

REFERENCES

- Aarden, L. A. and van Kooten, C. (1992). The action of interleukin 6 on lymphoid populations. *Ciba Found Symp* 167: 68-74.
- Abbas, A. K. and Lichtman, A. H. (2007). Basic immunology: Functions and disorders of the immune system. Philadelphia, Elsevier Saunders.
- Abbas, A. K., Lichtman, A. H. and Pillai, S. (2012). Cellular and Molecular Immunology. Philadelphia, Elsevier Inc.
- Berger, C. L. and Edelson, R. (1982). Monoclonal antibodies: powerful new tools for the clinician. *Arch Dermatol* 118(9): 627-629.
- Birch, J. R. and Lennox, E. S. (1995). Monoclonal Antibodies: Principles and Applications. New York, Wiley-Liss, Inc.
- Capehart, A. A., Wienecke, M. M., Kitten, G. T., Solursh, M., *et al.* (1997). Production of a monoclonal antibody by in vitro immunization that recognizes a native chondroitin sulfate epitope in the embryonic chick limb and heart. *J Histochem Cytochem* 45(11): 1567-1581.

- Caraher, E. M., Parenteau, M., Gruber, H. and Scott, F. W. (2000). Flow cytometric analysis of intracellular IFN-gamma, IL-4 and IL-10 in CD3(+)4(+) T-cells from rat spleen. *J Immunol Methods* 244(1-2): 29-40.
- Catty, D. (1988). *Antibodies: A practical approach*. Washington DC, IRL Press.
- Chu, W. S., Carpino, M. R., Dent, A. and Rich, S. (1987). Suppressor T cell growth and differentiation: production of suppressor T cell differentiation factor by the murine thymoma BW5147. *J Immunol* 138(1): 78-86.
- de StGroth, S. F. and Scheidegger, D. (1980). Production of monoclonal antibodies: strategy and tactics. *J Immunol Methods* 35(1-2): 1-21.
- Estensen, R. D., Drazich, B. F. and Hadden, J. W. (1978). Phorbol myristate acetate as a lymphocyte mitogen: quantitation of effects in culture and relationship to binding and inhibition by analogs. *Mechanisms of Tumor Promotion and Cocarcinogenesis*. T. J. Slaga, A. Sivak and R. K. Boutwell. New York, Raven Press: 379-388.
- Esser, C. and Radbruch, A. (1990). Immunoglobulin class switching: molecular and cellular analysis. *Annu Rev Immunol* 8: 717-735.
- Farrar, J. J., Fuller-Farrar, J., Simon, P. L., Hilfiker, M. L., et al. (1980). Thymoma production of T cell growth factor (Interleukin 2). *J Immunol* 125(6): 2555-2558.
- Galfre, G. and Milstein, C. (1981). Preparation of monoclonal antibodies: strategies and procedures. *Methods Enzymol* 73(Pt B): 3-46.

Goding, J. W. (1993). Monoclonal Antibodies: Principles and Practice. San Diego, Academic Press Inc.

Goldberg, N. D., Haddox, M. K., Durham, E., Lopez, C., *et al.* (1974). Evidence for opposing influences of cyclic GMP and cyclic AMP in the regulation of cell proliferation and other biological processes. Control of Proliferation in Animal Cells. B. Clarkson and R. Baserga. New York, Cold Spring Harbor Press: 609-626.

Grabstein, K., Eisenman, J., Mochizuki, D., Shanebeck, K., *et al.* (1986). Purification to homogeneity of B cell stimulating factor. A molecule that stimulates proliferation of multiple lymphokine-dependent cell lines. *J Exp Med* 163(6): 1405-1414.

Greferath, R., Sauer-Nehls, S., Dyballa, S. and Nehls, P. (1997). Human endothelial culture supernatant selectively promotes IgM-producing hybridomas. *J Immunol Methods* 204(2): 189-192.

Halabi, G. and McCullough, K. C. (1995). Influence of antigen presentation and exogenous cytokine activity during in vitro primary immunizations employed for the generation of monoclonal antibodies. *J Immunol Methods* 186(2): 205-216.

Hammerling, G. J., Lemke, H., Hammerling, U., Hohmann, C., *et al.* (1978). Monoclonal antibodies against murine cell surface antigens: anti-H-2, anti-Ia and anti-T cell antibodies. *Curr Top Microbiol Immunol* 81: 100-106.

Harlow, E. and Lane, D. (1988). Antibodies. A Laboratory Manual., Cold Spring Harbor Laboratory.

Herrera, R., Hubbell, S., Decker, S. and Petruzzelli, L. (1998). A role for the MEK/MAPK pathway in PMA-induced cell cycle arrest: modulation of megakaryocytic differentiation of K562 cells. *Exp Cell Res* 238(2): 407-414.

