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PILLARS OF IMMUNOLOGY
1909 Interference with Virus Infection
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A. Isaacs and J. Lindenmann

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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 ccr9a (green) and ccr9b (red). ccr9a+ cells are located in the thymus, skin, and other tissues, whereas ccr9b+ cells are preferentially located in the thymus. Both receptors are involved in guiding thymocytes and triggering steps in their maturation. Bajoghli, B., P. Kuri, D. Inoue, N. Aghaallaei, M. Hanelt, T. Thumberger, M. Rauzi, J. Wittbrodt, and M. Leptin. 2015. Noninvasive in toto imaging of the thymus reveals heterogeneous migratory behavior of developing T cells. J. Immunol. 195: 2177–2186.
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 Shang, Wei Luo, Lisa M. Russill, Shinnu John, Prontip Saeler, Hanuua Abbasi, Quan-Zhen Li, Lee Ann Garrett-Sinha, and Anne B. Satterthwaite

1964 The T Cell Repertoire–Diversifying Enzyme TSSP Contributes to Thymic Selection of Diabetogenic 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-PEt3 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. Grofi, Michael V. Squeri, Sara M. Debanne, Nicole L. Ward, Thomas S. McCormick, and Kevin D. Cooper

2019 γ-Tilmanocept, 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

2030 Phenotypic Complexity of the Human Regulatory T Cell Compartment Revealed by Mass Cytometry
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2038 mTOR Inhibition Per Se Induces Nuclear Localization of FOXP3 and Conversion of Invariant NKT (iNKT) Cells into Immunosuppressive Regulatory iNKT Cells
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The Neonatal CD4+ T Cell Response to a Single Epitope Varies in Genetically Identical Mice
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Store-Operated Ca2+ Release-Activated Ca2+ Channels Regulate PAR2-Activated Ca2+ Signaling and Cytokine Production in Airway Epithelial Cells
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Inge E. A. Flesch, Natasha A. Hollett, Yik Chun Wong, Bárbara Resende Quinan, Debbie Howard, Flávio G. da Fonseca, and David C. Tschark

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