

Contents

COMMUNICATIONS

- | | | |
|---|------|--|
| N. Emi, R. Ueda, and T. Takahashi | 2817 | Isolation of Stable Mouse L Cell Transfectant Expressing Human T Cell Differentiation Antigen, Tp40 |
| A. D. O'Brien, D. A. Weinstein, M. Y. Soliman, and D. L. Rosenstreich | 2820 | Additional Evidence that the <i>Lps</i> Gene Locus Regulates Natural Resistance to <i>S. typhimurium</i> in Mice |
| H. M. Johnson and B. A. Torres | 2824 | Peptide Growth Factors PDGF, EGF, and FGF Regulate Interferon- γ Production |

CELLULAR IMMUNOLOGY

- | | | |
|--|------|---|
| H. Spieker-Polet, K. Hagen, and M. Teodorescu | 2827 | The Role of Intercellular Contacts in the Activation of B Lymphocytes by Anti-Immunoglobulin Antibodies |
| N. E. Phillips and D. C. Parker | 2835 | Subclass Specificity of Fc γ Receptor-Mediated Inhibition of Mouse B Cell Activation |
| S. Kimura, J. H. Eldridge, S. M. Michalek, I. Morisaki, S. Hamada, and J. R. McGhee | 2839 | Immunoregulation in the Rat: Ontogeny of B Cell Responses to Types 1, 2, and T-Dependent Antigens |
| M. V. Hobbs, E. L. Morgan, and W. O. Weigle | 2847 | Synthetic Fc Peptide-Mediated Regulation of the Immune Response. II. Analysis of Secreted Immunoglobulin Classes, Accessory Cell Contribution, and Lymphocyte Proliferation in p23-Stimulated Spleen Cell Cultures |
| T. Lindsten, L. J. Yaffe, C. B. Thompson, G. Guelde, A. Berning, I. Scher, and J. J. Kenny | 2853 | The Role of Complement Receptor Positive and Complement Receptor Negative B Cells in the Primary and Secondary Immune Response to Thymus Independent Type 2 and Thymus Dependent Antigens |
| R. DeKruyff, C. Clayberger, R. Fay, and H. Cantor | 2860 | B Cell Activation: Role of Dendritic and T Cell Factors in the Response to Thymic Independent and Dependent Antigens |
| G. Moser, M. G. Kauffman, and A. K. Abbas | 2867 | Accessory Cells in Immune Suppression. II. Evidence for Presentation of Idiotypic-Specific Suppressor Factors to B Cell Targets by I-A ⁺ Accessory Cells |
| J. E. Berman and S. Zolla-Pazner | 2872 | Control of B Cell Proliferation: Inhibition of Responses to B Cell Mitogens Induced by Plasma Cell Tumors |
| A. S. Edelman, B. S. Bhogal, M. K. Bell, and G. J. Thorbecke | 2879 | Ability of Chicken B Cells from Different Compartments to Respond to TNP-Ficoll |
| N. W. Miller, R. C. Sizemore, and L. W. Clem | 2884 | Phylogeny of Lymphocyte Heterogeneity: The Cellular Requirements for In Vitro Antibody Responses of Channel Catfish Leukocytes |
| R. D. Schrier, G. Y. Ishioka, L. I. Pizer, and J. W. Moorhead | 2889 | Delayed Hypersensitivity and Immune Protection against Herpes Simplex Virus: Suppressor T Cell that Regulate the Induction of Delayed Hypersensitivity Effector T Cells also Regulate the Induction of Protective T Cells |
| C. T. Morita, J. W. Goodman, and G. K. Lewis | 2894 | Arsonate-Specific Murine T Cell Clones. II. Delayed-Type Hypersensitivity Induced by <i>p</i> -Azobenzenearsonate-L-Tyrosine (ABA-Tyr) |
| G. J. Spangrude, B. A. Araneo, and R. A. Daynes | 2900 | Site-Selective Homing of Antigen-Primed Lymphocyte Populations Can Play a Crucial Role in the Efferent Limb of Cell-Mediated Immune Responses In Vivo |

