

## Papers to Appear in Forthcoming Issues

(Received and Accepted Dates Follow Title)

- MARIANNE KING, PATRICIA McDERMOTT, AND ALAN D. SCHREIBER. Characterization of the Fc $\gamma$  Receptor on Human Platelets. (Received 10/4/89; accepted 1/13/90.)
- ANKE BENDER AND DIETER KABELITZ. CD4-CD8- Human T Cells: Phenotypic Heterogeneity and Activation Requirements of Freshly Isolated "Doublenegative" T Cells. (Received 10/2/89; accepted 12/12/89.)
- A. H. M. GALY, C. A. DINARELLO, T. S. KUPPER, AND J. W. HADDEN. Effects of Cytokines on Human Thymic Epithelial Cells in Culture. II. Recombinant IL1 Stimulates Thymic Epithelial Cells to Produce Cytokines. (Received 1/19/90; accepted 2/16/90.)
- IRENE ATHANASSAKIS-VASSILIADIS, VASILIS K. GALANOPOULOS, MARIRENA GRIGORIOU, AND JOSEPH PAPAMATHEAKIS. Induction of Class II MHC Antigen Expression on the Murine Placenta by 5-Azacytidine Correlates with Fetal Abortion. (Received 2/2/90; accepted 2/16/90.)
- MARCELLO BAGNASCO, GIAMPAOLA PESCE, CATERINA PRONZATO, AND GIORGIO WALTER CANONICA. Functional Involvement of LFA-1/ICAM-1 Adhesion System in the Autologous Mixed Lymphocyte Reaction. (Received 11/7/89; accepted 2/19/90.)
- HUBERT SCHÄFER, DAVID BAKER, BERNHARD THIELE, AND REINHARD BURGER. Structure, Cellular Distribution, and Functional Characteristics of the Guinea Pig Leucocyte Common Antigen. (Received 11/8/89; accepted 2/19/90.)
- MIODRAG BELOSEVICI AND CAROL A. NACY. Interleukin-2, Anti-interleukin-2 Receptor Antibody, and Activation of Macrophages. (Received 2/12/90; accepted 2/26/90.)
- BÂNÛ BASTIN, MARCEL D. PAYET, AND GILLES DUPUIS. Effects of Modulators of Adenylyl Cyclase on Interleukin-2 Production, Cytosolic Ca<sup>2+</sup> Elevation and K<sup>+</sup> Channel Activity in Jurkat T Cells. (Received 11/8/89; accepted 2/26/90.)
- HIDEAKI IRIBE, SUSUMU TARUTANI, AND TOSHITAKA KOGA. Characterization of the Antibody Response against the Type II Collagen Induced by Anti-idiotypic Antibody. (Received 11/27/89; accepted 2/25/90.)
- JEFFREY LAURENCE, JOSEPH KULKOSKY, BEI DONG, ELLEN EARLY, RALPH SNYDERMAN, AND GEORGE J. CIANCIOLO. A Soluble Inhibitor of T Lymphocyte Function Induced by HIV-1 Infection of CD4<sup>+</sup> T Cells: Characterization of a Cellular Protein and Its Relationship to p154E<sup>1</sup>. (Received 5/10/89; accepted 2/27/90.)

