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- Adkins, B., A. Ghanei, K. Hamilton.** 1993. Developmental regulation of IL-4, IL-2, and IFN- $\gamma$  production by murine peripheral T lymphocytes. *J Immunol*, 151: 6617-6626.
- Adkins, B., K. Hamilton.** 1992. Freshly isolated, murine neonatal T cells produce IL-4 in response to anti-CD3 stimulation. *J Immunol*, 149: 3448-3455.
- Agematsu, K., T. Kobata, K. Sugita, G. Freeman, M. Beckmann, S. Schlossman, C. Morimoto.** 1994. Role of CD27 in T cell immune response. *J Immunol*, 153: 1421-1429.
- Agematsu, K., T. Kobata, K. Sugita, T. Hirose, S. Schlossman, C. Morimoto.** 1995. Direct cellular communications between CD45RO and CD45RA T cell subsets via CD27/CD70. *J Immunol*, 154: 3627-3635.
- Alzona, M., H.M. Jack, R.I. Fisher, T.M. Ellis.** 1995. IL-12 activates IFN- $\gamma$  production through the preferential activation of CD30+ T cells. *J Immunol*, 154: 9-16.
- Askenase, P., M. Szczepanik, M. Ptak, V. Paliwal, P. Wlodzimierz.** 1995. gd T cells in normal spleen assist immunized ab T cells in the adoptive cell transfer of contact sensitivity. *J Immunol*, 154: 3644-3653.
- Bathon, J.M., J.C. Croughan, D.W. MacGlashan, D. Proud.** 1994. Bradykinin is a potent and relatively selective stimulus for cytosolic calcium elevation in human synovial cells. *J Immunol*, 153: 2600-2608.
- Beno, D., A. Stover, H. Mathews.** 1995. Growth inhibition of *Candida albicans* hyphae by CD8+ lymphocytes. *J Immunol*, 154: 5273-5281.
- Berman, J.S., D.M. Center.** 1987. Chemotactic activity of porcine insulin for human T lymphocytes in vitro. *J Immunol*, 138:2100.
- Bieva, C.J., F.J. VanderBruggen, P.A. Stryckmans.** 1989. Malignant leukemic cell separation by iron colloidal immunomagnetic adsorption. *Experimental Hematology*, 17: 914-920.
- Bonomo, A., P. Kehn, E. Payer, L. Rizzo, A. Cheever, E. Shevach.** 1995. Pathogenesis of post-thymectomy autoimmunity: role of syngeneic MLR-reactive T cells. *J Immunol*, 154: 6602-6611.
- Brissette-Storkus, C. et al.** 1994. Characterization and function of the NKR-P1dim/T cell receptor-ab+ subset of rat T cells. *J Immunol*, 152: 388-396.
- Chen, Y., V.K. Kuchroo, J. Inobe, D. Hafler, H.L. Weiner.** 1994. Regulatory T cell clones induced by oral tolerance: suppression of autoimmune encephalomyelitis. *Science*, 265: 1237-1240.
- Chervenak, R., D. Dempsey, R. Soloff, M. Wolcott, S. Jennings.** 1993. The expression of CD4 by T cell precursors resident in both the thymus and the bone marrow. *J Immunol*, 151: 4486-4493.
- Chervonsky, A.V., T.V. Golovkina, S.R. Ross, C.A. Janeway.** 1995. Differences in the avidity of TRC interactions with a superantigenic ligand affect negative selection, but do not allow positive selection. *J Immunol*, 155: 5115-5123.
- Chilton, P. R. Fernandez-Botran.** 1993. Production of soluble IL-4 receptors by murine spleen cells is regulated by T cell activation and IL-4. *J Immunol*, 151: 5907-5917.
- Conlon, K., A. Ochoa, W. Kopp, J. Ortaldo, W. Urba, D. Longo, H. Young.** 1992. Enhanced lymphokine production and lymphokine receptor expression in multiple antibody-stimulated human CD4+ peripheral blood lymphocytes. *J Immunol*, 149: 3278-3289.
