<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Page(s)</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>M. H. Dietz, M.-S. Sy, M. I. Greene, A. Nisonoff, B. Benacerraf, and R. N. Germain</td>
<td>2374</td>
<td>Antigen and Receptor-Driven Regulatory Mechanisms. VI. Demonstration of Cross-Reactive Idiotype Determinants on Azobenzene arsonate-Specific Antigen-Binding Suppressor T Cells Producing Soluble Suppressor Factor(s)</td>
</tr>
<tr>
<td>J. T. C. Li and D. W. Scott</td>
<td>2380</td>
<td>Role of Self Carriers in the Immune Response and Tolerance. VI. Induction and Reversal of TNP-Modified Self Unresponsiveness in Vitro</td>
</tr>
<tr>
<td>J. T. C. Li and D. W. Scott</td>
<td>2385</td>
<td>Role of Self Carriers in the Immune Response and Tolerance. VII. Importance of H-2 Antigens in the in Vitro Induction of Tolerance and Suppression to Hapten-Modified Self</td>
</tr>
<tr>
<td>C.-Y. Lawn and S. Leskowitz</td>
<td>2416</td>
<td>Hapten-Specific T Cell Response to Azobenzene arsonate-N-Acetyl-L-Tyrosine in the Lewis Rat. I. Induction and Suppression of Delayed-Type Hypersensitivity and in Vitro Proliferative Responses</td>
</tr>
<tr>
<td>H. A. Stafford and M. W. Fanger</td>
<td>2461</td>
<td>Receptors for IgA on Rabbit Lymphocytes. I. Distribution, Specificity, and Modulation</td>
</tr>
<tr>
<td>E. L. Morgan and W. O. Weigle</td>
<td>2467</td>
<td>Polyclonal Activation of Murine B Lymphocytes by Fc Fragments. III. Characterization of the Defect in the Ability of the C3H/HeJ Mouse to Respond to Fc Fragments</td>
</tr>
<tr>
<td>R. Dziarski</td>
<td>2478</td>
<td>Polyclonal Activation of Immunoglobulin Secretion in B Lymphocytes induced by Staphylococcal Peptidoglycan</td>
</tr>
<tr>
<td>R. Sasaki, F. J. Bollum, and I. Goldschneider</td>
<td>2501</td>
<td>Transient Populations of Terminal Transferase Positive (TdT+) Cells in Juvenile Rats and Mice</td>
</tr>
<tr>
<td>L. S. Manning and M. J. Perny</td>
<td>2508</td>
<td>Cellular Determinants of Mammary Cell-Mediated Immunity in the Rat. I. The Migration of Radioisotopically Labeled T Lymphocytes</td>
</tr>
<tr>
<td>A. Kunkl and G. G. B. Klaus</td>
<td>2526</td>
<td>Selective Effects of Cyclosporin A on Functional B Cell Subsets in the Mouse</td>
</tr>
<tr>
<td>H. Wagner, C. Hardt, R. Bartlett, M. Rollinghoff, and K. Pfizenmaier</td>
<td>2532</td>
<td>Intrathymic Differentiation of Cytotoxic T Lymphocyte (CTL) Precursors. I. The CTL Immunocompetence of Peanut Agglutinin-Positive (Cortical) and Negative (Medullary) Lyt 123 Thymocytes</td>
</tr>
<tr>
<td>S. Gillis, M. Scheld, and J. Watson</td>
<td>2570</td>
<td>Biochemical and Biologic Characterization of Lymphocyte Regulatory Molecules. III. The Isolation and Phenotypic Characterization of Interleukin-2 Producing T Cell Lymphomas</td>
</tr>
<tr>
<td>D. Mochizuki, J. Watson, and S. Gillis</td>
<td>2579</td>
<td>Biochemical and Biologic Characterization of Lymphocyte Regulatory Molecules. IV. Purification of Interleukin 2 from a Murine T Cell Lymphoma</td>
</tr>
<tr>
<td>K. Takatsu, K. Tanaka, A. Tominaga, Y. Kumahara, and T. Hamacka</td>
<td>2646</td>
<td>Antigen-Induced T Cell-Replacing Factor (TRF). III. Establishment of T Cell Hybrid Clone Continuously Producing TRF and Functional Analysis of Released TRF</td>
</tr>
<tr>
<td>M. Sarmiento, A. L. Glasebrook, and F. W. Fitch</td>
<td>2665</td>
<td>IgG or IgM Monoclonal Antibodies Reactive with Different Determinants on the Molecular Complex Bearing Lyt 2 Antigen Block T Cell-Mediated Cytolysis in the Absence of Complement</td>
</tr>
<tr>
<td>R. A. Kendall and S. Targan</td>
<td>2770</td>
<td>The Dual Effect of Prostaglandin (PGE,) and Ethanol on the Natural Killer Cytolytic Process: Effector Activation and NK Cell-Target Cell Conjugate Lytic Inhibition</td>
</tr>
<tr>
<td>L. Varesio, H. T. Holden, and D. Taramelli</td>
<td>2810</td>
<td>Mechanism of Lymphocyte Activation. II. Requirements for Macromolecular Synthesis in the Production of Lymphokines</td>
</tr>
</tbody>
</table>