- R. ULLRICH, H. L. SCHIEFERDECKER, K. ZIEGLER, E. O. RIECKEN, AND M. ZEITZ.  $\gamma\delta$  T Cells in the Human Intestine Express Surface Markers of Activation and Are Preferentially Located in the Epithelium. (Received 2/20/90; accepted 3/2/90.)
- DAVID A. FOX, WILLIAM DAVIS, WENDY ZELDES, LI KAN, JAY HIGGS, ALLAN D. DUBY, AND JOSEPH HOLOSHITZ. Activation of Human T Cell Clones through the UM4D4/CDw60 Surface Antigen. (Received 1/8/90; accepted 3/2/90.)
- SWEY-SHEN CHEN AND QING LI. Transforming Growth Factor- $\beta_1$  (TGF- $\beta_1$ ) Is a Bi-functional Immune Regulator for Mucosal IgA Responses. (Received 10/16/89; accepted 2/26/90.)
- DAVID NAOR, GAIL ESSERY, NORA TARCIC, MELVYN KAHAN, AND MARC FELDMANN. Interactions between Autologous T Cell Clones. (Received 1/26/90; accepted 3/2/90.)
- LORY D. WIVIOTT, CHRISTOPHER M. WALKER, AND JAY A. LEVY. CD8+ Lymphocytes Suppress HIV Production by Autologous CD4+ Cells without Eliminating the Infected Cells from Culture. (Received 12/27/89; accepted 3/6/90.)
- D. BENJAMIN, A. ROSOLEN, S. B. WORMSLEY, L. E. DEBAULT, AND O. R. COLAMONICI. Expression of Low, Intermediate, and High Affinity IL-2 Receptors on B Cell Lines Derived from Patients with Undifferentiated Lymphoma of Burkitt's and Non-Burkitt's Types. (Received 11/10/89; accepted 3/6/90.)
- MOHAN L. SOPORI, LESLIE A. DONALDSON, AND SUSAN M. SAVAGE. T Lymphocyte Heterogeneity in the Rat. III. Autoreactive T Cells Are Activated by B Cells. (Received 1/17/90; accepted 3/6/90.)
- LEO I. GORDON, CYNTHIA SCHMEICHEL, SHEILA PRACHAND, AND SIGMUND A. WEITZMAN. Inhibition of Polymorphonuclear Leukocyte Oxidative Metabolism by Exogenous Phospholipase C. (Received 1/19/90; accepted 3/5/90.)
- J. SCOTT BRYSON, LORI A. JONES, BETTY E. CAYWOOD, AND ALAN M. KAPLAN. *In Vivo* Regulation of the Murine Syngeneic Mixed Lymphocyte Reaction. (Received 1/9/90; accepted 3/5/90.)
- ANTONIO RUIZ, MICHAEL J. ROY, AND MARK GORDON. A Novel Surface Antigen Expressed by Mature and Activated Rabbit T-Lymphocytes. (Received 9/18/89; accepted 3/5/90.)
- CAROL LANDON, MAREK NOWICKI, SHUNJI SUGAWARA, AND GUNTHER DENNERT. Differential Effects of Protein Synthesis Inhibition on CTL and Targets in Cell Mediated Cytotoxicity. (Received 12/5/89; accepted 3/7/90.)
- JOHN V. REYNOLDS, JIAN SHOU, ROBERT SIGAL, MORITZ ZIEGLER, AND JOHN M. DALY. The Influence of Protein Malnutrition on T Cell, Natural Killer Cell, and Lymphokine Activated Killer Cell Function, and on Biological Responsiveness to High Dose Interleukin-2. (Received 12/27/89; accepted 3/7/90.)
- HELEN BRALEY-MULLEN. Distinct Populations of Antigen Presenting Cells Are Required for Activation of Suppressor and Contrasuppressor T Cells by Type III Pneumococcal Polysaccharide. (Received 7/28/89; accepted 3/7/90.)
- MICHEL HOUDE AND D. JIT S. ARORA. Stimulation of Tumor Necrosis Factor Secretion by Purified Influenza Virus Neuraminidase. (Received 9/6/89; accepted 3/7/90.)

- STEPHEN G. SWISHER, JAMES S. ECONOMOU, E. CARMACK HOLMES, AND SIDNEY H. GOLUB. TNF- $\alpha$  and IFN- $\gamma$  Reverse IL-4 Inhibition of Lymphokine-Activated Killer Cell Function. (Received 9/29/89; accepted 3/10/90.)
- ZAO-DUNG LING, HERMAN J. ZILTENER, BARBARA T. WEBB, AND DAVID S. MATHESON. Aggregated Immunoglobulin and Fc Fragment to IgG Induce IL-6 Release from Human Monocytes. (Received 8/9/89; accepted 3/10/90.)
- HELMUT GMÜNDER, HANS-PETER ECK, BERND BENNINGHOFF, STEFFEN ROTH, AND WULF DRÖGE. Macrophages Regulate Intracellular Glutathione Levels of Lymphocytes: Evidence for an Immunoregulatory Role of Cysteine. (Received 1/2/90; accepted 3/7/90.)
- GARY R. KLIMPEL, ANTHONY J. INFANTE, JAMES PATTERSON, CYNTHIA B. HESS, AND MARIA ASUNCION. Virus Induced Interferon  $\alpha/\beta$  (IFN  $\alpha/\beta$ ) Production by T Cells and by Th1 and Th2 Helper T Cell Clones: A Study of the Immunoregulatory Actions of IFN $\gamma$  versus IFN  $\alpha/\beta$  on Functions of Different T Cell Populations. (Received 1/16/90; accepted 3/12/90.)
- CARLA A. MARTIN AND MARTIN E. DORF. Interleukin-6 Production by Murine Macrophage Cell Lines P388D1 and J774 Stimulation Requirements and Kinetics. (Received 12/19/89; accepted 3/12/90.)
- P. MOINGEON, Y.-J. JIN, C. C. STEBBINS, P. A. LOPEZ, A. ALCOVER, AND E. L. REINHERZ. Characterization of Functional GTP Binding Proteins in Jurkat T Cell Mutants Lacking either CD3-Ti or CD2 Surface Receptors. (Received 1/25/90; accepted 3/14/90.)
- CARLO CHIZZOLINI, ANNE GEINOZ, MARIE-HELENE KAUFMANN, AND DIRK SCHRIJVERS. Defective *in Vitro* Production of Anti-*Plasmodium falciparum* Antibodies in Some Malaria-Immune Subjects. (Received 2/6/90; accepted 3/15/90.)
- A. H. M. GALY, C. A. DINARELLO, T. S. KUPPER, A. KAMEDA, AND J. W. HADDEN. Effects of Cytokines on Human Thymic Epithelial Cells in Culture. II. Recombinant IL1 Stimulates Thymic Epithelial Cells to Produce IL6 and GM-CSF. (Received 1/19/90; accepted 3/18/90.)
- SABURO YAMAMOTO, DAVE S. B. HOON, PETER CHANDLER, INGRID SCHMID, AND REIKO F. IRIE. Generation of Lymphokine-Activated Killer Cell Activity by Low Dose Recombinant Interleukin-2 and Tumor Cells. (Received 7/5/89; accepted 3/16/90.)
- P. VÉGH, L. BARANYI, AND T. JÁNOSSY. Induction of Transplantation Tolerance and Development of Lymphomas in Mice: Lack of Interdependence. (Received 1/22/90; accepted 3/16/90.)
- ROBERT B. LEVY, MONICA JONES, AND CAROLYN CRAY. HSV-1 Enhances GvHR Associated Parent Anti-F1 Alloreactivity *in Vivo* and *in Vitro*. (Received 8/1/89; accepted 3/16/90.)
- IRENE ATHANASSAKIS, GERARD CHAOUAT, AND THOMAS G. WEGMANN. The Effects of Anti-CD4 and Anti-CD8 Antibody Treatment on Placental Growth and Function in Allogeneic and Syngeneic Murine Pregnancy. (Received 8/18/89; accepted 3/16/90.)

