

LITERATURVERZEICHNIS

- Adamson TC, Fox RI, Frisman DM, Howell FV. Immunohistologic analysis of lymphoid infiltrates in primary Sjögren's syndrome using monoclonal antibodies. *J Immunol* 1983; 130:203-8.
- Agematsu K, Nagumo H, Yang FC, et al. B cell subpopulations separated by CD27 and crucial collaboration of CD27⁺ B cells and helper T cells in immunoglobulin production. *Eur J Immunol* 1997; 27:2073-9.
- Agematsu K, Hokibara S, Nagumo H, Komiyama A. CD27: a memory B-cell marker. *Immunol Today* 2000; 21:204-6.
- Amft N, Curnow SJ, Scheel-Toellner D, et al. Ectopic expression of the B cell-attracting chemokine BCA-1 (CXCL13) on endothelial cells and within lymphoid follicles contributes to the establishment of germinal center-like structures in Sjögren's syndrome. *Arthritis Rheum* 2001; 44:2633-41.
- Ansel KM, Ngo VN, Hyman PL, et al. A chemokine-driven positive feedback loop organizes lymphoid follicles [letter]. *Nature* 2000; 406:309-14.
- Ansel KM, Cyster JG. Chemokines in lymphoiesis and lymphoid organ development. *Curr Opin Immunol* 2001; 13:172-9.
- Arce E, Jackson DG, Gill MA, et al. Increased frequency of pre-germinal center B cells and plasma cell precursors in the blood of children with systemic lupus erythematosus. *J Immunol* 2001; 167:2361-9.
- Avery DT, Ellyard JI, Mackay F, et al. Increased expression of CD27 on activated human memory B cells correlates with their commitment to the plasma cell lineage. *J Immunol* 2005; 174: 4034-42.
- Bacman S, Sterin-Borda L, Camusso JJ, et al. Circulating antibodies against rat parotid gland M3 muscarinic receptors in primary Sjogren's syndrome. *Clin Exp Immunol* 1996; 104: 454-9.
- Bahler DW, Swerdlow SH. Clonal salivary gland infiltrates associated with myoepithelial sialadenitis (Sjögren's syndrome) begin as nonmalignant antigen-selected expansion. *Blood* 1998; 91:1864-72.
- Bahler DW, Miklos JA, Swerdlow SH. Ongoing Ig gene hypermutation in salivary gland mucosa-associated lymphoid tissue type lymphomas. *Blood* 1997; 89:3335-44.
- Bave U, Nordmark G, Lövgren T, et al. Activation of the type I interferon system in primary Sjögren's syndrome. A possible etiopathogenic mechanism. *Arthritis Rheum* 2005; 52:1185-95.

- Ben-Chetrit E, Fox RI, Tan EM. Dissociation of immune responses to the SS-A (Ro) 52-kd and 60-kd polypeptides in systemic lupus erythematosus and Sjögren's syndrome. *Arthritis Rheum* 1990; 33:349-55.
- Berra A, Sterin-Borda L, Bacman S, Borda E. Role of salivary IgA in the pathogenesis of Sjögren syndrome. *Clin Immunol* 2002; 104:49-57.
- Bertorello R, Cordone MP, Contini P, et al. Increased levels of interleukin-10 in saliva of Sjögren's syndrome patients. Correlation with disease activity. *Clin Exp Med* 2004; 4:148-51.
- Bleul CC, Schultze JL, Springer TA. B lymphocyte chemotaxis regulated in association with microanatomic localization, differentiation state, and B cell receptor engagement. *J Exp Med* 1998; 187:753-62.
- Bodeutsch C, de Wilde PC, Kater L, et al. Monotypic plasma cells in labial salivary glands of patients with Sjögren's syndrome: prognosticator for systemic lymphoproliferative disease. *J Clin Pathol* 1993; 46:123-8.
- Bohnhorst J, Thoen JE, Natvig JB, Thompson KM. Significantly depressed percentage of CD27+ (memory) blood B cells in patients with primary Sjögren's syndrome. *Scand J Immunol* 2001; 54:421-7.