Hlinak, A., Jahn, S., Grunow, R., Heider, G., *et al.* (1988). Feeder cells from different sources and conditioned media for recloning of human--mouse and mouse--mouse hybridomas. *Folia Biol (Praha)* 34(2): 105-117.

Hoffmann, P., Jimenez-Diaz, M., Weckesser, J. and Bessler, W. G. (1996). Murine bone marrow-derived macrophages constitute feeder cells for human B cell hybridomas. *J Immunol Methods* 196(1): 85-91.

Howard, M., Farrar, J., Hilfiker, M., Johnson, B., *et al.* (1982). Identification of a T cell-derived b cell growth factor distinct from interleukin 2. *J Exp Med* 155(3): 914-923.

Howard, M. and Paul, W. E. (1983). Regulation of B-cell growth and differentiation by soluble factors. *Annu Rev Immunol* 1: 307-333.

Ian, F. R. (2000). Culture of Animal Cells New York, Wiley Liss,Inc.

Isaacs, J. D. (2009). Antibody engineering to develop new antirheumatic therapies. *Arthritis Res Ther* 11(3): 225.

- Janeway, C. A., Travers, P., Walport, M. and Capra, J. D. (1999). Immunobiology: The immune system in health and disease. London, Elsevier Science.
- Kennett, R. H. (1979). Cell fusion. Methods Enzymol 58: 345-359.
- Kishimoto, T. (1985). Factors affecting B-cell growth and differentiation. Annu Rev Immunol 3: 133-157.
- Kohler, G. and Milstein, C. (1975). Continuous cultures of fused cells secreting antibody of predefined specificity. Nature 256: 495-497.
- Lagoo, A., Tseng, C. K. and Sell, S. (1990). Molecular signals in B cell activation. I. Differential refractory effects of incomplete signaling by ionomycin or PMA relate to autocrine IL-2 production and IL-2R expression. Cell Immunol 127(2): 483-496.
- Lanzavecchia, A. and Sallusto, F. (2009). Human B cell memory. Curr Opin Immunol 21(3): 298-304.
- Lee, G. M., Kaminski, M. A. and Palsson, B. O. (1992). Observations consistent with autocrine stimulation of hybridoma cell growth and implications for large-scale antibody production. Biotechnology Letters 14: 257-262.
- Lin, C. C., Ni, M. H., Chang, Y. C., Yeh, H. L., et al. (2010). A cell sorter with modified bamboo charcoal for the efficient selection of specific antibody-producing hybridomas. Biomaterials 31(32): 8445-8453.

Ling, N. R. (2000). Immunoglobulin production by cultured human lymphocytes. *J Immunol Methods* 238(1-2): 3-15.

Long, W. J., McGuire, W., Palombo, A. and Emini, E. A. (1986). Enhancing the establishment efficiency of hybridoma cells. Use of irradiated human diploid fibroblast feeder layers. *J Immunol Methods* 86(1): 89-93.

Lund, J., Winter, G., Jones, P. T., Pound, J. D., *et al.* (1991). Human Fc gamma RI and Fc gamma RII interact with distinct but overlapping sites on human IgG. *J Immunol* 147(8): 2657-2662.

Masouredis, S. P. (1981). Hybridomas And Monoclonal Antibodies. Washington DC, americanAassociation of Blood Banks.

McCullough, K. C., Butcher, R. N. and Parkinson, D. (1983). Hybridoma cell lines secreting monoclonal antibodies against foot-and-mouth disease virus (FMDV). II. Cloning conditions. *J Biol Stand* 11(3): 183-194.

McMahon, M. J. and O'Kennedy, R. (2001). The use of in vitro immunisation, as an adjunct to monoclonal antibody production, may result in the production of hybridomas secreting polyreactive antibodies. *J Immunol Methods* 258(1-2): 27-36.

Micklem, L. R., McCann, M. C. and James, K. (1987). The use of rat mixed-thymocyte culture-conditioned medium for hybridoma production, cloning and revival. *J Immunol Methods* 104(1-2): 81-86.

Murakami, H., Masui, H., Sato, G. and Raschke, W. C. (1981). Growth of mouse plasmacytoma cells in serum-free, hormone-supplemented medium: procedure for the determination of hormone and growth factor requirements for cell growth. *Anal Biochem* 114(2): 422-428.

Murakami, H., Masui, H., Sato, G. H., Sueoka, N., *et al.* (1982). Growth of hybridoma cells in serum-free medium: ethanolamine is an essential component. *Proc Natl Acad Sci U S A* 79(4): 1158-1162.

Nakanishi, K., Malek, T. R., Smith, K. A., Hamaoka, T., *et al.* (1984). Both interleukin 2 and a second T cell-derived factor in EL-4 supernatant have activity as differentiation factors in IgM synthesis. *J Exp Med* 160(6): 1605-1621.