- Cruikshank, W.W., J.S. Berman, A.C. Theodore, J. Bernardo, D.M. Center.** 1987. Lymphokine activation of T4 and T lymphocytes and monocytes. *J Immunol*, 138: 3817-3823.
- Dieli, F., G. Asherson, G. Romano, G. Sireci, F. Gervasi, A. Salerno.** 1994. IL-4 is essential for the systemic transfer of delayed hypersensitivity by T cell lines. *J Immunol*, 152: 2698-2704.
- Dong, Z., H. Wortis.** 1994. Function of bone marrow stromal cell lines derived from nude mice. *J Immunol*, 153: 1441-1448.
- Elson, C.O., S.P. Holland, M.T. Dertzbaugh, C.R. Cuff, A.O. Anderson.** 1995. Morphologic and functional alterations of mucosal T cells by cholera toxin and its B subunit. *J Immunol*, 154: 1032-1040.
- Ettinger, R. et al.** 1994. Functional distinctions between MRL-lpr and MRL-gld lymphocytes. *J Immunol*, 152: 1557-1568.
- Ferbas, J.J., J.R. Toso, A.J. Logar, J.S. Navratil, C.R. Rinaldo.** 1994. CD4+ blood dendritic cells are potent producers of IFN- $\alpha$  in response to invitro HIV-1 infection. *J Immunol*, 152: 4649-4662.
- Ford, J.R., M Terzaghi-Howe.** 1992. Characteristics of magnetically separated rat tracheal epithelial cell populations, *Am J Physiol*,

263: L568-L574.

- Foroozan, M., Y. Shi, D. Shirazian, L. Morgante, A. Miller, D. Grob.** 1994. Defective production of anti-inflammatory cytokine, TGF- $\beta$ , by T cell lines of patients with active Multiple Sclerosis. *J Immunol*, 152: 6003-6010.
- Fowler, D., K. Kurasawa, A. Husebekk, P. Cohen, R. Gress.** 1994. Cells of Th2 cytokine phenotype prevent LPS-induced lethality during murine graft-versus-host reaction. *J Immunol*, 152: 1004-1013.
- Freedman, M.S., M. Blain, J.P. Antel.** 1991. Differential responses of CD4+CD45RA+ and CD4+CD29+ subsets to activated CD8+ cells: enhanced stimulation of the CD4+CD45RA+ subset by cells from patients with Multiple Sclerosis. *Cellular Immunology*, 133:306-316.
- Gilat, D., R. Hershkoviz, Y.A. Mekori, I. Vlodayvsky, O. Lider.** 1994. Regulation of adhesion of CD4+ T lymphocytes to intact or heparinase-treated subendothelial extracellular matrix by diffusible or anchored RANTES and MIP-1 $\beta$ . *J Immunol*, 153: 4899-4906.
- Gonzalez, M., R. Merino, A. Gonzalez, J. Merino.** 1995. The ability of B cells to participate in allogeneic cognate T-B cell interactions in vitro depends on the presence of CD4+ T cells during their development. *J Immunol*, 155: 1091-1100.
- Gribben, J.G., et al.** 1992. Bone marrows of Non-Hodgkin's lymphoma patients with a bcl-2 translocation can be purged of polymerase chain reaction-detectable lymphoma cells using monoclonal antibodies and immunomagnetic bead depletion. *Blood*, 80: 1083-1089.
- Gryllis, C., M.A. Wainberg, M. Gornitsky, B. Brenner.** 1990. Diminution of inducible lymphokine-activated killer cell activity in individuals with AIDS-related disorders. *AIDS*, 4: 1205-1212.
- Haregewoin, A., G. Soman, R.C. Horm, R.W. Finberg.** 1989. Human T cells respond to mycobacterial heat shock protein. *Nature*, 340: 309-312.
- Hermantin, P., et al.** 1990. Hinge-thiol coupling of monoclonal antibody to silanized iron oxide particles and evaluation of magnetic cell depletion. *Bioconjugate Chemistry*, 1: 411-418.