- Bohnhorst JO, Bjorgan MB, Thoen JE, et al. Abnormal B cell differentiation in primary Sjögren's syndrome results in a depressed percentage of circulating memory B cells and elevated levels of soluble CD27 that correlate with serum IgG concentration. *Clin Immunol* 2002; 103:79-88.
- Bolstad AI, Eiken HG, Rosenlund B, et al. Increased salivary gland tissue expression of Fas, Fas ligand, cytotoxic T lymphocyte-associated antigen 4, and programmed cell death 1 in primary Sjögren's syndrome. *Arthritis Rheum* 2003; 48:174-85.
- Bowman EP, Campbell JJ, Soler D, et al. Developmental switches in chemokine response profiles during B cell differentiation and maturation. *J Exp Med* 2000; 191:1303-17.
- Brandes M, Legler DF, Spoerri B, et al. Activation-dependent modulation of B lymphocyte migration to chemokines. *Int Immunol* 2000; 12:1285-92.
- Brezinschek HP, Brezinschek RI, Lipsky PE. Analysis of the heavy chain repertoire of human peripheral B cells using single-cell polymerase chain reaction. *J Immunol* 1995; 155:190-202.
- Brezinschek HP, Foster SJ, Brezinschek RI, et al. Analysis of the human VH gene repertoire. Differential effects of selection and somatic hypermutation on human peripheral CD5(+)/IgM+ and CD5(-)/IgM+ B cells. *J Clin Invest* 1997; 99:2488-50.
- Carbone A, Gloghini A, Ferlito A. Pathological features of lymphoid proliferations of the salivary glands: lymphoepithelial sialadenitis versus low-grade B-cell lymphoma of the malt type. *Ann Otol Rhinol Laryngol* 2000; 109:1170-5.

- Cuello C, Palladinetti P, Tedla N, et al. Chemokine expression and leukocyte infiltration in Sjögren's syndrome. *Br J Rheumatol* 1998; 37:779-83.
- Daniels, TE. Labial salivary gland biopsy in Sjögren's syndrome: assessment as a diagnostic criterion in 362 suspected cases. *Arthritis Rheum* 1984; 27: 147-56.
- Daniels TE, Whitcher JP. Association of patterns of labial salivary gland inflammation with keratoconjunctivitis sicca. Analysis of 618 patients with suspected Sjögren's syndrome. *Arthritis Rheum* 1994; 37:869-77.
- Deneys V, Mazzon AM, Marques JL, et al. Reference values for peripheral blood B lymphocyte subpopulations: a basis for multiparametric immunophenotyping of abnormal lymphocytes. *J Immunol Meth* 2001; 253:23-36
- Dong HY, Shahsafaei A, Dorfman DM. CD148 and CD27 are expressed in B cell lymphomas derived from both memory and naive B cells. *Leuk Lymphoma* 2002; 43: 1855-8.
- Dörner T, Foster SJ, Brezinschek HP, Lipsky PE. Analysis of the targeting of the hypermutational machinery and the impact of subsequent selection on the distribution of nucleotide changes in human V_HDJ_H rearrangements. *Immunol Rev* 1998; 162:161-71.
- Dörner T, Odendahl M, Radbruch A. [Cytometric analyses in systemic autoimmune diseases] *Z Rheumatol* 2002; 61: 389-95.
- Dörner T, Radbruch A. Selecting B cells and plasma cells to memory. *J Exp Med* 2005; 201: 497-9.
- Du M, Diss TC, Xu C, et al. Ongoing mutation in MALT lymphoma immunoglobulin gene suggests that antigen stimulation plays a role in clonal expansion. *Leukemia* 1996; 10:1190-7.
- Ebo D, DeClerck LS, Bridts CH, Stevens WJ. Expression of CD5 and CD23 on B cells of patients with rheumatoid arthritis, systemic lupus erythematosus and Sjögren's syndrome. Relationship with disease activity and treatment. *In Vivo* 1994; 8:577-80.
- Feist E, Kuckelkorn U, Dörner T, et al. Autoantibodies in primary Sjögren's syndrome are directed against proteasomal subunits of the alpha and beta type. *Arthritis Rheum* 1999; 42: 697-702.
- Fox RI. Clinical features, pathogenesis, and treatment of Sjögren's syndrome. *Curr Opin Rheumatol* 1996; 8:438-45.