Continued on page 4

Continued from page 3

- | | | |
|--|------|--|
| P. L. Witte, J. Stein-Streilein,
and J. W. Streilein | 2908 | Description of Phenotypically Distinct T-Lymphocyte Subsets which Mediate Helper/DTH and Cytotoxic Functions in the Syrian Hamster |
| N. Hollander | 2916 | Antibodies to Nonpolymorphic Determinants of the Thy-1 Molecule Inhibit T Cell Proliferation |
| R. C. Howe and J. H. Russell | 2922 | Analysis of the Binding and Postbinding Activities of an Inducible Cloned CTL Line at the Population and Single-Cell Level |
| P. Moingeon, A. Nowill, G. Courtois, B. Azzarone, P. Motte, A. Ythier, C. Bohuon, and T. Hercend | 2930 | A Target Structure for a Series of Human Cloned Natural Killer Cell Lines Is Recognized by both Anti-TNKtar and 4F2 Monoclonal Antibodies |
| L. L. Perry and I. R. Williams | 2935 | Regulation of Transplantation Immunity In Vivo by Monoclonal Antibodies Recognizing Host Class II Restriction Elements. I. Genetics and Specificity of Anti-Ia Immunotherapy in Murine Skin Allograft Recipients |
| I. R. Williams and L. L. Perry | 2942 | Regulation of Transplantation Immunity In Vivo by Monoclonal Antibodies Recognizing Host Class II Restriction Elements. II. Effects of Anti-Ia Immunotherapy on Host T Cell Responses to Graft Alloantigens |
| R. E. Click, A. M. Adelman, and M. M. Azar | 2948 | Immune Responses In Vitro. XIII. MLR Detectability of <i>Mls^a</i> , <i>Mls^b</i> , <i>Mls^c</i> , and <i>Mis^d</i> Encoded Products |
| H. Ishikawa, E. Kubota, H. Suzuki, and K. Saito | 2953 | The Target Minor H Antigen for F ₁ Cytotoxic T Lymphocytes Induced by Igh-Congenic Parental Spleen Cells Is Coded for by Gene Linked to H-2 |
| A. Finnegan, B. W. Needleman, and R. J. Hodes | 2960 | Antigen Processing Requirements for T Cell Activation: Differential Requirements for Presentation of Soluble Conventional Antigen vs Cell Surface MHC Determinants |
| N. Kiger, C. Chaouat, J.-P. Kolb, T. G. Wegmann, and J.-L. Guenet | 2966 | Immunogenetic Studies of Spontaneous Abortion in Mice: Preimmunization of Females with Allogeneic Cells |
| A. G. Farr and S. K. Anderson | 2971 | Epithelial Heterogeneity in the Murine Thymus: Fucose-Specific Lectins Bind Medullary Epithelial Cells |
| D. A. Sullivan and M. R. Allansmith | 2978 | Hormonal Influence on the Secretory Immune System of the Eye: Androgen Modulation of IgA Levels in Tears of Rats |