Continued on page 4
Continued from page 3

CLINICAL IMMUNOLOGY

M. Berger, C. H. Kirkpatrick, Paul K. Goldsmith, and J. I. Gallin
V. Raso and T. Griffin
T. Kuritani, T. Kishimoto, A. Muraguchi, and Y. Yamamura
A. Muraguchi, T. Kishimoto, T. Kuritani, and Y. Yamamura
W. H. Greene, L. Colclough, A. Anton, and R. K. Root
D. Bobak and R. Whisler
D. Tartof, I. J. Check, A. Matutis, R. L. Hunter, and F. W. Fitch

IMMUNOCHEMISTRY

H. R. Petty, D. G. Hafeman, and H. M. McConnell
S. Kai, T. Fujita, I. Gigli, and V. Nussenzweig
K. R. Williams and J. L. Clafin
T. Momoi, H. Wiegandt, R. Arndt, and H.-G. Thiele
P. Erb, A. C. Stern, Ş. Ş. Alkan, S. Studer, E. Zoumbou, and R. H. Gisler
U. Wahn, T. Peters, Jr., and R. P. Siraganian
P. J. Sims and P. K. Lauf
N. Sakaguchi, T. Kishimoto, H. Kikutani, T. Watanabe, N. Yoshida, A. Shimizu, Y. Yamawaki-Kataoka, T. Honjo, and Y. Yamamura
T. V. Shankey and L. W. Clem

2402 Functional Analysis of Human T Cell Subsets Defined by Monoclonal Antibodies. I. Collaborative T-T Interactions in the Immunoregulation of B Cell Differentiation
2437 IgE Antibodies to Staphylococcus aureus and Candida albicans in Patients with the Syndrome of Hyper-IgM in Patients with Hyper-IgM and Recurrent Infections
2539 Alteration of T and Null Lymphocyte Frequencies in the Peripheral Blood of Hyman Opiate Addicts: In Vivo Evidence for Opiate Receptor Sites on T Lymphocytes
2610 Specific Cytotoxicity of a Human Immunoglobulin-Directed Fab′-Ricin A Chain Conjugate
2633 In Vitro Immune Response of Human Peripheral Lymphocytes. VI. Distribution and Characterization of Precursors for PHA- and Protein A-Induced Colony-Forming B Cells
2638 In Vitro Immune Response of Human Peripheral Lymphocytes. VII. Effect of Anti-μ and Anti-δ Antibodies on B Colony Formation and Detection of Abnormal B Cells in Patients with Juvenile Rheumatoid Arthritis
2727 Lectin-Dependent Neutrophil-Mediated Cytotoxicity against Chicken Erythrocytes: A Model of Non-Myeloperoxidase-Mediated Oxygen-Dependent Killing by Human Neutrophils
2764 Human B Lymphocyte Colony Responses. I. General Characteristics and Modulation by Monocytes
2790 Studies on Stimulation of Cell-Mediated Cytotoxicity by Skin Test Antigens. I. Candida Antigen Stimulation of Cell-Mediated Cytotoxicity in Vivo Correlated with the Skin Test Response to Candida Antigen in Vivo

