

## **7. Literaturverzeichnis**

- Amadori, A., Silvestro, G. u.a. (1992): CD4 epitope masking by gp 120/anti gp120 antibody complexes: a potential mechanism for CD4+ cellfunction down regulation in AIDS patients. *J Immunol* 148: 2709-2716.
- Ambruso, D.R., Johnston, R.B. u.a. (1981): Lactoferrin enhances hydroxyl radical production by human neutrophils, neutrophilic particulate fractions, and an enzymatic generating system. *J Clin Invest* 67: 352-360.
- Armstrong, W.E. (1991): Ultrastructure and significance of the lymphoid tissue lesions in HIV infection. In *Accessory Cells in HIV and other retroviral infections*. Basel: Karger, 69-82.
- Ameisen, J.C., Capron, A. (1991): Cell dysfunction and depletion in AIDS: the programmed cell death hypothesis. *Immunol Today* 12: 102-105.
- Ascher, M.S., Sheppard, H.W. (1988): AIDS as immune system activation, a model for pathogenesis. *Clin Exp Immunol* 73: 165-167.
- Ascher, M.S., Sheppard, H.W. (1990): AIDS as immune system activation. The panergic immnesia hypothesis. *J Aids* 3: 177-191.
- Banda, N.K., Bermer, J. u.a. (1992): Crosslinking CD4 by immunodeficiencyvirus gp 120 primes T cells for activation induced apoptosis. *J Exp Med* 176:1099-1106.
- Bandres, J.C., Trial, J. u.a. (1993): Increased phagocytosis and generation of reactive oxygen products by neutrophils and monocytes of men with stage 1 human immunodeficiency virus infection. *The Journal of Infectious Diseases* 168: 75-83.
- Bames, P.F., Mistry, S.D. u.a. (1989): Compartmentalization of a CD4+ T lymphocyte subpopulation in tuberculosis pleuritis. *J Immunol* 142: 1114-1119.
- Berke, J. (1989): Function and mechanism of lysis induced by cytotoxic T-lymphocytes and natural killer cells *Fundamental Immunology*, New York, Raven Press: 735-764.
- Beutler, B., Cerami, A. u.a. (1987): Cachectin: more than a tumor necrosis factor. *N Engl J Med* 316: 379-385.
- Biberfeld, G., Brown, F. u.a. (1987): Histopathology and Immunohistologie of HTLV-III/LAV related lymphadenopathie and AIDS. *Acta Path Microbiol Immunol Scand* 95: 47-65.
- Birx, D., Brundage, J. u.a. (1993): The prognostic utility of delayed-type hypersensitivity skin testing in the evaluation of HIV-infected patients. *J Acquir Immune Defic Syndr* 6:1248-1257.

- Blatt, S.P., Hendrix, C.W. u.a. (1993): Delayed-type hypersensitivity skin testing predicts progression to AIDS in HIV infected-patients. *Ann Intern Med* 119: 177-184.
- Canessa, A., Pistoia, V. u.a. (1988): An in vitro model for toxoplasma infection in man. Interaction between CD4+ monoclonal T-cells and makrophages results in killing trphozomites. *J Immunol* 140: 3580-3588.
- Caracciolo, D., Clark, S. u.a. (1989): Human interleukin-6 supports granulocytic differentiation of hematopoetic progenitor cells and act synergistically with GM-CSF. *Blood* 73:66-670.
- Chakrabarti, L., Isola, P. u.a. (1994): Early stages of simian immunodeficiency virus infection in lymph nodes. *Am J Pathol* 144: 1226-1237.
- Clark, R.E., Ismail, S.A.D. u.a. (1987): The human hematopoetic stimulating factors. *Science* 236: 1229-1237.
- Clark, W., Ostergaard, H. u.a. (1988): Molecular mechanism of CTL-mediated lysis: a cellular perspective. *Immunol Rev* 103: 37-51.
- Clark, S.J., Saag, M.S. u.a. (1991): High titers of cytopathic virus in plasma of patients with symptomatic primary HIV-1 infection. *New Engl J Med* 324: 954-960.
- Clouse, K., Cosentino, L. u.a. (1991): The HIV-1 gp 120 envelope protein has the intrinsic capacity to stimulate monokine sekretion. *The Journal of Immunology* 147: 2892-2901.
- Coleman, D.L., Ruef, C. (1988): Granulozyte-makrophage colony-stimulating factor enhances elective effector functions of tissue derived macrophages. *Blood* 72: 573-578.
- Daar, E.S., Moudgil, T. u.a. (1991): Transient high levels of viremia in patients with primary human immunodeficiency type 1 infection. *New Engl J Med* 324: 961-964.
- Dale, L. (1975): Comparison of agents producing a neutrophilic leukocytosis in man. *J Clin Invest* 56:, 808-813.
- Damle, L. (1989): Antigen specific supressor T lymphocytes in man. *Clin Immunol Immunopathol* 53: 17-24.
- De Libero, G., Flesch, I. u.a. (1988): Mycobacteria-reactive Lyt-2+ T cell lines. *Eur J Immunol* 18: 59-66.
- Dennis, P.B. (1990): Granulocyte-Makrophage Colony-Stimulating Factor restricts growth of tubercle bacilli in human makrophages. *Immunol Let* 24: 203-206.
- Dessypris, E.N., Chuncarunnee, S. u.a. (1990): Thrombopoiesis stimulating factor: its effects on megakaryocyte colony formation in vitro and its relation to human