CLINICAL IMMUNOLOGY • IMMUNOPATHOLOGY

- | | | |
|---|------|---|
| T. F. Tedder, L. T. Clement, and Max D. Cooper | 2983 | Human Lymphocyte Differentiation Antigens HB-10 and HB-11. I. Ontogeny of Antigen Expression |
| T. F. Tedder, M. D. Cooper, and Loran T. Clement | 2989 | Human Lymphocyte Differentiation Antigens HB-10 and HB-11. II. Differential Production of B Cell Growth and Differentiation Factors by Distinct Helper T Cell Subpopulations |
| G. S. Kansas, G. S. Wood, D. M. Fishwild, and E. G. Engleman | 2995 | Functional Characterization of Human T Lymphocyte Subsets Distinguished by Monoclonal Anti-Leu-8 |
| G. S. Kansas, G. S. Wood, and E. G. Engleman | 3003 | Maturation and Functional Diversity of Human B Lymphocytes Delineated with Anti-Leu-8 |
| D. A. Thorley-Lawson, L. M. Nadler, A. K. Bhan, and R. T. Schooley | 3007 | Blast-2 (EBVCS), An Early Cell Surface Marker of Human B Cell Activation, is Superinduced by Epstein Barr Virus |
| M. Capron, J. P. Kusnierz, L. Prin, H. L. Spiegelberg, G. Ov-laue, P. Gosset, A.-B. Tonnel, and A. Capron | 3013 | Cytophilic IgE on Human Blood and Tissue Eosinophils: Detection by Flow Microfluorometry |
| S. Shaw, G. Goldstein, T. A. Springer, and W. E. Biddison | 3019 | Susceptibility of Cytotoxic T Lymphocyte (CTL) Clones to Inhibition by Anti-T3 and Anti-T4 (but not Anti-LFA-1) Monoclonal Antibodies Varies with the "Avidity" of CTL-Target Interaction |
| D. H. Russell, R. Kibler, L. Matrisian, D. F. Larson, B. Poulos, and B. E. Magun | 3027 | Prolactin Receptors on Human T and B Lymphocytes: Antagonism of Prolactin Binding by Cyclosporine |
| J. M. Lemire, J. S. Adams, V. Kermani-Arab, A. C. Bakke, R. Sakai, and S. C. Jordan | 3032 | 1,25-Dihydroxyvitamin D ₃ Suppresses Human T Helper/Inducer Lymphocyte Activity In Vitro |
| G. B. Mills, C. J. Ledgley, T. Hibi, D. White, P. Lam, and H.-M. Dosch | 3036 | Lymphocyte Function in Human Bone Marrow. I. Characterization of Two T Cell Populations Regulating Immunoglobulin Secretion |
| J. E. Baley and B. Z. Schacter | 3042 | Mechanisms of Diminished Natural Killer Cell Activity in Pregnant Women and Neonates |

Continued on page 5

Continued from page 4

- | | | |
|--|------|--|
| G. Scala, P. Allavena, J. R. Ortaldo, R. B. Herberman, and J. J. Oppenheim | 3049 | Subsets of Human Large Granular Lymphocytes (LGL) Exhibit Accessory Cell Functions |
| G. Hale, M. Clark, and H. Waldmann | 3056 | Therapeutic Potential of Rat Monoclonal Antibodies: Isotype Specificity of Antibody-Dependent Cell-Mediated Cytotoxicity with Human Lymphocytes |
| M. Roebber, D. G. Klapper, L. Goodfriend, W. B. Bias, S. H. Hsu, and D. G. Marsh | 3062 | Immunochemical and Genetic Studies of <i>Amb.t.</i> V (Ra5G), an Ra5 Homologue from Giant Ragweed Pollen |
| M. E. Conley | 3070 | B Cells in Patients with X-Linked Agammaglobulinemia |
| F. Miedema, P. A. T. Tetteroo, F. G. Terpstra, G. Keizer, M. Roos, R. S. Weening, C. M. R. Weemaes, D. Roos, and C. J. M. Melief | 3075 | Immunologic Studies with LFA-1- and Mol-Deficient Lymphocytes from a Patient with Recurrent Bacterial Infections |
| G. Tosato, S. Straus, W. Henle, S. E. Pike, and R. M. Blaese | 3082 | Characteristic T Cell Dysfunction in Patients with Chronic Active Epstein-Barr-Virus Infection (Chronic Infectious Mononucleosis) |
| L. Daley, G. B. Pier, J. D. Liporace, and D. D. Eardley | 3089 | Polyclonal B Cell Stimulation and Interleukin 1 Induction by the Mucoid Exopolysaccharide of <i>Pseudomonas aeruginosa</i> Associated with Cystic Fibrosis |
| N. Page, N. Murray, G. Perruisseau, and A. J. Steck | 3094 | A Monoclonal Anti-Idiotypic Antibody against a Human Monoclonal IgM with Specificity for Myelin-Associated Glycoprotein |
| R. M. McCarron, O. Kempinski, M. Spatz, and D. E. McFarlin | 3100 | Presentation of Myelin Basic Protein by Murine Cerebral Vascular Endothelial Cells |