2391 Specific Antibody-Dependent Phagocytosis of Lipid Vesicles by RAW264 Macrophages Results in the Loss of Cell Surface Fc but Not C3b Receptor Activity
2409 Mouse C3b/C4b Inactivator: Purification and Properties
2429 Clonotypes of Anti-phosphocholine Antibodies Induced with Proteus morganii (Pott-er) I. Structural and Idiotypic Similarities in a Diverse Repertoire
2496 Gangliotetraosyl-Ceramide, the Rat T Lymphocyte-Macrophage-Associated Antigen: Chemical Detection and Cellular Distribution
2504 Characterization of Accessory Cells Required for Helper T Cell Induction in Vitro: Evidence for a Phagocytic, Fc-Receptor, and la-Bearing Cell Type
2544 Studies on the Allergenic Significance and Structure of Rat Serum Albumin
2549 Analysis of Solute Diffusion across the C5b-9 Membrane Lesion of Complement: Evidence That Individual C5b-9 Complexes Do Not Function as Discrete, Uniform Pores
2564 Induction and Regulation of Immunoglobulin Expression in a Murine Pre-B Cell Line, 70Z/3. I. Cell Cycle-Associated Induction of slgM Expression and κ-Chain Synthesis in 70Z/3 Cells by LPS-Stimulation
2650 Phylogeny of Immunoglobulin Structure and Function. IX. Intramolecular Heterogeneity of Shark 19S IgM Antibodies to the Dinitrophenyl Hapten

Continued on page 5
C. L. Anderson and G. N. Abraham 2735 Characterization of the Fc Receptor for IgG on a Human Macrophage Cell Line, U937
F. Tron, D. Charron, J.-F. Bach, and N. Talal 2805 Establishment and Characterization of a Murine Hybridoma Secreting Monoclonal Anti-DNA Autoantibody
M. D. P. Boyle, A. P. Gee, M. Okada, and T. Borsos 2818 Differences in Cell-Bound C8 Sites on Chicken Erythrocytes Measured by Their Reactivity with Guinea Pig and Human C9

IMMUNOGENETICS AND TRANSPLANTATION

J. Wolfe and J. L. Claflin 2397 Clonal Nature of the Immune Response to Phosphocholine. IX. Heterogeneity among Antibodies Bearing M511 Idiotype Determinants
B. Arden, E. K. Wakeland, and J. Klein 2424 Structural Comparisons of Serologically Indistinguishable H-2K-Encoded Antigens from Inbred and Wild Mice
K. Ozato, T. H. Hansen, and D. H. Sachs 2473 Monoclonal Antibodies to Mouse MHC Antigens. II. Antibodies to the H-2Lb Antigen, the Product of a Third Polymorphic Locus of the Mouse Major Histocompatibility Complex
J. Fung and H. Kohler 2489 Mechanism of Neonatal Idiotype Suppression. II. Alterations in the T Cell Compart-ment Suppress the Maturation of B Cell Precursors
W. Newman, D. Pious, and P. Gladstone 2515 HLA Variants of Human Lymphoblastoid Cell Lines as Targets for Cytotoxic T Cells: Analysis of CTL Reactivity against 2 HLA-DR Variants
F. Indiveri, B. S. Wilson, C. Russo, V. Quaranta, M. A. Pellegrino, and S. Ferrone 2643 T Cell Lines with Dual Specificity for Strong Mls and H-2 Determinants
V. L. Woods, Jr., S. W. Kessler, F. D. Finkelman, R. Lieberman, I. Scher, and W. E. Paul 2673 lgA-Like Antigens on Human T Lymphocytes: Relationship to Other Surface Markers, Role in Mixed Lymphocyte Reactions, and Structural Profile
V. L. Woods, Jr., I. Scher, R. Lieber-man, and W. E. Paul 2708 IgD Allotypic Determinants. I. Determinants Expressed on Murine IgD of the a Allotype
V. L. Woods, Jr., F. D. Finkelman, R. Lieberman, W. E. Paul 2785 HLA-DR Epitope Region Definition by Use of Monoclonal Antibody Probes
D. Meruelo, A. Paolino, N. Flieger, and M. Offer 2713 Definition of a New T Lymphocyte Cell Surface Antigen, Ly 11.2
D. Meruelo, A. Paolino, N. Flieger, J. Dworkin, M. Offer, N. Hira-yama, and Z. Ovary 2719 Functional Properties of Ly 11.2: A Role for These Cells in Leukemia?
F. C. Grumet, D. J. Charron, B. M. Fendly, R. Levy, and D. B. Ness 2785 HLA-DR Epitope Region Definition by Use of Monoclonal Antibody Probes