- Johnston, J., D. Taub, A. Lloyd, K. Conlon, J. Oppenheim, D. Kevlin.** 1994. Human T lymphocyte chemotaxis and adhesion induced by vasoactive intestinal peptide. *J Immunol*, 153: 1762-1768.
- June, C.H., J.A. Ledbetter, M.M. Gillespie, T. Lindsten, C.B. Thompson.** 1987. T cell proliferation involving the CD28 pathway is associated with cyclosporine-resistant Interleukin-2 gene expression. *Molecular and Cell Biology*, 7: 4472-4480.
- Kobata, T., K. Agematsu, J. Kameoka, S. Schlossman, C. Morimoto.** 1994. CD27 is a signal-transducing molecule involved in CD45RA+ naive T cell costimulation. *J Immunol*, 153: 5422-5432.
- Kornfeld, H., W.W. Cruikshank, S.W. Pyle, J.S. Berman, D.M. Center.** 1988. Lymphocyte activation by HIV-1 envelope glycoprotein. *Nature*, 335: 445-448.
- Laberge, S., W.W. Cruikshank, D.J. Beer, D.M. Center.** 1996. Secretion of IL-16 (lymphocyte chemoattractant factor) from serotonin-stimulated CD8+ cells in vitro. *J Immunol*, 156: 310-315.
- Lago, A, et al.** 1994. IL-2, IL-4, & IFN- $\gamma$  gene expression versus secretion in superantigen-activated T cells. *J Immunol*, 152:1641-1652.
- Lederman, S., et al.** 1994. T-BAM/CD40-L on helper T lymphocytes augments lymphokine-induced B cell Ig isotype switch recombination and rescues B cells from programmed cell death. *J Immunol*, 152: 2163-2171.
- Lee, W.T., E.S. Vitetta.** 1991. The differential expression of homing and adhesion molecules on virgin and memory T cells in the mouse. *Cellular Immunology*, 132: 215-222.
- Levin, D., S. Constant, T. Pasqualini, R. Flavell, K. Bottomly.** 1993. Role of dendritic cells in the priming of CD4 lymphocytes to peptide antigen in vivo. *J Immunol*, 151: 6742-6750.
- Linette, G.P., R.J. Hartzman, J.A. Ledbetter, C.H. June.** 1988. HIV-1-infected cells show a selective signalling defect after perturbation of CD3-antigen receptor. *Science*, 241: 573.
- Loeffler, C.M., et al.** 1991. Antitumor effects of Interleukin 2 liposomes and anti-CD3-stimulated T cells against murine MCA-38 hepatic metastasis. *Cancer Research*, 51: 2127-2132.
- Lopes, M.G., V.F. deVeiga, A.R. Santos, M.E. Fonseca, G.A. DosReis.** 1995. Activation-induced CD4+ T cell death by apoptosis in experimental Chagas' disease. *J Immunol*, 154: 744-752.
- Mehrotra, P., A. Grant, J. Siegel.** 1995. Synergistic effects of IL-7 and IL-12 on human T cell activation. *J Immunol*, 154, 5093-5102.
- Moran, T., E. Toy, Y. Kuzu, H. Kuzu, H. Isobe, J. Schulman.** 1995. Staphylococcal enterotoxin B-activated T cells can be redirected to inhibit multicycle virus replication. *J Immunol*, 155: 759-765.
- Nagata, M., P. Santamaria, T. Kawamura, T. Utsugi, J. Yoon.** 1994. Evidence for the role of CD8+ cytotoxic T cells in the destruction of pancreatic B-cells in non-obese diabetic mice. *J Immunol*, 152: 2042-2050.
- Nestle, F., X. Zheng, C. Thompson, L. Turka, B. Nickoloff.** 1993. Characterization of dermal dendritic cells obtained from normal human skin reveals phenotypic and functionally distinctive subsets. *J Immunol*, 151: 6535-6545.