CYTOKINES • MEDIATORS • REGULATORY MOLECULES

- | | | |
|---|------|---|
| H. Kishi, S. Inui, A. Muraguchi, T. Hirano, Y. Yamamura, and T. Kishimoto | 3104 | Induction of IgG Secretion in a Human B Cell Clone with Recombinant IL 2 |
| D. N. Männel, S. B. Mizel, T. Diamantstein, and W. Falk | 3108 | Induction of Interleukin 2 Responsiveness in Thymocytes by Synergistic Action of Interleukin 1 and Interleukin 2 |
| T. Suzuki and M. D. Cooper | 3111 | Comparison of the Expression of IL 2 Receptors by Human T and B Cells: Induction by the Polyclonal Mitogens Phorbol Myristate Acetate, and Anti- γ Antibody |
| Y. J. Rosenberg, T. R. Malek, D. E. Schaeffer, T. J. Santoro, G. E. Mark, A. D. Steinberg, and J. D. Mountz | 3120 | Unusual Expression of IL 2 Receptors and both the <i>c-myc</i> and <i>c-ras</i> Oncogenes in T Cell Lines and Clones Derived from Autoimmune MRL- <i>lpr/lpr</i> Mice |
| K. Itoh, K. Shiiba, Y. Shimizu, R. Suzuki, and K. Kumagai | 3124 | Generation of Activated Killer (AK) Cells by Recombinant Interleukin 2 (rIL 2) in Collaboration with Interferon- γ (IFN- γ) |
| S. Koyasu, H. Nakauchi, K. Kitamura, S. Yonehara, K. Okumura, T. Tada, and I. Yahara | 3130 | Production of Interleukin 3 and Interferon- γ by an Antigen-Specific Mouse Suppressor T Cell Clone |
| V. E. Reyes, K. D. Klimpel, and G. R. Klimpel | 3137 | T Cell Regulation of Interferon γ/β (IFN- α/β) Production by Alloantigen-Stimulated Bone Marrow Cells |
| C. E. Brinckerhoff and P. M. Guyre | 3142 | Increased Proliferation of Human Synovial Fibroblasts Treated with Recombinant Immune Interferon |
| G. S. Habicht, G. Beck, J. L. Benach, J. L. Coleman, and K. D. Leightling | 3147 | Lyme Disease Spirochetes Induce Human and Murine Interleukin 1 Production |
| C. Y. Lau, E. Y. Wang, D. Li, S. Budz-Tymkewycz, V. Visconti, and A. Ishaque | 3155 | Mechanism of Action of a Suppressor-Activating Factor (SAF) Produced by A Human T Cell Line |
| T. A. Ferguson, K. D. Beaman, and G. M. Iverson | 3163 | Isolation and Characterization of a T Suppressor Factor by Using a Monoclonal Antibody |
| K. Chiba, T. Nishimura, and Y. Hashimoto | 3172 | Stimulated Rat T Cell-Derived Inhibitory Factor for Cellular DNA Synthesis (STIF). III. Effect on Cell Proliferation and Immune Responses |
| V. Pistoia, F. Cozzolino, M. Torcia, E. Castigli, and M. Ferrarini | 3179 | Production of B Cell Growth Factor by an Leu-7 ⁺ , OKM1 ⁺ Non-T Cell with the Features of Large Granular Lymphocytes (LGL) |

Continued on page 6

Continued from page 5

- | | | |
|---|------|--|
| J. G. Dohlman, M. P. Cooke, D. G. Payan, and E. J. Goetzl | 3185 | Structural Diversity of the Fibroblast-Activating Factors Generated by Human Blood Monocytes and U937 Cells |
| J. W. Choy, C. G. Becker, G. W. Siskind, and T. Francus | 3193 | Effects of Tobacco Glycoprotein (TGP) on the Immune System. I. TGP Is a T-Independent B Cell Mitogen for Murine Lymphoid Cells |
| I. R. Katz, M. K. Hoffmann, M. B. Zucker, M. K. Bell, and G. J. Thorbecke | 3199 | A Platelet-Derived Immunoregulatory Serum Factor with T Cell Affinity |
| T. L. Feldbush and A. K. Ballas | 3204 | Lymphokine-like Activity of 8-Mercaptoguanosine: Induction of T and B Cell Differentiation |