IMMUNOPATHOLOGY

M. Hurme, B. E. Bång, and M. Sih-vola 2484 Generation of H-2-Restricted Cytotoxic T Cells by Ultraviolet Light-Treated Trinitrophenyl-Modified Syngeneic Cells: Increased Requirement for Adherent Cells
M. W. Miller, G. M. Shearer, and K. P. W. J. McAdam 2559 Suppression of T Cell-Mediated Cytotoxic Responses by Spleen Cells from Mice Rendered Pre-amyloid by a Single Injection of Complete Freund’s Adjuvant and Mycobacterium butyricum
J. C. Fantone, S. L. Kunkel, P. A. Ward, and R. B. Zurier 2591 Suppression by Prostaglandin E1 of Vascular Permeability Induced by Vasoactive Inflammatory Mediators
S. J. Betz, G. Z. Lotner, and P. M. Henson 2749 Generation and Release of Platelet-Activating Factor (PAF) from Enriched Prepara-tions of Rabbit Basophils; Failure of Human Basophils to Release PAF
S. J. Betz and P. M. Henson 2756 Production and Release of Platelet-Activating Factor (PAF); Dissociation from Degranulation and Superoxide Production in the Human Neutrophil
R. D. Diamond, F. Oppenheim, Y. Nakagawa, R. Krzesicki, and C. C. Haudenschild 2797 Properties of a Product of Candida albicans Hyphae and Pseudohyphae That Inhibits Contact between the Fungi and Human Neutrophils in Vitro

Continued on page 6
TUMOR IMMUNOLOGY


K. Takatsu, T. Hamaoka, A. Tominaga, and Y. Kanamasa 2367 Augmented Induction of Tumor-Specific Resistance by Priming with Mycobacterium tuberculosis (Tbc) and Subsequent Immunization with PPD-Coupled Syngeneic Tumor Cells

J. Fan, A. Ahmed, and B. Bonavida 2444 Studies on the Induction and Expression of T Cell-Mediated Immunity. X. Inhibition by Lyt 2,3 Antisera of Cytotoxic T Lymphocyte-Mediated Antigen-Specific and Nonspecific Cytotoxicity: Evidence for the Blocking of the Binding between T Lymphocytes and Target Cells and Not the Post-binding Cytolytic Steps

S. Soee and I. J. Fidler 2454 Synergistic Activation by Lymphokines and Muramyl Dipeptide of Tumoricidal Properties in Rat Alveolar Macrophages

W. R. Green 2584 H-2-Restricted Cytolytic T Lymphocytes Specific for a Subclass of AKR Endogenous Leukemia Virus-Induced Tumors: Correlation of Tumor Cell Susceptibility with Expression of the Gross Cell Surface Antigen

M. E. Nevife 2604 Human Killer Cells and Natural Killer Cells: Distinct Subpopulations of Fc Receptor-Bearing Lymphocytes

P. Minden, H. L. Mathews, and P. J. Kelleher 2685 Suppression of the Line-10 Guinea Pig Hepatocarcinoma by Antigens Related to Both Mycobacterium bovis (BCG) and the Tumor

C.-C. Ting, D. Rodrigues, and J.-X. Hong 2742 Characterization of the Responding Populations for the Generation of Proliferative Response to Syngeneic Meth A Tumor in BALB/c Mice: Requirement of T and B Cell Collaboration

VIRAL AND MICROBIAL IMMUNOLOGY


A. Fontana and H. L. Weiner 2660 Interaction of Reovirus with Cell Surface Receptors. II. Generation of Suppressor T Cells by the Hemagglutinin of Reovirus Type 3

C. McLaren and B. Pope 2679 Macrophage Dependency of in Vitro B Cell Response to Influenza Virus Antigens


COMMUNICATION

D. M. Knowles, II and J. P. Halper 2823 Human Medullary and Cortical Thymocytes are Distinguishable According to the Presence or Absence of Cytochemically Demonstrable Acid α-Naphthyl Acetate Esterase (ANAE) Activity