- M. RAFFAELLA ZOCCHI, FEDERICA MARELLI, AND ALESSANDRO POGGI. CD1<sup>+</sup> Thymocytes Proliferate and Give Rise to Functional Cells after Stimulation with Monoclonal Antibodies Recognizing CD3 or CD2 or CD28 Surface Molecules. (Received 2/15/90; accepted 3/19/90.)
- JEAN-MARC CAVAILLON, LAURENT VIDARD, SARAH BOUDALY, CATHERINE FITTING, LUCHINO COHEN, MICHEL SEMAN, AND BERNARD DAVID. Induction of Interleukin-3 by Interleukin-1 in the Absence of Other Exogenous Stimuli. (Received 7/21/89; accepted 3/22/90.)
- ASHLEY KING AND Y. W. LOKE. Human Trophoblast and JEG Choriocarcinoma Cells Are Sensitive to Lysis by IL-2 Stimulated Decidual NK Cells. (Received 3/9/90; accepted 3/27/90.)
- ZHANG JINGWU, CHI-HSIN J. CHOU, GEORGE HASHIM, ROBERT MEDAER, AND JEF C. M. RAUS. Preferential Peptide Specificity and HLA Restriction of Myelin Basic Protein-Specific T Cell Clones Derived from MS Patients. (Received 12/8/89; accepted 3/25/90.)
- HIROYUKI KOBAYASHI, HISASHI ASO, NAKAO ISHIDA, HIROSHI MAEDA, RICHARD B. POLLARD, AND FUJIO SUZUKI. Depletion of Macrophages Expressing I-J Antigen Results in Efficient Generation of Alloreactive Cytotoxic T Lymphocytes. (Received 12/12/89; accepted 3/25/90.)
- THERESA H. PIELA AND JOSEPH H. KORN. ICAM-1 Dependent Fibroblast-Lymphocyte Adhesion: Discordance between Surface Expression and Function of ICAM-1. (Received 12/15/89; accepted 3/26/90.)
- L. SCARINGI, P. CORNACCHIONE, E. ROSATI, M. BOCCANERA, A. CASSONE, F. BISTONI, AND P. MARCONI. Induction of LAK-like Cells in the Peritoneal Cavity of Mice by Inactivated *Candida albicans*. (Received 8/16/89; accepted 3/28/90.)
- SUSANNE BECKER AND ELIZABETH G. DANIEL. Antagonistic and Additive Effects of IL-4 and Interferon-Gamma on Human Monocytes and Macrophages: Effects on Fc Receptors, HLA-D Antigens, and Superoxide Production. (Received 1/9/90; accepted 3/28/90.)
- ANNE H. CROSS, SCOTT DOLICH, AND CEDRIC S. RAINE. Antigen Processing of Myelin Basic Protein Is Required Prior to Recognition by T Cells Inducing EAE. (Received 10/22/89; accepted 3/29/90.)
- JOSEPH M. DAVIS, JONI ST. JOHN, AND H. TAK CHEUNG. Haptotactic Activity of Fibronectin on Lymphocyte Migration *in Vitro*. (Received 2/16/90; accepted 4/2/90.)
- CLIFFORD M. SNAPPER. Regulation of Murine B Cell THY-1 Expression by IL-4, IFN- $\gamma$ , and CD4<sup>+</sup> T Cell Subsets. (Received 2/27/90; accepted 4/2/90.)
- KATHERINE A. LAYBOURN, JOHN C. HISERODT, JOHN M. HUNT, STEWART SELL, AND DAVID S. STRAYER. Natural Cell-Mediated Immunity in the Rabbit. (Received 2/20/90; accepted 4/2/90.)
- HELEN C. O'NEILL. Preferential Usage of the V $\beta$ 8 Gene Family by CD4- and CD8-T Cell Lines Derived from Spleen. (Received 1/30/90; accepted 4/2/90.)
- RAYMOND E. FELGAR AND JOHN C. HISERODT. *In Vivo* Migration and Tissue Localization of Highly Purified Lymphokine-Activated Killer Cells (A-LAK Cells) in Tumor-Bearing Rats. (Received 11/7/89; accepted 4/2/90.)