- Padmanabhan, R., C.D. Corsico, H. Tazuko, W. Holter, C. Fordis, M. Willingham, B. Howard.** 1989. Purification of transiently transfected cells by magnetic affinity cell sorting. *Analytical Biochemistry*, 170: 341-348.
- Padmanabhan, R., C. Corsico, W. Holter, T. Howard, B.H. Howard.** 1989. Purification of transiently transfected cells by magnetic-affinity cell sorting. *Journal of Immunogenetics*, 116: 91-102.
- Pilaro, A.M., D.D. Taub., K.L. McCormick, H.M. Williams, T.J. Sayers, W.E. Fogler, R.H. Wiltout.** 1994. TNF- $\alpha$  is a principle

cytokine involved in the recruitment of NK cells to liver parenchyma. *J Immunol*, 153: 333-342.

- Pricop, L., et al.** 1993. Characterization of the Fc mu receptor on human natural killer cells. Interaction with its physiologic ligand, human normal IgM, specifically of binding, and functional effects. *J Immunol*, 151: 3018-3029.
- Rabinowich, H., W. Lin, R. Herberman, T. Whiteside.** 1994. Signaling via CD7 molecules on human NK cells. *J Immunol*, 153: 3504-3513.
- Rabinowich, H., P. Sedlmayr, R. Herberman, T. Whiteside.** 1993. Response of human NK cells to IL-6 alterations of the cell surface phenotype, adhesion to fibronectin and laminin, and tumor necrosis factor-a/b secretion. *J Immunol*, 150: 4844-4855.
- Rabinowich, H., et al.** 1992. Role of cytokines in the adoptive immunotherapy of an experimental model of human head and neck cancer by human IL-2 activated natural killer cells. *J Immunol*, 149: 340-349.
- Rabinowich, H., W. Lin, A. Amoscato, R.B. Herberman, T.L. Whiteside.** 1995. Expression of vitronectin receptor on human NK cells and its role in protein phosphorylation, cytokine production, and cell proliferation. *J Immunol*, 154: 1124-1135.
- Rasmussen, R., S. Counts, J. Daley, S. Schlossman.** 1994. Isolation and characterization of CD6- T cells from peripheral blood. *J Immunol*, 152: 527-536.
- Rosenman, S., A. Ganji, T. Tedder, W. Gallatin.** 1993. Syn-capping of human T lymphocyte adhesion/activation molecules and their redistribution during interaction with endothelial cells. *Journal of Leukocyte Biology*, 53: 1-10.
- Saha, K., P. Wong.** 1992. Ts1, a temperature-sensitive mutant of Moloney murine leukemia virus TB, can infect both CD4+ and CD8+ T cells, but requires CD4+ T cells in order to cause paralysis and immunodeficiency. *Journal of Virology*, 66: 2639-2646.
- Saitoh, S-I., A. Kosugi, S. Noda, N. Yamamoto, O. Ogata, Y. Minami, K. Miyake, T. Hamaoka.** 1995. Modulation of TCR-mediated signaling pathway by Thymic Shared Antigen-1 (TSA-1)/Stem Cell Antigen-2 (Sca-2). *J Immunol*, 155: 5574-5581.
- Santamaria, P., T. Utsugi, B. Park, N. Averill, S. Kawazu, J. Yoon.** 1995. Beta-cell-cytotoxic CD8+ T cells from non-obese diabetic mice use highly homologous T cells receptor a-Chain CDR3 sequences. *J Immunol*, 154: 2494-2503.
- Sen-Majumdar, A., C. Guidos, T. Kina, M. Lieberman, I. Weissman.** 1994. Characterization of preneoplastic thymocytes and of their neoplastic progression in irradiated C57BL/Ka mice. *J Immunol*, 153: 1581-1592.
- Selvey, L.A., H.C. Morse, C.H. June, R.J. Hodes.** 1995. Analysis of antigen receptor signalling in B cells from mice with retrovirus-induced acquired immunodeficiency syndrome. *J Immunol*, 154: 171-179.