- Fox RI, Saito I. Criteria for diagnosis of Sjögren's syndrome. *Rheum Dis Clin North Am* 1994; 20:391-407.
- Fox RI, Stern M. Sjögren's syndrome: mechanisms of pathogenesis involve interaction of immune and neurosecretory systems. *Scand J Rheumatol Suppl* 2002; 116: 3-13.

- Gasparotto D, De Vita S, DeRe V, et al. Extrasalivary lymphoma development in Sjögren's syndrome. Clonal evolution from parotid gland lymphoproliferation and role of local triggering. *Arthritis Rheum* 2003; 48:3181-6.
- Gause A, Gundlach K, Zdichavsky M, et al. The B lymphocyte in rheumatoid arthritis: analysis of rearranged V kappa genes from B cells infiltrating the synovial membrane. *Eur J Immunol* 1995; 25:2775-82.
- Gellert M. Recent advances in understanding V(D)J recombination. *Adv Immunol* 1997; 64:39-64.
- Gellrich S, Rutz S, Borkowski A, et al. Analysis of V(H)-D-J(H) gene transcripts in B cells infiltrating the salivary glands and lymph node tissues of patients with Sjögren's syndrome. *Arthritis Rheum* 1999; 42:240-7.
- Groom J, Kalled SL, Cutler AH, et al. Association of BAFF/BLyS overexpression and altered B cell differentiation with Sjögren's syndrome. *J Clin Invest* 2002; 109:59-68.
- Hansen A, Dörner T, Lipsky PE. Use of immunoglobulin variable-region genes by normal subjects and patients with systemic lupus erythematosus. *Int Arch Allergy Immunol* 2000; 123:36-45.
- Hansen A, Odendahl M, Reiter K, et al. Diminished peripheral blood memory B cells and accumulation of memory B cells in the salivary glands of patients with Sjögren's syndrome. *Arthritis Rheum* 2002; 46:2160-71.
- Hansen A, Jacobi A, Pruss A, et al. Comparison of immunoglobulin heavy chain rearrangements between peripheral and glandular B cells in a patient with primary Sjögren's syndrome. *Scand J Immunol* 2003; 57: 470-9.
- Hansen A, Gosemann M, Pruss A, et al. Abnormalities in peripheral B cell memory of patients with primary Sjögren's syndrome. *Arthritis Rheum* 2004; 50:1897-1908.
- Hansen A, Lipsky PE, Dörner T. Immunopathogenesis of primary Sjögren's syndrome: implications for disease management and therapy. *Curr Opin Rheumatol* 2005(a); 17:558-65.
- Hansen A, Hoffmann A, Dörner T. Sjögren-Syndrom - können wir das Lymphomrisiko stratifizieren? *Akt Rheum* 2005(b); 30: 46-9.
- Hansen A, Reiter K, Ziprian T, et al. Dysregulation of chemokine receptor expression and function by B cells of patients with primary Sjögren's syndrome. *Arthritis Rheum* 2005(c); 52: 2109-19.
- Harley JB, Reichlin M, Arnett FC, Alexander EL, Bias WB, Provost TT. Gene interaction at HLA-DQ enhances autoantibody production in primary Sjögren's syndrome. *Science* 1986; 232:1145-7.
- Harris NL. Lymphoid proliferations of the salivary glands. *Am J Clin Pathol* 1999; 111 (1 Suppl 1): S94-103.

- Hauser AE, Debes GF, Arce S, et al. Chemotactic responsiveness toward ligands for CXCR3 and CXCR4 is regulated on plasma blasts during the time course of a memory immune response. *J Immunol* 2002; 169:1277-82.
- Heimbächer C, Hansen A, Pruss A, et al. Immunoglobulin V κ light chain analysis in patients with Sjögren's syndrome. *Arthritis Rheum* 2001; 44:626-37.
- Herzenberg LA, Parks D, Sahaf B, et al. The history and future of the fluorescence activated cell sorter and flow cytometry: a view from Stanford. *Clin Chem* 2002; 48: 1819-27.
- Hjelmstrom P. Lymphoid neogenesis: de novo formation of lymphoid tissue in chronic inflammation through homing chemokines. *J Leukoc Biol* 2001; 69:331-9.