granulocyte-makrophage colony-stimulating factor. *Exp Hematol* 18: 754-757.

- Dickover, R.E., Dillon, M. u.a. (1994): Rapid increases in load of immunodeficiency virus correlate with early disease progression and loss of CD4 cells in vertically infected infants. *J. Infect. Dis.* 170 (5): 1279-1284.
- Dinareello, C.A. (1984): Interleukin-1 and the pathogenesis of acute-phase response. *N Engl J Med* 311: 1413-1418.
- Di Persio, M. (1991): Characterization of the soluble human granulocyte- makrophage colony-stimulating factor receptor complex. *J Biol Chem* 266: 279-286.
- Dukes, C.S., Matthews, T.J. u.a. (1993): Human immunodeficiency virus type 1 infection of human monocytes and macrophages does not alter their ability to generate an oxidative burst. *The Journal of Infectious Diseases* 168: 459-462.
- Duhrsen, U., Villeval, J.L. (1988): Effects of recombinant human granulocyte colony-stimulating factor on hematopoietic progenitor cells in cancer patients. *Blood* 72: 2074-2081.
- Ellenberg, S., (1991): Surrogate endpoints in clinical trials: getting closer to identifying markersto survival in AIDS. *Br Med J* 302: 63-64.
- Ellis, M., Gupta, S. u.a. (1988): Impairment of neutrophil function in patients with AIDS or AIDS-related complex: A comprehensive evaluation. *The Journal of Infectious Diseases* 158: 1268-1276.
- Embretson, J., Zupancic, M. u.a. (1993): Massive covert infection of helper T-lymphocytes and macrophages by HIV during the incubation period of AIDS. *NATURE* 362: 359-362.
- Emilie, D., Peuchmaur, M. u.a. (1990): Production of interleukins in human Immunodeficiency virus-1 -replicating lymph nodes. *J Clin Invest* 86:148-159.
- Engleman, E.G., Benike, C.J. (1983): Blocking of human T-lymphocyte functions by ant-leu-2 and ant-leu-3 antibodies: differential inhibition of proliferation and supression. *J Immunol* 130: 2623-2628.
- English, D., Rizzo, M.T. u.a. (1989): Involvement of guanine nucleotides in superoxide release by fluoride treated netrophils. Implications for a role of a guanine nucleotide regulatory protein. *J Immunol* 143: 1685-1691.
- Fauci, A.S., Schnittmann, S.M. u.a. (1991): Immunopathogenic mechanisms in human immunodeficiency virus (HIV): infection. *Ann intern Med* 114: 678-693.
- Fahey, J., Taylor, J. u.a. (1990):The prognostic value of cellular and serologic markers in infection with human immunodeficiency virus type 1. *N Engi J Med* 322: 166-172.