IMMUNOCHEMISTRY

- | | | |
|--|------|--|
| M. L. Bosch, I. Schreuder, H. Spits, A. Termijtelen, M. G. J. Tilanus, and M. J. Giphart | 3212 | Polymorphisms within the HLA-DRw6 Haplotype. I. Restriction Fragment Length Variation and Its Correlation with Serology |
| R. N. Jenkins, C. J. Aldrich, L. A. Lopez, and R. R. Rich | 3218 | Oligosaccharide Dependent and Independent Qa-1 Determinants |
| F. L. Norton, P. R. Morrow, and C. Y. Leung, and E. Benjamini | 3226 | The Idiotypic Characterization of the Immune Response to a Defined Epitope of a Protein Antigen and the Specific In Vivo Suppression of the Immune Response to this Epitope by Anti-Idiotypic Antibodies |
| Z. Kovac and R. H. Schwartz | 3233 | The Molecular Basis of the Requirement for Antigen Processing of Pigeon Cytochrome c Prior to T Cell Activation |
| A. Hirayama, Y. Takagaki, and F. Karush | 3241 | Interaction of Monoclonal Anti-Peptide Antibodies with Lysozyme |
| J. F. Kaufman, M. F. Flajnik, L. Du Pasquier, and P. Riegert | 3248 | Xenopus MHC Class II Molecules. I. Identification and Structural Characterization |
| J. F. Kaufman, M. F. Flajnik, and L. Du Pasquier | 3258 | Xenopus MHC Class II Molecules. II. Polymorphism as Determined by Two-Dimensional Gel Electrophoresis |
| R. S. Accolla, G. Carra, F. Buchegger, S. Carrel, and J.-P. Mach | 3265 | The Human Ia-Associated Invariant Chain Is Synthesized in Ia-Negative B Cell Variants and Is Not Expressed on the Cell Surface of Both Ia-Negative and Ia-Positive Parental Cells |
| J. E. K. Hildreth and J. T. August | 3272 | The Human Lymphocyte Function-Associated (HFLA) Antigen and a Related Macrophage Differentiation Antigen (HMac-1): Functional Effects of Subunit-Specific Monoclonal Antibodies |
| P. P. Chen, F. Goni, S. Fong, F. Jirik, J. H. Vaughan, B. Frangione, and D. A. Carson | 3281 | The Majority of Human Monoclonal IgM Rheumatoid Factors Express a "Primary Structure-Dependent" Cross-Reactive Idiotypic |
| B. A. Miller, G. Antognetti, and T. A. Springer | 3286 | Identification of Cell Surface Antigens Present on Murine Hematopoietic Stem Cells |
| S. Haba, Z. Ovary, and A. Nisonoff | 3291 | Clearance of IgE from Serum of Normal and Hybridoma-bearing Mice |
| M. B. Goldman, K. S. O'Rourke, D. S. Becker, and J. N. Goldman | 3298 | Antibody-Induced Suppression and Postsuppression Stimulation of Complement In Vitro. II. Intracellular and Extracellular Changes in C4 during Long-term C4 Suppression in Guinea Pig Splenic Fragments |
| G. D. Ross, J. A. Cain, and P. J. Lachmann | 3307 | Membrane Complement Receptor Type Three (CR ₃) Has Lectin-like Properties Analogous to Bovine Conglutinin and Functions as a Receptor for Zymosan and Rabbit Erythrocytes as well as a Receptor for iC3b |
| N. Okada, T. Yasuda, and H. Okada | 3316 | Antibody-Mediated Alternative Complement Pathway Activation Resists Inhibition of Sialoglycolipids |
| T. Fujita, T. Kamato, and N. Tamura | 3320 | Characterization of Functional Properties of C4-Binding Protein by Monoclonal Antibodies |
| S. R. Marder, D. E. Chenoweth, I. M. Goldstein, and H. D. Perez | 3325 | Chemotactic Responses of Human Peripheral Blood Monocytes to the Complement-Derived Peptides C5a and C5a DES ARG |
| S. H. Yoon and D. T. Fearon | 3332 | Characterization of a Soluble Form of the C3b/C4b Receptor (CR1) in Human Plasma |
| D. L. Gordon, R. A. Krueger, P. G. Quie, and M. K. Hostetter | 3339 | Amidation of C3 at the Thiolester Site: Stimulation of Chemiluminescence and Phagocytosis by a New Inflammatory Mediator |

