y. Nonaka, T. Suzuki, T. Nomura, Y. Sasajima, and S. Mori, *[Null-cell non-Hodgkin's lymphoma presenting with a mass in the chest wall after tuberculous pyothorax]*. Rinsho Ketsueki, 1993. **34**(12): p. 1562-7.
108. Hayamizu, K., H. Yahata, Y. Fukuda, and K. Dohi, *Induction of natural suppressor-like cells from human adult peripheral blood lymphocytes by a K562-derived factor*. Transplantation, 1993. **55**(6): p. 1403-8.
109. Yano, T., M. Murata, T. Ishida, T. Mitsudomi, G. Kimura, K. Sugimachi, and K. Nomoto, *Phenotypic characterization of lymphokine-activated killer cells from human lymph node lymphocytes*. Cell Immunol, 1989. **122**(2): p. 578-84.
110. Nakayama, T., R. Fujisawa, D. Izawa, K. Hieshima, K. Takada, and O. Yoshie, *Human B cells immortalized with Epstein-Barr virus upregulate CCR6 and CCR10 and downregulate CXCR4 and CXCR5*. J Virol, 2002. **76**(6): p. 3072-7.
111. Hirata, Y., K. Kondo, and K. Yamanishi, *Human herpesvirus 6 downregulates major histocompatibility complex class I in dendritic cells*. J Med Virol, 2001. **65**(3): p. 576-83.
112. Pajic, A., M.S. Staeger, D. Dudziak, M. Schuhmacher, D. Spitkovsky, G. Eissner, M. Brielmeier, A. Polack, and G.W. Bornkamm, *Antagonistic effects of c-myc and Epstein-Barr virus latent genes on the phenotype of human B cells*. Int J Cancer, 2001. **93**(6): p. 810-6.
113. Miller, D.M., C.M. Cebulla, B.M. Rahill, and D.D. Sedmak, *Cytomegalovirus and transcriptional down-regulation of major histocompatibility complex class II expression*. Semin Immunol, 2001. **13**(1): p. 11-8.
114. Hunt, H.D., B. Lupiani, M.M. Miller, I. Gimeno, L.F. Lee, and M.S. Parcells, *Marek's disease virus down-regulates surface expression of MHC (B Complex) Class I (BF) glycoproteins during active but not latent infection of chicken cells*. Virology, 2001. **282**(1): p. 198-205.
115. Ishido, S., C. Wang, B.S. Lee, G.B. Cohen, and J.U. Jung, *Downregulation of major histocompatibility complex class I molecules by Kaposi's sarcoma-associated herpesvirus K3 and K5 proteins*. J Virol, 2000. **74**(11): p. 5300-9.
116. Ambagala, A.P., S. Hinkley, and S. Srikumaran, *An early pseudorabies virus protein down-regulates porcine MHC class I expression by inhibition of transporter associated with antigen processing (TAP)*. J Immunol, 2000. **164**(1): p. 93-9.

117. Zeidler, R., G. Eissner, P. Meissner, S. Uebel, R. Tampe, S. Lazis, and W. Hammerschmidt, *Downregulation of TAP1 in B lymphocytes by cellular and Epstein-Barr virus-encoded interleukin-10*. *Blood*, 1997. **90**(6): p. 2390-7.
118. Poole, L.J., Y. Yu, P.S. Kim, Q.Z. Zheng, J. Pevsner, and G.S. Hayward, *Altered patterns of cellular gene expression in dermal microvascular endothelial cells infected with Kaposi's sarcoma-associated herpesvirus*. *J Virol*, 2002. **76**(7): p. 3395-420.
119. Lee, B.S., X. Alvarez, S. Ishido, A.A. Lackner, and J.U. Jung, *Inhibition of intracellular transport of B cell antigen receptor complexes by Kaposi's sarcoma-associated herpesvirus K1*. *J Exp Med*, 2000. **192**(1): p. 11-21.
120. Prichard, M.N., M.E. Penfold, G.M. Duke, R.R. Spaete, and G.W. Kemble, *A review of genetic differences between limited and extensively passaged human cytomegalovirus strains*. *Rev Med Virol*, 2001. **11**(3): p. 191-200.
121. Gulley, M.L., M. Raphael, C.T. Lutz, D.W. Ross, and N. Raab-Traub, *Epstein-Barr virus integration in human lymphomas and lymphoid cell lines*. *Cancer*, 1992. **70**(1): p. 185-91.
122. Ohshima, K., J. Suzumiya, M. Kanda, A. Kato, and M. Kikuchi, *Integrated and episomal forms of Epstein-Barr virus (EBV) in EBV associated disease*. *Cancer Lett*, 1998. **122**(1-2): p. 43-50.
123. Anisimova, E., A.K. Saemundsen, J. Roubal, V. Vonka, and G. Klein, *Effects of n-butyrate on Epstein-Barr virus-carrying lymphoma lines*. *J Gen Virol*, 1982. **58**(Pt 1): p. 163-71.
124. Ernberg, I. and M.H. Moar, *Induction of Epstein-Barr virus early antigen, virus capsid antigen and virus DNA synthesis by mitomycin C*. *J Gen Virol*, 1981. **52**(Pt 1): p. 39-48.