- Flanigan, T., Whalen, C. u.a. (1992): Cryptosporidium infection and CD4 counts. *Ann Intern Med* 116: 840-842.
- Fox, C.H., Tenner-Racz, K. u.a. (1991): Lymphoid germinal centers are reservoirs of human immunodeficiency virus type 1 RNA. *Infect Dis* 164: 1051-1057.
- Francki, K. (1991): Classification and nomenclature of viruses, fifth report of the international committee on taxonomy of viruses. *Archives of Virology, Supplement* 2:1-45.
- Gabrillovich, D., Kozhich, A. u.a. (1991-1): The synthetic peptide from HIV increases functional activity of granulocytes in healthy subjects. *Aids* 5: 889-892.
- Gabrillovich, D., Vassilev, V. u a. (1991-2): Presence of HIV DNA in neutrophils and relations to the functional activity of these cells. *AIDS* 6: 134-136.
- Gabrillovich, D., Shepeleva, G.K. u.a. (1992-1): Mononuclear cells from HIV- infected patients produce factors which enhance functional activity of polymorphonuclear neutrophils from healthy subjects. *Clin Exp Immunol*, 89: 362-368.
- Gabrillovich, D., Avdeeva, L:A: u.a. (1992-2): Impact of HIV-positive sera on the functional activity of polymorphonuclear neutrophils from healthy donors. *Scand J Immunol* 37: 159-164.
- Gabrillovich, D., Ivanova, L. u.a. (1994): Clinical significance of neutrophil functional activity in HIV infection. *Scand J Infect* 26: 41-47.
- Gallin, J.L. (1984): Neutrophil specific granules: a fuse that ignites the inflammatory response. *Clin Res* 32: 320-328.
- Garry, R.F. (1989): Potential mechanism for the cytopathic properties of HIV. *AIDS* 3: 683-694.
- Gasson, J.C., Weissbart, R.H. (1984): Purified human granulocyte- macrophage colony-stimulating factor: direct action on neutrophils. *Science* 226:1339-1342.
- Gillis, G. (1989) Tcell derived lymphokines. *Fundamental Immunology*, New York, Raven Press, 621-638.
- Golding, H., Robey, F:A: u.a. (1988): Identification of homologous regions in human immunodeficiency virus 1 gp41 and human MHC class II beta 1 domain. Monoclonal antibodies against the gp41-derived peptide and patients' sera react with native HLA class II antigens, suggesting a role for autoimmunity in pathogenesis of acquired immunodeficiency syndrome. *J Exp med* 167: 914-923.
- Golding, H., Shearer, G:M:u.a. (1989): Common epitope in human immunodeficiency virus (HIV): GP41 and HLA class II elicits immunosuppressive autoantibodies capable of contributing to immune dysfunction in HIV-1 infected individuals. *J Clin Invest* 83:1430-1435.

- Gordin, F., Hartigan, P. u.a. (1994): Delayed-type hypersensitivity skin tests are an independent predictor of human immunodeficiency virus disease progression. *J Infect Dis* 169:893-897.
- Graziosi, C., Pantaleo, G. u.a. (1993): Kinetics of HIV DNA and RNA synthesis during primary HIV-1 infection. *Proc Natl Acad Sci USA* 90: 6505-6509.
- Griffin, J.D., Young, D. u.a. (1990): The biology of GM-CSF. *Int J Cell Cloning* 8 Suppl 1: 35-44.
- Groux, H., Torpier, G. u.a. (1992): Activation-induced death by apoptosis in CD4+ T cells from human immunodeficiency virus-infected asymptomatic individuals. *J Exp Med* 175: 331-340.
- Hammond, W.P., Price, T.H. u.a. (1989): Treatment of cyclic neutropenia with recombinant granulocyte-stimulating factor. *N Engl J Med* 320: 1306-1311.
- Horiguchi, J., Warren, M.K. (1987): Expression of the macrophage-specific colony-stimulating factor in human monocytes treated with granulocyte-macrophage colony-stimulating factor. *Blood* 69: 1259-1261.
- Hunninghake, G.W., Chrystal, R.G. (1981): Mechanism of hypergammaglobinemia in pulmonary sarcoidosis: site of increased antibody production and role of T-lymphocytes. *J Clin Invest* 67: 86-92.
- Janeway, C.A., Carding, S. u.a. (1988): CD4+ T cells: specificity and function. *Immunol Rev* 101: 39-80.
- Jenne, D.E., Tschopp, J. (1988): Granzymes a family of serine proteases released from granules of cytotoxic T lymphocytes. *Immunol Rev* 103: 53-71.
- Kanakura, Y., Druker, B. u.a. (1990): Signal transduction of the human granulocyte-macrophage colony-stimulating factor and interleukin-3 receptors involves tyrosine phosphorylation of a common set of cytoplasmic proteins. *Blood* 76: 706-715.
- Kapp, A., Zeck-Kapp, G. (1990): Activation of the oxidative metabolism in human polymorphonuclear neutrophilic granulocytes: The role of immunomodulating cytokines. *J Invest Dermatol* 95: 94-99.
- Kaufmann, S.H. (1988): CD8+ T lymphocytes in intracellular microbial infections. *Immunol Today* 9: 168-174.
- Klatzman, D., Champagne, E. u.a. (1984): T-lymphocyte T4 molecules behave at the receptor for human retrovirus LAV. *Nature* 312: 767-768.
- Klebanov, S.J., Vadas, M. u.a. (1986): Stimulation of neutrophils by tumor necrosis factor. *J. Immunol* 136: 4220-4225.