Continued on page 7

IMMUNOPHARMACOLOGY

- | | | |
|---|------|---|
| D. A. Melnick, W. M. Nauseef, S. D. Markowitz, J. P. Gardner, and H. L. Malech | 3346 | Biochemical Analysis of Subcellular Localization of a Neutrophil-Specific Antigen, PMN-7, Involved in the Respiratory Burst |
| R. A. Kreisle, C. W. Parker, G. L. Griffin, R. M. Senior, and W. F. Stenson | 3356 | Studies of Leukotriene B ₄ -Specific Binding and Function in Rat Polymorphonuclear Leukocytes: Absence of a Chemotactic Response |
| J. M. Kilpatrick and J. E. Volanakis | 3364 | Opsonic Properties of C-Reactive Protein: Stimulation by Phorbol Myristate Acetate Enables Human Neutrophils to Phagocytize C-Reactive Protein-Coated Cells |
| G. Starkebaum and R. K. Root | 3371 | D-Penicillamine: Analysis of the Mechanism of Copper-Catalyzed Hydrogen Peroxide Generation |
| W. Dröge, D. Mannel, W. Falk, V. Lehmann, H. Schmidt, S. Nick, B. Hacker-Shahin, and R. Janicke | 3379 | Suppression of Cytotoxic T Lymphocyte Activation of L-Ornithine |
| S. L. Brown and D. E. Van Epps | 3384 | Suppression of T Lymphocyte Chemotactic Factor Production by the Opioid Peptides β -Endorphin and Met-Enkephalin |

MICROBIAL IMMUNOLOGY

- | | | |
|---|------|---|
| S. J. Forman, J. A. Zaia, B. R. Clark, C. L. Wright, B. J. Mills, R. Pottathil, B. C. Racklin, M. T. Gallagher, K. Welte, and K. G. Blume | 3391 | A 64,000 Dalton Matrix Protein of Human Cytomegalovirus Induces In Vitro Immune Responses Similar to those of Whole Viral Antigen |
| C. G. Orosz, N. E. Zinn, R. G. Olsen, and L. E. Mathes | 3396 | Retrovirus-Mediated Immunosuppression. I. FeLV-UV and Specific FeLV Proteins Alter T Lymphocyte Behavior by Inducing Hyporesponsiveness to Lymphokines |
| J. T. van Dissel, P. C. J. Leijh, and R. van Furth | 3404 | Differences in Initial Rate of Intracellular Killing of <i>Salmonella typhimurium</i> by Resident Peritoneal Macrophages from Various Mouse Strains |
| K. A. Joiner, K. A. Warren, M. Tam, and M. M. Frank | 3411 | Monoclonal Antibodies Directed against Gonococcal Protein I Vary in Bactericidal Activity |
| M. J. Gilbreath, C. A. Nacy, D. L. Hoover, C. R. Alving, G. M. Swartz, Jr., and M. S. Meltzer | 3420 | Macrophage Activation for Microbicidal Activity against <i>Leishmania major</i> : Inhibition of Lymphokine Activation by Phosphatidylcholine-Phosphatidylserine Liposomes |
| L. H. Kasper, K. M. Currie, and M. S. Bradley | 3426 | An Unexpected Response to Vaccination with a Purified Major Membrane Tachyzoite Antigen (P30) of <i>Toxoplasma gondii</i> |
| S. L. James, E. J. Pearce, and A. Sher | 3432 | Induction of Protective Immunity against <i>Schistosoma mansoni</i> by a Non-living Vaccine. I. Partial Characterization of Antigens Recognized by Antibodies from Mice Immunized with Soluble Schistosome Extracts |
| H. A. Stanley, R. F. Howard, and R. T. Reese | 3439 | Recognition of a M _r 56K Glycoprotein on the Surface of <i>Plasmodium falciparum</i> Merozoites by Mouse Monoclonal Antibodies |
| U. Vergara, A. Ruiz, A. Ferreira, R. S. Nussenzweig, and V. Nussenzweig | 3445 | Conserved Group-Specific Epitopes of the Circumsporozoite Proteins Revealed by Antibodies to Synthetic Peptides |
| C. J. Czuprynski, P. M. Henson, and P. A. Campbell | 3449 | Enhanced Accumulation of Inflammatory Neutrophils and Macrophages Mediated by Transfer of T Cells from Mice Immunized with <i>Listeria monocytogenes</i> |