- Honzarenko M, Douglas RS, Mathias C, et al. SDF-1 Responsiveness does not correlate with CXCR4 expression levels of developing human bone marrow B cells. *Blood* 1999; 94: 2990-6.
- Isaacson PG, Du MQ. MALT-lymphoma: from morphology to molecules. *Nature Reviews* 2004; 4:644-53.
- Ioannidis JP, Vassiliou VA, Moutsopoulos HM. Long-term risk of mortality and lymphoproliferative disease and predictive classification of primary Sjögren's syndrome. *Arthritis Rheum* 2002; 46:741-7.
- Jacobi AM, Odendahl M, Reiter K, et al. Correlation between circulating CD27^{high} plasma cells and disease activity in patients with systemic lupus erythematosus. *Arthritis Rheum* 2003; 48:1332-42.
- Jacobi AM, Hansen A, Kaufmann O, et al. Analysis of immunoglobulin light chain rearrangements in the salivary gland and blood of a patient with Sjögren's syndrome. *Arthritis Res* 2002; 4: R4.
- Jaffe ES. Lymphoid lesions of the head and neck: a model of lymphocyte homing and lymphomagenesis. *Mod Pathol* 2002; 15:255-63.
- Jonsson R, Haga HJ, Gordon T. Sjögren's syndrome. In: Koopman WJ, editor. *Arthritis and allied conditions – a textbook of rheumatology*. 14th ed. Philadelphia: Lippincott Williams and Wilkins; 2001 pp.1736-59.
- Karges W, Pietropaolo M, Ackerley C, Dosch HM. Gene expression of islet cell antigen 69 (ICAp69) in man, mouse and rat. *Diabetes* 1996; 45:513-21.
- Kaschner S, Hansen A, Jacobi A, et al. Immunoglobulin V λ light chain gene usage in patients with Sjogren's syndrome. *Arthritis Rheum* 2001; 44: 2620-32.
- Kassan SS, Thomas TL, Moutsopoulos HM, et al. Increased risk of lymphoma in sicca syndrome. *Ann Intern Med*. 1978; 89:888-92.

- Kassan SS, Moutsopoulos HM. Clinical manifestations and early diagnosis of Sjögren's syndrome. *Arch Intern Med* 2004; 164:1275-84.
- Kehrl JH. Heterotrimeric G protein signaling: roles in immune function and fine-tuning by RGS proteins. *Immunity* 1998; 8:1-10.
- Kipps TJ, Tomhave E, Chen PP, Fox RI. Molecular characterization of a major autoantibody-associated cross-reactive idiotype in Sjögren's syndrome. *J Immunol* 1989; 142: 4261-8.
- Klein U, Rajewsky K, Küppers R. Human immunoglobulin (Ig)M⁺IgD⁺ peripheral blood B cells expressing the CD27 cell surface antigen carry somatically mutated variable region genes: CD27 as a general marker for somatically mutated (memory) B cells. *J Exp Med* 1998;188: 1679-89.
- Larsson A, Bredberg A, Henriksson G, et al. Immunohistochemistry of the B-cell component in lower lip salivary glands of Sjögren's syndrome and healthy subjects. *Scand J Immunol* 2005; 61: 98-107.
- Lavie F, Miceli-Richard C, Quillard J, et al. Expression of BAFF (BLys) in T cell infiltrating labial salivary glands from patients with Sjögren's syndrome. *J Pathol* 2004; 202:496-502.
- Legler DF, Loetscher M, Roos RS, et al. B cell-attracting chemokine 1, a human CXC chemokine expressed in lymphoid tissues, selectively attracts B lymphocytes via BRL1/CXCR5. *J Exp Med* 1998; 187:655-60.
- Mackay IR, Rose NR. Autoimmunity and lymphoma: tribulations of B cells. *Nat Immunol* 2001; 2: 793-5.
- Mackay F, Siervo F, Grey ST, Gordon TP. The BAFF/APRIL system: an important player in systemic rheumatic diseases. *Curr Dir Autoimmun* 2005; 8:243-65.
- Markusse HM, Otten HG, Vroom TM, et al. Rheumatoid factor isotypes in serum and salivary fluid of patients with primary Sjögren's syndrome. *Clin Immunol Immunopathol* 1993; 66:26-32.