- Kodo, H., Tajika, K. (1988): Acceleration of neutrophilic granulocyte recovery after bone-marrow transplantation by administration of recombinant human granulocyte colony-stimulating factor. *Lancet* 2:38-39.
- Kovacs, J.A., Kovacs, A.A. u.a. (1985): Cryptococcosis in the acquired immunodeficiency syndrome. *Ann Intern Med* 103: 533-538.
- Kownatzki, E., Kapp, A. u.a. (1988): Modulation of human neutrophilic granulocyte functions by recombinant tumor necrosis factor and recombinant human lymphotoxin. Promotion of adherence, inhibition of chemotactic migration and superoxide anion release from adherent cells. *Clin Exp Immunology*, 74: 143-148.
- Konopka, K., Pretzer, E. u.a. (1993): Long-term noncytopathic productive infection of the human monocytic leukemia cell line THP-1 by human immunodeficiency virus typ1 (HIV-13b). *Virology* 193: 877-887.
- Lang, J.M., Coumaros, G. u.a. (1988): Elevated serum levels of soluble IL-2 receptor in HIV infection: correlation studies with markers of cell activation. *Immunol Lett* 19: 99-107.
- Laurent- Crawford, A.G., Krust, B. u.a. (1991): The cytopathic effect of HIV is associated with apoptosis. *Virology* 185: 829-839.
- Lazzarin, A., Fopp, L. u.a. (1986): Impairment of polymorphonuclear leucocyte function in patients with acquired immunodeficiency syndrome and with lymphadenopathy syndrome. *Clin Exp Immunol* 65: 105-111.
- Van Leeuwen, B.H., Martinson, M.E. (1989): Molecular organization of the cytokine cluster, involving the human IL-3, EL-4, DL-5 and GM-CSF genes on human chromosome 5. *Blood* 73: 1142-1148.
- Lifson, A.R., Hessel, N.A. u.a. (1986): AIDS retrovirus induced cytopathicity: giant cell formation and involvement of CD4 antigen. *Science* 232: 1123-1127.
- Lifson, A.R., Hessel, N.A. u.a. (1992): Serum B-2 microglobulin and prediction of progression to AIDS in HIV infection. *Lancet* 339: 1436-1440.
- Linette, G.P., Hartzman, R.J. u.a. (1988): HIV-1 infected T cells show a selective signaling defect after perturbation CD3/antigen receptor. *Science* 241: 573-576.
- Lopez, A.F., Williamson, D.J. u.a. (1986): Recombinant granulocyte-makrophage colony-stimulating factor stimulates in vitro mature human neutrophil and eosinophil function, surface receptor expression and survival. *J Clin Invest* 78: 1220-1228.
- LUSO, P. (1994): Human herpesvirus-6 in AIDS. *Lancet* 343: 555-556.
- Mac Donell, K., Chmiel, J. u.a. (1990): Predicting progression to AIDS. Combined usefulness of CD4 lymphocyte counts and p24 antigenemia. *Am J Med* 89: 706-712.