- Shen, F., X.L. Xu, L.H. Graf, S-F Chong.** 1995. CD45-cross-linking stimulates IFN-g production in NK cells. *J Immunol*, 154: 644-652.
- Smyth, M.J., S.L. Strobl, H.A. Young, J.R. Ortaldo, A.C. Ochoa.** 1991. Regulation of lymphokine-activated killer activity and pore forming protein gene expression in human peripheral blood CD8+ T lymphocytes. *J Immunol*, 146: 3289-3297.
- Spangrude, G.J., R. Scollay.** 1990. A simplified method for enrichment of mouse hematopoietic stem cells. *Experimental Hematology*, 18: 920-926.
- Spangrude, G.J., S. Heimfeld, I.L. Weissman.** 1988. Purification and characterization of mouse hematopoietic stem cells. *Science*, 241: 58-62.
- Stout, R.D., J. Suttles, J. Xu, I.S. Grewal, R.A. Flavell.** 1996. Impaired T cell-mediated macrophage activation in CD40 ligand-deficient mice. *J Immunol*, 156: 8-11.
- Sugie, K., Y. Minami, T. Kawakami, A. Uchida.** 1995. Stimulation of NK-like YT cells via Leukocyte Function-Associated antigen (LFA)-1. *J Immunol*, 154: 1691-1698.
- Tacke, M., G. Clark., M. Dallman, T. Hunig.** 1995. Cellular distribution & costimulatory function of rat CD28. *J Immunol*, 154: 5121-5127.
- Taylor, R., F. Pocanic, C. Reist, E. Wright.** 1991. Complement-opsonized IgG antibody/dsDNA immune complexes bind to CR1 clusters on isolated human erythrocytes. *Clinical Immunology and Immunopathology*, 61: 143-160.
- Trickett, A.E., D.J. Ford, P.R.L. Lam-Po-Tang, M.R. Vowels.** 1990. Comparison of magnetic particles for immunomagnetic bone marrow purging using an acute lymphoblastic leukemia model. *Transplantation Proceedings*, 22: 2177-2178.
- Turka, L., D. Schatz, M. Oettinger, J. Chun, C. Gorka, K. Lee, W. McCormack, C. Thompson.** 1991. Thymocyte expression of RAG-1 and RAG-2: termination by T cell receptor cross-linking. *Science*, 253: 778-781.
- Vaccaro, D.E.** 1990. Applications of magnetic separation: cell sorting. American Biotechnology Laboratory, April.
- Vujanovic, N.L., S. Yashumura, H. Hirabayashi, W.C. Lin, S. Watkins, R.B. Herberman, T.L. Whiteside.** 1995. Antitumor activities of subsets of human IL-2-activated natural killer cells in solid tissues. *J Immunol*, 154: 281-289.
- Wirth, S., L. Guidotti, K. Ando, H. Schlicht, F. Chisari.** 1995. Breaking tolerance leads to autoantibody production, but not autoimmune disease in Hepatitis B virus envelope transgenic mice. *J Immunol*, 154: 2504-2515.
- Witkowski, J.M., S.P. Li, G. Gorgas, R.A. Miller.** 1994. Extrusion of the P glycoprotein substrate Rhodamine-123 distinguishes CD4 memory T cell subsets that differ in IL-2 driven IL-4 production. *J Immunol*, 153: 658-665.
- Yabkowitz, R., V. Dixit, N. Guo, D. Roberts, Y. Shimizu.** 1993. Activated T cell adhesion to Thrombospondin is mediated by the a4b1 (VLA-1) and a5b1 (VLA-5) integrins. *J Immunol*, 151: 149-158.
- Yuen, M-H., M. Protti, B. Diethelm-Okita, L. Moiola, J. Howard, B. Conti-Fine.** 1995. Immunoregulatory CD8+ cells recognize antigen-activated CD4+ cells in Myasthenia Gravis patients and in healthy controls. *J Immunol*, 154: 1508-1520.