- Martin T, Weber JC, Levallois H, et al. Salivary gland lymphomas in patients with Sjögren's syndrome may frequently develop from rheumatoid factor B cells. *Arthritis Rheum* 2000; 43:908-16.
- Maruyama T, Saito I, Hayashi Y, et al. Molecular analysis of the human autoantibody response to alpha-fodrin in Sjögren's syndrome reveals novel apoptosis-induced specificity. *Am J Pathol* 2004; 165:53-61.
- Mason GI, Hamburger J, Bowman S, Matthews JB. Salivary gland expression of transforming growth factor beta isoforms in Sjögren's syndrome and benign lymphoepithelial lesions. *Mol Pathol* 2003; 56:52-9.

- Manoussakis MN, Georgopoulou C, Zintzaras E, et al. Sjögren's syndrome associated with systemic lupus erythematosus. *Arthritis Rheum* 2004; 50:882-91.
- Manthorpe R, Manthorpe T. Das primäre Sjögren Syndrom – Epidemiologie und Prognose. *Akt Rheumatol* 2005; 30:27-31.
- Manthorpe R, Oxholm P, Prause JU, et al. The Copenhagen Criteria for Sjögren's syndrome. *Scand J Rheumatol* 1986; Suppl 61:19-21.
- Mariette X, Roux S, Zhang J et al. The level of BLyS (BAFF) correlates with the titre of autoantibodies in human Sjögren's syndrome. *Ann Rheum Dis* 2003; 62:168-71.
- Martin T, Weber JC, Levallois H, et al. Salivary gland lymphomas in patients with Sjögren's syndrome may frequently develop from rheumatoid factor B cells. *Arthritis Rheum* 2000; 43: 908-16.
- Miklos JA, Swerdlow SH, Bahler DW. Salivary gland mucosa-associated lymphoid tissue lymphoma immunoglobulin VH genes show frequent use of VH1-69 with distinctive CDR3 features. *Blood* 2000; 95:3878-84.
- Mitsias DI, Tzioufas AG, Veiopoulou C, et al. The Th1/Th2 cytokine balance changes with the progress of the immunopathological lesion of Sjögren's syndrome. *Clin Exp Immunol* 2002; 128:562-8.
- Morbini P, Manzo A, Caporali R, et al. Multilevel examination of minor salivary gland biopsy for Sjögren's syndrome significantly improves diagnostic performance of AECG classification criteria. *Arthritis Res Ther* 2005; 7: R343.
- Murai H, Hara H, Hatae T, et al. Expression of CD23 in the germinal center of thymus from myasthenia gravis patients. *J Neuroimmunol* 1997;76:61-9.
- Murdoch C, Finn A. Chemokine receptors and their role in inflammation and infectious diseases. *Blood* 2000; 95:3032-43.
- Moutsopoulos HM, Kodossis T. Sjögren's syndrome revisited: autoimmune epithelitis. *Br J Rheumatol* 1996; 35:204-6.
- Namekawa T, Kuroda K, Kato T, et al. Identification of Ro(SSA) 52 kDa reactive T cells in labial salivary glands from patients with Sjögren's syndrome. *J Rheumatol* 1995; 22:2092-9.
- Odendahl M, Jacobi A, Hansen A, et al. Disturbed peripheral B lymphocyte homeostasis in systemic lupus erythematosus. *J Immunol* 2000;165:5970-9.
- Ogawa N, Ping L, Zhenjun L, et al. Involvement of the interferon- γ -induced T cell-attracting chemokines, interferon- γ -inducible 10-kd protein (CXCL10) and monokine induced by interferon- γ (CXCL9), in the salivary gland lesions of patients with Sjögren's syndrome. *Arthritis Rheum* 2002; 46:2730-41.

- Pijpe J, Bootsma H, van Imhoff G, et al. Rituximab (anti-CD20) for the treatment of primary Sjögren's syndrome. *Arthritis Rheum* 2004; 50:S575 [abstract].
- Ping L, Ogawa N, Sugai S. Novel role of CD40 in Fas-dependent apoptosis of cultured salivary epithelial cells from patients with Sjögren's syndrome. *Arthritis Rheum* 2005; 52:573-81.