- Mc Coll, S., Beauseigle, D. u.a. (1990): Priming of the human neutrophil respiratory burst by granulocyte-makrophage colony-stimulating factor and tumor necrosis factor alpha involves regulation at a post-cell surface receptor level. *J of Immun* 145: 3047-3053.
- Melbye, M., Biggar, R.J. (1990): Sexuall transmission of hepatitis C virus: cohort study (1981-9): among european homosexual men. *Lancet* 301: 210-212.
- Melmed, R, Taylor, J. u.a. (1989): Serum neopterin changes in HIV-infected subjects: indicator of significant pathology, CD4 T-cell changes, and the development of AIDS. *J Acquir Immune Defic Syndr* 2: 70-76.
- Meurer, D. (1982): Clonal analysis of human cytotoxic T lymphocytes: T4+ and T8+ effector T cells recognize products of different major histocompatibility complex regions. *Proc Nati Acad Sci USA* 79: 4395-4399.
- Montagnier, L., Blanchard, A. (1993): Mycoplasmas as cofactors in infection due to the human immunodeficiency virus. *Clin Infect Dis* 1: 309-315.
- Morstyn, G., Lieschke, G.J. (1989): Clinical experience with recombinant human granulocyte colony-stimulating factor and granulocyte makrophage-colony-stimulating factor. *Semin Hematol* 26: 9-13.
- Murphy, P.M.,LANE, H.C. (1988): Impairment of neutrophil bactericidal capacity in patients with AIDS. *The Journal of Infectious Diseases* 158: 627-630.
- Nathan, C.F. (1989): Respiratory burst in adherent human neutrophils Triggering by colony-stimulating factors CSF-GM and CSFG. *Blood*, 73: 301-306.
- Neumann, C.S. (1990): Granulocyte-makrophage colony-stimulating factor increases synthesis and expression of CR1 and CR3 by human peripheral blood neutrophils. *J Immunol* 145:3325-3332.
- Nasmith, P.E., Mills, G.B. u.a. (1989): Guanine nucleotides induce tyrosine phosphorylation and activation of the respiratory burst in neutrophils *Biochem J* 257: 893 -897.
- Nishizuka, Y. (1984): The role of protein kinase c in cell surface signal transduction and tumour promotion. *Nature* 308: 693-698.
- Nishizuka, Y. (1986): Studies and perspectives of protein kinase c. *Science* 233: 305-312.
- Nishizuka, Y. (1988): The molecular heterogeneity of protein kinase c and its implications of cellular regulation. *Nature* 334: 661-665.
- Nielsen, H., Kharazmi, A. u.a. (1986): Blood monocyte and neutrophil functions in the acquired immune deficiency syndrome. *Scand J Immunol* 24: 291-296.
- Nokta, M., Hassan, M. u.a. (1994): Protein kinase c and intracellular ca<sup>++</sup>: relationship to human immunodeficiency virus (HIV): induced cellular hyporesponsivness. *Proc Soc Exp Biol Med* 207: 284-291.

