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P. S. Goedegebuure, D. M. Segal, E. Braakman, R. J. Vreugdenhill, B. A. Van Krimpen, R. J. Van De Griend, and R. L. H. Bolhuis 1797 Induction of Lysis by T Cell Receptor γδ+/CD3+ T Lymphocytes Via CD2 Requires Triggering Via the T11.1 Epitope Only

W.-R. Herzog, R. Meade, A. Pettinicchi, W. Ptak, and P. W. Askenase 1803 Nude Mice Produce a T Cell-Derived Antigen-Binding Factor that Mediates the Early Component of Delayed-Type Hypersensitivity


K. Naito, K. Inaba, Y. Hirayama, M. Inabamiyama, T. Sudo, and S. Muramatsu 1834 Macrophage Factors which Enhance the Mixed Leukocyte Reaction Initiated by Dendritic Cells

A. Rivas, J. Kolde, M. Cleary, and E. G. Engleman 1840 Evidence for Involvement of the γ, δ T Cell Antigen Receptor in Cytotoxicity Mediated by Human Alloantigen-Specific T Cell Clones

C. L. Sentman, V. Kumar, G. Koo, and M. Bennett 1847 Effector Cell Expression of NK1.1, a Murine Natural Killer Cell-Specific Molecule, and Ability of Mice to Reject Bone Marrow Allografts


CLINICAL IMMUNOLOGY • IMMUNOPATHOLOGY

S. Gavinski and G. E. Wolschak 1861 Expression of Viral and Virus-Like Elements in DNA Repair-Deficient/Immunodeficient “Wasted” Mice

J. J. Gibbons, Jr. and J. Lucas 1867 Immunomodulation by Low-Dose Methotrexate. I. Methotrexate Selectively Inhibits LYT-2+ Cells in Murine Acute Graft-Vs-Host Reactions

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B. Hofmann, K. D. Jacobson, N. Odum, E. Dickmeiss, P. Platz, L. P. Ryder, C. Pedersen, L. Mathiesen, I. Bygbjerg, V. Faber, and A. Sveigaard 1874 HIV-Induced Immunodeficiency. Relatively Preserved Phytohemagglutinin as Opposed to Decreased Pokeweed Mitogen Responses May Be Due to Possibly Preserved Responses Via CD2/Phytohemagglutinin Pathway

R. Holmdahl, C. Bailey, I. Enander, R. Mayer, L. Klarekrog, T. Moran, and C. Bona 1881 Origin of the Autoreactive Anti-Type II Collagen Response. II. Specifications, Antibody Iso-types and Usage of V Gene Families of AntiType II Collagen B Cells

M. Martin, R. Schwinzer, H. Schellekens, and K. Resch 1887 Glomerular Mesangial Cells in Local Inflammation. Induction of the Expression of MHC Class II Antigens by IFN-\(\gamma\)


S.-S. J. Sung and J. A. Walters 1903 Identification and Characterization of a Hamster Monoclonal Antibody Anti-2.28 Directed Against a 70-Kilodalton Activation Antigen On Human Monocytes

---

**CYTOKINES • MEDIATORS • REGULATORY MOLECULES**

C.-P. Chiu and F. Lee 1909 IL-6 is a Differentiation Factor for M1 and WEHI-3B Myeloid Leukemic Cells

T. J. Ferro, A. Johnson, J. Everitt, and A. B. Malik 1916 IL-2 Induces Pulmonary Edema and Vasoconstriction Independent of Circulating Lymphocytes

R. Kernbauer, A. Kock, T. Schwarz, A. Urbanski, J. Krutmann, W. Borth, D. Damm, G. Shiplej, J. C. Ansell, and T. A. Luger 1922 IFN-\(\beta\), B Cell Differentiation Factor 2, or Hybridoma Growth Factor (IL-6) Is Expressed and Released By Human Epidermal Cells and Epidermoid Carcinoma Cell Lines

T. R. Malek, K. M. Danis, and E. K. Codias 1929 Tumor Necrosis Factor Synergistically Acts with IFN-\(\gamma\) to Regulate LY-6A/E Expression in T Lymphocytes, Thymocytes, and Bone Marrow Cells

J. Moreb, J. R. Zucali, M. A. Gross, and R. S. Weiner 1937 Protective Effects of IL-1 on Human Hematopoietic Progenitor Cells Treated In Vitro with 4-Hydroperoxycyclophosphamide

V. B. Swope, Z. A. Abdel-Malek, D. N. Sauder, and J. J. Nordlund 1943 A New Role for Epidermal Cell-Derived Thymocyte Activating Factor/IL-1 As an Antagonist for Distinct Epidermal Cell Function

W. Tadmori, D. Feingersh, S. C. Clark, and T. S. Choi 1950 Human Recombinant IL-3 Stimulates B Cell Differentiation


---

**IMMUNOPHARMACOLOGY**


D. F. Eierman, C. E. Johnson, and J. S. Haskill 1970 Human Monocyte Inflammatory Mediator Gene Expression is Selectively Regulated by Adherence Substrates


W. Leng, K. Chang, J. R. Williamsion, and B. A. Jakschik 1982 Increased Regional Vascular Albumin Permeation in the Rat During Anaphylaxis

S. T. McGarrity, A. H. Stephenson, and R. O. Webster 1986 Regulation of Human Neutrophil Functions by Adenine Nucleotides


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<td>M. C. Pike, M. S. Wicha, P. Yoon, L. Mayo, and L. A. Boxer</td>
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<td>K. R. Diakun and K. I. Matta</td>
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<td>L. J. Picker, J. De Los Toyos, M. J. Telen, B. E. Haynes, and E. C. Butcher</td>
<td>2046</td>
<td>Monoclonal Antibodies Against the CD44 In(Lu)-Related P80, and PgP-1 Antigens in Man Recognize the Hermes Class of Lymphocyte Homing Receptors</td>
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### MICROBIAL IMMUNOLOGY

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<tr>
<td>D. A. Harn, K. Danko, J. J. Quinn, and Miguel J. Staudecker</td>
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<tr>
<td>S. G. Reed, D. K. Phil, and K. H. Grabstein</td>
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<td>A. L. Cortese Hassett, J. Locker, G. Rupp, H. W. Kunz, and T. J. Gill III</td>
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<td>T. Horichi, K. J. Macos, V. J. Kidd, and J. E. Volanakis</td>
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---

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