IN THIS ISSUE

1211 Proresolving Macrophages May Be Lacking in Lupus See article p. 1261

1238 The Effect of Inhibitory Signals on the Priming of Drug Hapten–Specific T Cells That Express Distinct Vβ Receptors

1250 Prdm1 Regulates Thymic Epithelial Function To Prevent Autoimmunity

1261 A Novel Subset of Anti-Inflammatory CD138+ Macrophages Is Deficient in Mice with Experimental Lupus

BRIEF REVIEWS

1213 Not Just an Adhesion Molecule: LFA-1 Contact Tunes the T Lymphocyte Program

Navin Kumar Verma and Dermot Kelleher

ALLERGY AND OTHER HYPERSENSITIVITIES

1223 The Effect of Inhibitory Signals on the Priming of Drug Hapten–Specific T Cells That Express Distinct Vβ Receptors

Andrew Gibson, Lee Faulkner, Maite Lichtenfels, Monday Ogese, Zaid Al-Attar, Ana Alferevic, Philipp R. Eser, Stefan F. Martin, Munir Pirmohamed, B. Kevin Park, and Dean J. Naisbitt

AUTOIMMUNITY

1238 The Ox40/Ox40 Ligand Pathway Promotes Pathogenic Th Cell Responses, Plasmablast Accumulation, and Lupus Nephritis in NZB/W F1 Mice

Jonathan Sitrin, Eric Suto, Arthur Wuster, Jeffrey Eastham-Anderson, Jeong M. Kim, Cary D. Austin, Wyne P. Lee, and Timothy W. Behrens

1250 Prdm1 Regulates Thymic Epithelial Function To Prevent Autoimmunity

Natalie A. Roberts, Brian D. Adams, Nicholas I. McCarthy, Reuben M. Tooze, Sonia M. Parnell, Graham Anderson, Susan M. Kaech, and Valerie Horsley

1261 A Novel Subset of Anti-Inflammatory CD138+ Macrophages Is Deficient in Mice with Experimental Lupus

Shuhong Han, Haoyang Zhuang, Stepan Shumyak, Jingfan Wu, Hui Li, Li-Jun Yang, and Westley H. Reeves

INNATE IMMUNITY AND INFLAMMATION

CCL5 Promotes Resolution-Phase Macrophage Reprogramming in Concert with the Atypical Chemokine Receptor D6 and Apoptotic Polymorphonuclear Cells
Miran Aswad, Simaan Assi, Sagie Schif-Zuck, and Amiram Ariel

Human Monocyte Subsets Are Transcriptionally and Functionally Altered in Aging in Response to Pattern Recognition Receptor Agonists
Talibah U. Metcalf, Peter A. Wilkinson, Mark J. Cameron, Khader Ghneim, Cindy Chiang, Anne M. Wertheimer, John B. Hiscott, Janko Nikolich-Zugich, and Elias K. Haddad

Cathelicidins Inhibit Escherichia coli–Induced TLR2 and TLR4 Activation in a Viability-Dependent Manner

Innate IFN-γ–Producing Cells Developing in the Absence of IL-2 Receptor γ-Chain
Mariana Resende, Marcos S. Cardoso, Ana R. Ribeiro, Manuela Florido, Margarida Borges, António Gil Castro, Nuno L. Alves, Andrea M. Cooper, and Rui Appelberg

Immunomodulatory Molecule IRAK-M Balances Macrophage Polarization and Determines Macrophage Responses during Renal Fibrosis
Stefanie Steiger, Sathish V. Kumar, Mohsen Honarpisheh, Georg Lorenz, Roman Günthner, Simone Romoli, Regina Griebmayr, Henri-Eka Susantis, Jan Potempa, Joanna Koziel, and Maciej Lech

Lung Epithelial Cell–Derived Microvesicles Regulate Macrophage Migration via MicroRNA-17/221–Induced Integrin β1 Recycling
Heedoo Lee, Duo Zhang, Jingxuan Wu, Leo E. Otterbein, and Yang Jin

N-Arachidonoyl Dopamine Modulates Acute Systemic Inflammation via Nonhematopoietic TRPV1
Samira K. Lawton, Fengyan Xu, Alphonso Tran, Erika Wong, Arun Prakash, Mark Schumacher, Judith Hellman, and Kevin Wilhelmsen

SYSTEMS IMMUNOLOGY

A Systems Vaccinology Approach Reveals Temporal Transcriptomic Changes of Immune Responses to the Yellow Fever 17D Vaccine
Jue Hou, Shubui Wang, Manxue Jia, Dan Li, Ying Liu, Zhengpeng Li, Hong Zhu, Huifang Xu, Meiping Sun, Li Lu, Zhihan Zhou, Hong Peng, Qichen Zhang, Shihong Fu, Guodong Liang, Lena Yao, Xueqiong Yu, Lindsay N. Carpp, Yunda Huang, Julie McElrath, Steve Self, and Yiming Shao

An Unbiased Linkage Approach Reveals That the p53 Pathway Is Coupled to NK Cell Maturation

TUMOR IMMUNOLOGY

Regulated Polarization of Tumor-Associated Macrophages by miR-145 via Colorectal Cancer–Derived Extracellular Vesicles
Haruka Shinohara, Yuki Kuranaga, Minami Kazama, Nokubiho Sugita, Yuki Yoshikawa, Tomoaki Takai, Kohri Taniguchi, Yuko Ito, and Yukihiro Ako

Imatinib and Nilotinib Off-Target Effects on Human NK Cells, Monocytes, and M2 Macrophages
Francesca Bellora, Alessandra Dondero, Maria Valeria Corrias, Beatrice Casu, Stefano Regis, Fabio Caliendo, Alessandro Moretta, Mario Cazzola, Chiara Elena, Luciana Venti, Franco Locatelli, Cristina Bettini, and Roberta Gastricini
CORRECTIONS
1526  Correction: Modeling the Specific CD4⁺ T Cell Response against a Tumor Neoantigen
      Héloïse Flament, Ruby Alonso Ramirez, Virginie Prémel, Nathalie T. Joncker, Alexandra Jacquet, Suzy Scholl,
      and Olivier Lantz

1527  AUTHOR INDEX