- Nottet, H.S., de Graef, L. u.a. (1993): Phagocytic function of monocyte- derived macrophages is not affected by human immunodeficiency virus type 1 infection. *The Journal of Infectious Diseases* 168: 84-91.
- Omman, G.M., Allen, R.A. (1987): Signal transduktion and cytoskeletal activation in the neutrophil. *Physiol Rev* 67: 285-322.
- Omella, D. (1987): Guanosin 5'-0-(thiotriphosphat)- dependent inositol triphosphate formation in membranes is inhibited by phorbol ester and protein kinase c. *J Biol Chem* 262: 1638-1643.
- Pantaleo, G., König,S. u.a. (1990): Defective clonogenic potential of CD8+ T lymphocytes in patients with AIDS. *J Immunol* 144: 1696-1704.
- Pantaleo, G., Graziosi, C. u.a. (1991): Lymphoid organs function as major reservoirs for human immunodeficiency virus. *Proc Natl Acad Sci USA* 88: 9838-9842.
- Pantaleo, G., Graziosi, C. u.a. (1993-1): The immunopathogenesis of human immunodeficiency virus infection. *New Engl J Med* 328: 327-335.
- Pantaleo, G., Graziosi, C. u.a. (1993-2): The role of lymphoid organism in the immunopathogenesis of HIV infection. *Sem Immunol* 5: 157-163.
- Pantaleo, G., Graziosi, C. u.a. (1993-3): The role of lymphoid organism in the immunopathogenesis of HIV infection. *Aids* 7: 19-23.
- Pantaleo, G., Fauci, A.S. (1994): Tracking HIV during disease progression. *Curr Opin Immunol* 6: 600-604.
- Pantaleo, G., Fauci, A.S. (1995): New concepts in the immunopathogenesis of HIV infection. *Annu Rev Immunol* 13: 487-512.
- Parrot, K. (1981): Lymphocyte locomotion and migration. *Prog Allergy* 28: 193-284.
- Paul, N.L., Ruddle, N.H. (1988): Lymphotoxin *Annu Rev Immunol* 6: 407-438.
- Peschel, C., Paul, W:E. u.a. (1987): Effects of B cell stimulatory factor-1/ interleukin-4 on hematopoietic progenitor cells. *Blood* 70: 254-263.
- Pick, E. (1986): Microassays for Superoxide and Hydrogen Peroxide Production and Nitroblue Tetrazolium Reduction using an enzyme Immunoassay Microplate reader. *Methods in Enzymology* 132: 407-421.
- Pinkston, P., Bittermann, P.B. u.a. (1983): Spontaneous release of Interleukin-2 by lung T - lymphocytes in active pulmonary sarcoidosis. *N Engl J Med* 308: 793-800.
- Polis, M.,Masur, H. (1990): Predicting the progression to AIDS. *Am J Med* 89: 701-705.



- Poli, B., Bottazzi, R. u.a. (1985): Monocyte function in intravenous drug abusers with lymphadenopathy syndrome and in patients with acquired immunodeficiency syndrome: Selective impairment of chemotaxis. *Clin Exp Immunol* 62: 136-142.
- Reed, G., Nathan, C. u.a. (1987): Recombinant Granulocyte-Macrophage Colony-Stimulating Factor activates macrophages to inhibit *Trypanosoma Cruzi* and release hydrogen peroxide. *J Exp Med* 166: 1734-1746.
- Reed, G., Janik, J. u.a. (1990): Recombinant Granulocyte-Macrophage Colony- Stimulating Factor restores deficient immune responses in mice with chronic *Trypanosoma cruzi* infections. *J Immunol* 145:1564-1570.
- Reimann, K.A., Tenner-Racz, K. u.a. (1994): Immunopathogenic events in acute infections of Rhesus monkeys with simian immunodeficiency virus of Macaques. *J Virol* 68:2362-2370.
- Reinherz, E.L., Kung, P.L. u.a. (1979): Further characterization of the human inducer T-cell subset defined by monoclonal antibody. *J Immunol* 123: 2894-2896.
- Rennick, D., Jackson, J. u.a. (1989): Interleukin-6 interacts with interleukin-4 and other hematopoietic growth factors to selectively enhance the growth of mega- karyocytic, erythroid, myeloid, and multipotential progenitor cells. *Blood* 73: 1828-1835.
- Rossi, F. (1986): The  $O_2^-$  forming NADPH oxidase of the phagocytes: Nature, mechanism of activation and function. *Biochem Biophys Acta* 853: 65-89.
- Safrit, J.T., Andrews, C.A. u.a. (1994): Characterization of Human immunodeficiency virus type 1 specific cytotoxic T lymphocyte clones isolated during acute seroconversion: recognition of autologous virus sequences within a conserved immunodominant epitope. *J Exp Med* 179: 463-72.
- Saksela, K., Stevens, C. u.a. (1994): Human immunodeficiency type 1 mRNA expression in peripheral blood predicts disease progression independently of the numbers of CD4+ lymphocytes. *Proc Natl Acad Sci* 91: 1104-1108.
- Schellekens, P., Roos, M. u.a. (1990): Low T-cell responsiveness to activation via CD3/TCR is a prognostic marker for acquired immunodeficiency syndrome (AIDS): in human immunodeficiency virus-1 (HIV-1): -infected men. *J Clin Immunol* 10: 121-127
- Schnittman, S.M. Greenhouse, J.J. u.a. (1989): The reservoir of HIV-1 in peripheral human blood is a T cell that maintains expression of CD4. *Science* 245: 305-308.
- Seifert, R., Hilgenstock, G., u.a. (1991): Regulation of the superoxide forming NADPH oxidase of human neutrophils is not altered in essential hypertension. *J of Hypertension* 9: 147-153.
- Sheppard, H.W., Ascher, M.S. u.a. (1991): The initial immune response to HIV and immune system activation determine the outcome of HIV disease. *J AIDS* 4: 704-712.