- Potter KN, Mockridge CI, Rahman A, et al. Disturbances in peripheral blood B cell subpopulations in autoimmune patients. *Lupus* 2002; 11: 872-7.
- Ramos-Casals M, Brito-Zeron P, Yagüe J, et al. Hypocomplementaemia as an immunological marker of morbidity and mortality in patients with primary Sjögren's syndrome. *Rheumatology* 2005; 44:89-94.
- Rollins BJ. Chemokines. *Blood* 1997; 90: 909-28.
- Schröder AE, Greiner A, Seyfert C, Berek C. Differentiation of B cells in the nonlymphoid tissue of the synovial membrane of patients with rheumatoid arthritis. *Proc Acad Sci USA* 1996; 93:221-5.
- Saegusa K, Ishimaru N, Yanagi K, et al. Prevention and induction of autoimmune exocrinopathy is dependent on pathogenic autoantigen cleavage in murine Sjögren's syndrome. *J Immunol* 2002; 169:1050-7.
- Salomonsson S, Larsson P, Tengnér P, et al. Expression of the B cell-attracting chemokine CXCL13 in the target organ and autoantibody production in ectopic lymphoid tissue in the chronic inflammatory disease Sjögren's syndrome. *Scand J Immunol* 2002; 55:336-42.
- Salomonsson S, Jonsson MV, Skarstein K, et al. Cellular basis of ectopic germinal center formation and autoantibody production in the target organ of patients with Sjögren's syndrome. *Arthritis Rheum* 2003; 48:3187-201.
- Sato S, Fujimoto M, Hasegawa M, Takehara K. Altered blood B cell lymphocyte homeostasis in systemic sclerosis. Expanded naïve B cells and diminished but activated memory B cells. *Arthritis Rheum* 2004; 50: 1918-27.
- Shi GX, Harrison K, Wilson GL, et al. RGS13 regulates germinal center B lymphocytes responsiveness to CXC chemokine ligand (CXCL)12 and CXCL13. *J Immunol* 2002; 169:2507-15.
- Shi Y, Agematsu K, Ochs HD, Sugane K. Functional analysis of human memory B cell subpopulations: IgD⁺CD27⁺ B cells are crucial in secondary immune response by producing high affinity IgM. *Clinical Immunology* 2003; 108: 128-37.
- Shih WJ, Ghesani N, Hongming Z, et al. F-18 FDG positron emission tomography demonstrates resolution of non-Hodgkin's lymphoma of the parotid gland in a patient with Sjögren's syndrome: before and after anti-CD20 antibody rituximab therapy. *Clin Nucl Med* 2002; 27:142-3.

- Shimizu S, Youshinouchi T, Naniwa T, et al. Distribution of CXCR3- or CCR4-positive cells in intestinal pneumonia associated with primary Sjögren's syndrome. *Virchows Arch* 2004; 445:477-84.
- Shokri F, Mageed RA, Maziak BR, et al. Lymphoproliferation in primary Sjögren's syndrome. *Athritis Rheum* 1993; 36:1128-36.
- Sjögren H. Zur Kenntnis der Keratoconjunctivitis sicca. *Acta Ophthalmol* 1933; Suppl II: 1-151.
- Smith AJF, Gordon TP, Macardle PJ. Increased expression of the B-cell-regulatory molecule CD72 in primary Sjögren's syndrome. *Tissue Antigens* 2004; 63:255-9.
- Stott DI, Hiepe F, Hummel M, et al. Antigen-driven clonal proliferation of B cells within the target tissue of an autoimmune disease. The salivary glands of patients with Sjögren's syndrome. *J Clin Invest* 1998; 1102:938-46.
- Szodoray P, Alex P, Brun JG, et al. Circulating cytokines in primary Sjögren's syndrome determined by a multiplex cytokine array system. *Scand J Immunol* 2004; 59:592-9.
- Tangye SG, Liu YJ, Aversa G, et al. Identification of functional human splenic memory B cells by expression of CD148 and CD27. *J Exp Med* 1998;188:1691-1703.
- Tengnér P, Halse AK, Haga HJ, et al. Detection of anti-Ro/SSA and anti-La/SSB autoantibody-producing cells in salivary glands from patients with Sjögren's syndrome. *Arthritis Rheum* 1998; 41:2238-48.
