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PILLARS OF IMMUNOLOGY

1909 Interference with Virus Infection
  Michael Gale, Jr.

  A. Isaacs and J. Lindenmann

  147: 268–273
  A. Isaacs, J. Lindenmann, and R. C. Valentine

BRIEF REVIEWS

1927 Donor Unrestricted T Cells: A Shared Human T Cell Response
  Ildiko Van Rhijn and D. Branch Moody

1933 Age-Associated B Cells: A T-bet–Dependent Effector with Roles in Protective and Pathogenic Immunity
  Kira Rubtsova, Anatoly V. Rubtsov, Michael P. Cancro, and Philippa Marrack

CUTTING EDGE

1939 Cutting Edge: cGAS Is Required for Lethal Autoimmune Disease in the Trex1-Deficient Mouse Model of
  Aicardi–Goutières Syndrome
  Elizabeth E. Gray, Piper M. Treuting, Joshua J. Woodward, and Daniel B. Stetson

On the cover: Head of a juvenile medaka fish carrying fluorescent markers for chemokine receptors cc9a (green) and cc9b
   (red). cc9a+ cells are located in the thymus, skin, and other tissues, whereas cc9b+ cells are preferentially located in
   the thymus. Both receptors are involved in guiding thymocytes and triggering steps in their maturation. Bajoghli, B., P. Kuri,
AUTOIMMUNITY

1945 Radiosensitive Hematopoietic Cells Determine the Extent of Skin Inflammation in Experimental Epidermolysis Bullosa Acquisita

1955 Genetic Interaction between Lyn, Ets1, and Btk in the Control of Antibody Levels
Jessica Mayeux, Brian Skang, Wei Luo, Lisa M. Russel, Shinn Jho, Pronit Saeder, Hanuva Abbasi, Quan-Zhen Li, Lee Ann Garrett-Sinba, and Anne B. Satterthwaite

1964 The T Cell Repertoire–Diversifying Enzyme TSSP Contributes to Thymic Selection of Diabeticogenic CD4 T Cell Specificities Reactive to ChgA and IAPP Autoantigens
Christophe Viret, Karim Mahiddine, Rocky Lee Baker, Kathryn Hawkins, and Sylvie Guerder

1974 IL-7/IL-7 Receptor Signaling Differentially Affects Effector CD4\(^+\) T Cell Subsets Involved in Experimental Autoimmune Encephalomyelitis
Carlos A. Arbelaez, Simon Glatigny, Rebekka Duben, Gerard Eberl, Mohamed Ouakka, and Estelle Bettelli

CLINICAL AND HUMAN IMMUNOLOGY

1984 Au-ACRAMTU-PEt\(_3\) Alters Redox Balance To Inhibit T Cell Proliferation and Function
P. Kent Langston, Mu Yang, Ulrich Bierbach, Derek Parsonage, Leslie B. Poole, Madeline J. Price, and Jason M. Grayson

1995 The Raf Kinase Inhibitor Sorafenib Inhibits JAK–STAT Signal Transduction in Human Immune Cells

2006 Chronic Psoriatic Skin Inflammation Leads to Increased Monocyte Adhesion and Aggregation
Jackelyn B. Golden, Sarah G. Groff, Michael V. Squeri, Sara M. Debanne, Nicole L. Ward, Thomas S. McCormick, and Kevin D. Cooper

2019 γ-Tilmanocet, a New Radiopharmaceutical Tracer for Cancer Sentinel Lymph Nodes, Binds to the Mannose Receptor (CD206)
Abul K. Azad, Murugesan V. S. Rajaram, Wendy L. Metz, Frederick O. Cope, Michael S. Blue, David R. Vera, and Larry S. Schlesinger

2038 mTOR Inhibition Per Se Induces Nuclear Localization of FOXP3 and Conversion of Invariant NKT (iNKT) Cells into Immunosuppressive Regulatory iNKT Cells
Charlotte M. Huijts, Famke L. Schneiders, Juan J. Garcia-Vallejo, Henk M. Verheul, Tanja D. de Gruijl, and Hans J. van der Vliet

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2046 Identification of a New Exo-Endocytic Mechanism Triggered by Corticotropin-Releasing Hormone in Mast Cells
Santiago Balseiro-Gomez, Juan A. Flores, Jorge Acosta, M. Pilar Ramirez-Ponce, and Eva Ales

2057 Nucleotide-Induced Membrane-Proximal Proteolysis Controls the Substrate Specificity of T Cell Ecto-ADP-Ribosyltransferase ARTC2.2
Stephan Menzel, Björn Risiek, Peter Bannas, Thomas Jakoby, Maria Mikiewicz, Nicole Schwarz, Marion Nissen, Friedrich Haag, Andreas Toley, and Friedrich Koch-Nolte

2067 The Contained Self-Reactive Peripheral T Cell Repertoire: Size, Diversity, and Cellular Composition
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IgG-Mediated Immune Suppression to Erythrocytes by Polyclonal Antibodies Can Occur in the Absence of Activating or Inhibitory Fcγ Receptors in a Full Mouse Model
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A Metalloproteinase Mirolysin of Tannerella forsythia Inhibits All Pathways of the Complement System
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Parasite Antigen-Specific Regulation of Th1, Th2, and Th17 Responses in Strongyloides stercoralis Infection
Rajamanickam Anuradha, Saravanam Munisananker, Chandrakumar Dolla, Paul Kumaran, Thomas B. Nutman, and Subash Babu

MicroRNA-15b Modulates Japanese Encephalitis Virus–Mediated Inflammation via Targeting RNF125
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Extent of Systemic Spread Determines CD8+ T Cell Immunodominance for Laboratory Strains, Smallpox Vaccines, and Zoonotic Isolates of Vaccinia Virus
Inge E. A. Fleisch, Natasha A. Hollett, Yik Chun Wong, Barbara Resende Quinan, Debbie Howard, Flávio G. da Fonseca, and David C. Tschayke

Restoration of CD4+ Responses to Copathogens in HIV-Infected Individuals on Antiretroviral Therapy Is Dependent on T Cell Memory Phenotype
Catherine Rieu, Ramla F. Tanko, Andreia P. Soares, Lindi Mason, Lise Werner, Nigel J. Garrett, Natasha Samsunder, Quarraisha Abdool Karim, Salim S. Abdool Karim, and Wendy A. Burgers

Vibrio vulnificus VvpE Stimulates IL-1β Production by the Hypomethylation of the IL-1β Promoter and NF-kB Activation via Lipid Raft–Dependent ANXA2 Recruitment and Reactive Oxygen Species Signaling in Intestinal Epithelial Cells
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CD36 Is Essential for Regulation of the Host Innate Response to Staphylococcus aureus α-Toxin–Mediated Dermonecrosis
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Caspase-1 but Not Caspase-11 Is Required for NLRC4-Mediated Pyroptosis and Restriction of Infection by Flagellated Legionella Species in Mouse Macrophages and In Vivo
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Phosphocholine-Modified Macromolecules and Canonical Nicotinic Agonists Inhibit ATP-Induced IL-1β Release

Langerhans Cells Suppress CD49a+ NK Cell–Mediated Skin Inflammation
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2429 The TNF Family Molecules LIGHT and Lymphotoxin αβ Induce a Distinct Steroid-Resistant Inflammatory Phenotype in Human Lung Epithelial Cells
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