- Soave, R., Armstrong, D. (1986): Cryptosporidium and cryptosporidiosis. *Rev Infect Dis* 8: 1012- 1023.
- Sociinski, M.A., Cannistra, S.A. u.a. (1988): Granulocyte-macrophage colony stimulating factor expands the circulating haemopoietic progenitor cell compartment in man. *Lancet* 1:1194-1198.
- Sodroski, J., Goh, W.C. u.a. (1986): Role of the HTLV-III/LAV envelope in syncytium formation and cytopathogenicity. *Nature* 322: 470-474.
- Spear, G.T., Kessler, H.A. u.a. (1990-1): Decreased oxidative burst activity of monocytes from asymptomatic HIV-infected individuals. *Clin Immunology and Immunopathology* 54:184-191.
- Spear, G.T., Ou, C.Y. u.a. (1990-2): Analysis of lymphocytes, monocytes and neutrophils from human immunodeficiency virus (HIV): infected persons for HIV DNA. *The Journal of Infectious Diseases* 162: 1239-1244.
- Spiegel, H., Herbst, H. u.a. (1992): Follicular dendritic cells are a major reservoir for human immunodeficiency virus type 1 in lymphoid tissues facilitating infection of CD4+ T- helper cells. *Am J. Pathol* 140: 15-22.
- Swain, S.L. (1983): T cell subsets and the recognition of MHC class. *Immunol Rev* 74: 129-142.
- Taylor, S.J., Chae, H.Z. u.a. (1991): Activation of the  $\beta 1$  isozyme of phospholipase c by alpha subunits of the Gq class of G-proteins. *Nature* 350, 516-518.
- Tenner-Racz, K., Racz, P.u.a. (1985): Altered dendritic follicular cells and virus like particles in AIDS and AIDS related lymphadenopathie. *Lancet* 105-106.
- Terai, C., Kombluth, R.S. u.a. (1991): Apoptosis as a mechanism of cell death in cultered T lymphoblasts acutely infected with HIV-1. *J Clin Invest* 87:1710-15.
- Tindall, B., Cooper, D.A. (1991): Primary HIV infection: host responses and intervention strategies. *AIDS* 5: 1-14.
- Tomonaga, M., Golde, D.W. (1986): Biosynthetic (recombinant): human granulocyte-macrophage colony-stimulating factor: effect on normal bone marrow and leukemia cell lines. *Blood* 67: 31-36.
- Ward, N., Gravitt, K. u.a. (1995): Inhibition of protein kinase c by a synthetic peptide corresponding to cytoplasmic domain residues 828-848 of the human immunodeficiency virus type 1 envelope glycoprotein. *Cancer Lett* 88:37-40.
- Weisbart, R.H., Kacena, A. u.a. (1988): GM-CSF induces human neutrophil Iga-mediated phagocytosis by an Iga Fc receptor activation mechanism. *Nature* 332: 647-648.

- Williams, D.E., Hangoc, G. u.a. (1987):The effect of purified recombinant murine interleukin-3 and/or purified natural murine CSF-1 in vivo on the proliferation of murine high and low-proliferative potetial colony forming cells: demonstration of in vivo synergism. *Blood* 70: 401-403.
- Yuo, A.,Kitagawa, S. u.a. (1990): Stimulating and priming of human neutrophils by granulocyte-macrophage colony-stimulating factor: qualitative and quantitative differences. *Biochem Biophys Res Commun* 171: 491-497.