Oi, V. T. and Herenberg, L. A. (1980). Immunoglobulin producing hybrid cell lines. Selected methods in Cellular Immunology. . B. B. Mishell and S. M. Shiigi. San Francisco, CA, Freeman: 351.

Oliver, K., Noelle, R. J., Uhr, J. W., Krammer, P. H., *et al.* (1985). B-cell growth factor (B-cell growth factor I or B-cell-stimulating factor, provisional 1) is a differentiation factor for resting B cells and may not induce cell growth. *Proc Natl Acad Sci U S A* 82(8): 2465-2467.

Ossendorp, F. A., Bruning, P. F., Van den Brink, J. A. and De Boer, M. (1989). Efficient selection of high-affinity B cell hybridomas using antigen-coated magnetic beads. *J Immunol Methods* 120(2): 191-200.

- Pardue, R. L., Brady, R. C., Perry, G. W. and Dedman, J. R. (1983). Production of monoclonal antibodies against calmodulin by in vitro immunization of spleen cells. *J Cell Biol* 96(4): 1149-1154.
- Pollock, R. R., Teillaud, J.-L. and Scharff, M. D. (1984). Monoclonal Antibodies: A Powerful Tool for Selecting and Analyzing Mutations in Antigens and Antibodies. *Ann. Rev. Microbiol* 38: 389-417.
- Rathjen, D. A. and Geczy, C. L. (1986). Conditioned medium from macrophage cell lines supports the single-cell growth of hybridomas. *Hybridoma* 5(3): 255-261.
- Schmidt, E., Leinfelder, U., Gessner, P., Zillikens, D., *et al.* (2001). CD19+ B lymphocytes are the major source of human antibody-secreting hybridomas generated by electrofusion. *J Immunol Methods* 255(1-2): 93-102.
- Sikora, K. and Smedley, H. M. (1984). Monoclonal Antibodies. Frome and London, Blackwell Scientific Publications.
- Sivak, A., Mossman, B. T. and Van Duuren, B. L. (1972). Activation of cell membrane enzymes in the stimulation of cell division. *Biochem Biophys Res Commun* 46(2): 605-609.
- Spira, G., Pollock, R. R., Bargellesi, A. and Scharff, M. D. (1985). Monoclonal antibodies: a potentially powerful tool in the diagnosis and treatment of infectious diseases. *Eur J Clin Microbiol* 4(3): 251-256.

Sugasawara, R. J., Cahoon, B. E. and Karu, A. E. (1985). The influence of murine macrophage-conditioned medium on cloning efficiency, antibody synthesis, and growth rate of hybridomas. *J Immunol Methods* 79(2): 263-275.

Tayapiwatana, C., Chotpadiwetkul, R. and Kasinrerk, W. (2006). A novel approach using streptavidin magnetic bead-sorted *in vivo* biotinylated survivin for monoclonal antibody production. *J Immunol Methods* 317(1-2): 1-11.

Tomita, M., Fukuda, T., Ozu, A., Kimura, K., *et al.* (2006). Antigen-based immunofluorescence analysis of B-cell targeting: advanced technology for the generation of novel monoclonal antibodies with high efficiency and selectivity. *Hybridoma (Larchmt)* 25(5): 283-292.

Tomita, M., Sugi, H., Ozawa, K., Tsong, T. Y., *et al.* (2001). Targeting antigen-specific receptors on B lymphocytes to generate high yields of specific monoclonal antibodies directed against biologically active lower antigenic peptides within presenilin 1. *J Immunol Methods* 251(1-2): 31-43.

Valentino, K. L., Winter, J. and Reichardt, L. F. (1985). Applications of monoclonal antibodies to neuroscience research. *Annu Rev Neurosci* 8: 199-232.

von Mehren, M., Adams, G. P. and Weiner, L. M. (2003). Monoclonal antibody therapy for cancer. *Annu Rev Med* 54: 343-369.

Walker, K. Z., Gibson, J., Axiak, S. M. and Prentice, R. L. (1986). Potentiation of hybridoma production by the use of mouse fibroblast conditioned media. *J Immunol Methods* 88(1): 75-81.

Wohlleben, G., Gray, D. and Schimpl, A. (1996). In vitro immunization of naive mouse B cells: establishment of IgM secreting hybridomas specific for soluble protein or hapten from B cells cultured on CD40 ligand transfected mouse fibroblasts. *Int Immunol* 8(3): 343-349.

Yelton, D. E. and Scharff, M. D. (1981). Monoclonal Antibodies: A Powerful New Tool in Biology and Medicine. *Ann. Rev. Biochem* 50: 657-680.

Zhu, Y., Jin, B., Sun, C., Huang, C., *et al.* (1993). The effects of hybridoma growth factor in conditioned media upon the growth, cloning, and antibody production of heterohybridoma cell lines. *Hum Antibodies Hybridomas* 4(1): 31-35.