MOLECULAR GENETICS • MOLECULAR BIOLOGY

- | | | |
|---|------|--|
| D. Moynet, S. J. MacLean, K. H. Ng, D. Anctil, and D. M. Gibson | 3455 | Polymorphism of κ Variable Region (V κ -1) Genes in Inbred Mice: Relationship to the Ig κ -Ef2 Serum Light Chain Marker |
| K. Yamamoto, N. Koch, M. Steinmetz, and G. J. Hammerling | 3461 | One Gene Encodes Two Distinct Ia-Associated Invariant Chains |

Continued from page 7

P. Legrain and G. Buttin	3468	The V _K Gene Expressed by BALB/c ABPC48 Cross-Reactive Idiotypes Induced by Anti-Idiotypic Immunization Is Identical to that of BALB/c Anti-Oxazolone and A/J Anti-Arsonate Antibodies
P. A. Stearne, G. A. Pietersz, and J. W. Goding	3474	cDNA Cloning of the Murine Transferrin Receptor: Sequence of Transmembrane and Adjacent Regions
K. E. Bernstein, C. B. Alexander, and R. G. Mage	3480	Germline V _H Genes in an a3 Rabbit not Typical of Any One V _H a Allotype

TUMOR IMMUNOLOGY

E. Fernandez-Cruz, T. Ulich, and R. D. Schreiber	3489	In Vivo Activity of Lymphokine-Activated Macrophages in Host Defense against Neoplasia
R. J. Johnson, H. Kaizer, A. G. Massey, and H. S. Shin	3497	Role of Endogenous Complement in Monoclonal IgM Antibody-Dependent Leukemia Suppression In Vivo: Participation of C3b
F. M. Uckun, R. C. Stong, R. J. Youle, and D. A. Vallera	3504	Combined Ex Vivo Treatment with Immunotoxins and Mafosfamid: A Novel Immunochemotherapeutic Approach for Elimination of Neoplastic T Cells from Autologous Marrow Grafts
J. O. Mecham, M. M. Soong, C. A. Cain, S. Koehm, J. Goff, and W. A. Tompkins	3516	Binding of Calmodulin to the Microfilament Network Correlates with Induction of a Macrophage Tumoricidal Response
F. Colotta, L. Bersani, A. Lazzarin, G. Poli, and A. Mantovani	3524	Rapid Killing of Actinomycin D-Treated Tumor Cells by Human Monocytes. II. Cytotoxicity Is Independent of Secretion of Reactive Oxygen Intermediates and Is Suppressed by Protease Inhibitors
T. R. Baeker and T. L. Rothstein	3532	Proliferation of Human Malignant Lymphocytes Induced by Anti-IgM Independent of B Cell Growth Factor
R. C. Spiro, T. Sairenji, and R. E. Humphreys	3539	Kinetics of I _i Synthesis, Processing and Turnover in <i>n</i> -Butyrate-Treated Burkitt's Lymphoma Cell Lines which Express or Do Not Express Class II Antigens and in Hairy Leukemic Cells
Announcements	3550	
Author Index	3554	