- Theander E, Manthorpe R, Jacobsson LTH. Mortality and causes of death in primary Sjögren's syndrome. A prospective cohort study. *Arthritis Rheum* 2004; 50:1262-9.
- Toda I. Autoantigens and Sjögren syndrome. *Cornea* 2002; 21(2 Suppl 1):S13-6.
- Triantafyllopoulou A, Tapinos N, Moutsopoulos HM. Evidence for Coxsackievirus infection in primary Sjögren's syndrome. *Arthritis Rheum* 2004; 50:2897-902.
- Tsunawaki S, Nakamura S, Ohyama Y, et al. Possible function of salivary gland epithelial cells as nonprofessional antigen-presenting cells in the development of Sjögren's syndrome. *J Rheumatol* 2002; 29:1884-96.
- Tzioufas AG, Boumba DS, Skopouli FN, Moutsopoulos HM. Mixed monoclonal cryoglobulinemia and monoclonal rheumatoid factor cross-reactive idiotypes as predictive factors for the development of lymphoma in primary Sjögren's syndrome. *Arthritis Rheum* 1996; 39:767-72.
- van Oers MH, Pals ST, Evers LM, et al. Expression and release of CD27 in human B-cell malignancies. *Blood* 1993; 82: 3430-6.
- Vitali C, Bombardieri S, Jonsson R, et al. Classification criteria for Sjögren's syndrome: a revised version of the European criteria proposed by the American-European consensus group. *Ann Rheum Dis* 2002; 61: 554-8.

- Vitali C, Bombardieri S, Moutsopoulos HM, et al. Preliminary criteria for the classification of Sjogren's syndrome. Results of a prospective concerted action supported by the European Community. *Arthritis Rheum* 1993; 36:340-7.
- Voulgarelis M, Dafni UG, Isenberg DA, Moutsopoulos HM, and the Members of the European Concerted Action on Sjögren's syndrome. Malignant lymphoma in primary Sjögren's syndrome. A multicenter, retrospective, clinical study by the European Concerted Action on Sjögren's syndrome. *Arthritis Rheum* 1999; 42:1765-72.
- Wang X, Stollar BD. Immunoglobulin V_H gene expression in human aging. *Clin Immunol* 1999; 93:132-42.
- Wang X, Stollar BD. Human immunoglobulin variable region gene analysis by single cell RT-PCR. *J Immunol Meth* 2000; 244:217-25.
- Wehrli N, Legler DF, Finke D, et al. Changing responsiveness to chemokines allows medullary plasmablasts to leave lymph nodes. *Eur J Immunol* 2001; 31: 609-16.
- Winer S, Astsurov I, Cheung R, et al. Primary Sjögren's syndrome and deficiency of ICA69. *Lancet* 2002; 360:1063-69.
- Xanthou G, Tapinos NI, Polihronis M, et al. CD4 cytotoxic and dendritic cells in the immunopathologic lesion of Sjögren's syndrome. *Clin Exp Immunol* 1999; 118:154-63.
- Xanthou G, Polihronis M, Tzioufas AG, et al. "Lymphoid" chemokine messenger RNA expression by epithelial cells in the chronic inflammatory lesion of the salivary glands of Sjögren's syndrome patients. *Arthritis Rheum* 2001; 44: 408-18.
- Yamoaka K, Miyasaka N, Sato K, et al. B cell hyperresponsiveness in Sjögren's syndrome. *Autoimmunity* 1989; 3:261-9.
- Yavuz S, Grammer AC, Yavuz AS, et al. Comparative characteristics of μ chain and α chain transcripts expressed by individual tonsil plasma cells. *Mol Immunol* 2001; 38:19-34.
- Zehner M, Suranyi P, Nagy G, Szegedi G. B cells expressing CD5 in minor labial salivary glands of patients with primary Sjogren's syndrome. [Letter] *Arthritis Rheum* 1990; 33: 453.
- Zinkernagel RM. Immunology taught by viruses. *Science* 1996; 271:173-8.
- Zlotnik A, Yoshie O. Chemokines: a new classification system and their role in immunity. *Immunity* 2000; 12:121-7.