- RENAAT PELEMAN AND GUY DELESPESE. *In Vitro* Synthesis of Human IgE by Neonatal Lymphocytes; Enhancing Effect of Interferon- $\gamma$ . (Received 11/14/89; accepted 4/2/90.)
- G. HEDLUND, M. DOHLSTEN, P. A. LANDO, AND T. KALLAND. Staphylococcal Enterotoxins Direct and Trigger CTL-Killing of Autologous HLA-DR<sup>+</sup> Mononuclear Leukocytes and Freshly Prepared Leukemia Cells. (Received 1/5/90; accepted 4/4/90.)
- MICHAEL G. GOODMAN. B Lymphocytes from Hyporesponsive SJL Mice Contain Aberrant Nucleoside Binding Sites. (Received 1/11/90; accepted 4/4/90.)
- EDMUND J. GOSSELIN AND DAVID C. PARKER. Class II MHC Molecules and Antigen Enter the Same Vesicles during Internalization by Resting B Lymphocytes. (Received 2/23/90; accepted 4/2/90.)
- KEISUKE SAKAI, ALFRED E. CHANG, AND SUYU SHU. Effector Phenotype and Immunologic Specificity of T Cell Mediated Adoptive Therapy for a Murine Tumor That Lacks Intrinsic Immunogenicity. (Received 2/27/90; accepted 4/2/90.)
- C. FOSSUM, M. BERGSTRÖM, K. LÖVGREN, D. L. WATSON, AND B. MOREIN. Effect of Iscoms and Their Adjuvant Moiety (Matrix) on the Initial Proliferation and IL-2 Responses. Comparison of Spleen Cells from Mice Inoculated with Iscoms and/or Matrix. (Received 3/7/90; accepted 4/4/90.)
- VÉRONIQUE BOYER, MADELEINE DUC DODON, AND LOUIS GAZZOLO. Human T-Cell Leukemia Virus Type I Induces DNA Synthesis and Immunoglobulin Secretion in Human Lymphocyte Cultures. (Received 12/18/89; accepted 4/5/90.)
- GRAHAM PAWELEC, KURT SCHAUDT, ARNIKA REHBEIN, DANIEL OLIVE, AND HANS-JÖRG BÜHRING. Human T Cell Clones with  $\gamma/\delta$  and  $\alpha/\beta$  Receptors Are Differently Stimulated by Monoclonal Antibodies to CD2. (Received 2/8/90; accepted 4/6/90)
- RICHARD P. CIAVARRA AND ALAN SIMEONE. T Lymphocyte Stress Response. I. Induction of Heat Shock Protein Synthesis at Febrile Temperatures Is Correlated with Enhanced Resistance to Hyperthermic Stress but Not to Heavy Metal Toxicity or Dexamethasone-Induced Immunosuppression. (Received 1/9/90; accepted 4/6/90.)
- DURGAPRASADARAO ATLURU, SUBHASHINI POLAM, SUBBAYAMMA ATLURU, AND GAYLE E. WOLOSCHAK. Regulation of Mitogen Stimulated Human T-Cell Proliferation, Interleukin-2 Production and Interleukin-2 Receptor Expression by Protein Kinase C Inhibitor, H-7. (Received 12/6/89; accepted 4/2/90.)