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TOP READS

- 2899 **Btk Keeps Autoreactive B Cells in Check** *See article p. 2922*
A New Genetic Model of Aicardi–Goutières Syndrome *See article p. 3016*
Location Matters for Macrophage Renewal *See article p. 3028*
G α_{13} Mobilizes Neutrophils *See article p. 3038*
IL-4 Receptor Signaling Drives Inflammation in Obesity *See article p. 3081*
iNKT Cells Drive Liver Transplant Failure *See article p. 3107*
Quieting the Nervous System to Bolster Cancer Vaccines *See article p. 3131*

BRIEF REVIEWS

- 2901 Mucosal Immunity in Cystic Fibrosis
Christine M. Bojanowski, Shiping Lu, and Jay K. Kolls

ANTIGEN RECOGNITION AND RESPONSES

- 2913 Identification and Characterization of Antigen-Specific CD8⁺ T Cells Using Surface-Trapped TNF- α and Single-Cell Sequencing
Shaheed Abdulbaq, Abigail B. Ventura, Jason S. Reed, Arman A. Bashirova, Katherine B. Bateman, Eric McDonald, Helen L. Wu, Justin M. Greene, John B. Schell, David Morrow, Karin Wisskirchen, Jeffrey N. Martin, Steven G. Deeks, Mary Carrington, Ulrike Protzer, Klaus Früh, Scott G. Hansen, Louis J. Picker, Jonah B. Sacha, and Benjamin N. Bimber

AUTOIMMUNITY

- 2922 Btk Supports Autoreactive B Cell Development and Protects against Apoptosis but Is Expendable for Antigen Presentation
Lindsay E. Nyhoff, Amber S. Griffith, Emily S. Clark, James W. Thomas, Wasif N. Khan, and Peggy L. Kendall
- 2933 The Calcium Channel Inhibitor Nimodipine Shapes the Uveitogenic T Cells and Protects Mice from Experimental Autoimmune Uveitis through the p38–MAPK Signaling Pathway
Yunwei Hu, Guanyu Chen, Jun Huang, Zhuang Li, Zuoyi Li, Yanyan Xie, Yuxi Chen, He Li, Wenru Su, Xiaoqing Chen, and Dan Liang

On the cover: FACS-sorted small and large peritoneal macrophages (SPM and LPM) were loaded into a microfluidics chip (Fluidigm C1) to isolate individual cells for downstream single-cell high-throughput quantitative PCR. Image shows the bright field microscopy obtained to reveal the size of the isolated macrophage (SPM vs. LPM) located at the center. Eddins, D. J., A. Kusters, J. Waters, J. Sosa, M. Phillips, K. Yadava, L. A. Herzenberg, H. F. Kuipers, and E. E. B. Ghosn. 2021. Hematopoietic stem cell requirement for macrophage regeneration is tissue specific. *J. Immunol.* 207: 3028–3037.

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- 2944 Mouse Homologue of Human HLA-DO Does Not Preempt Autoimmunity but Controls Murine Gammaherpesvirus MHV68
Jean Lee, Emily Cullum, Kyle Stoltz, Niklas Bachmann, Zoe Strong, Danielle D. Millick, Lisa K. Denzin, Anthony Chang, Vera Tarakanova, Alexander V. Chervonsky, and Tatyana Golovkina
- 2952 Absence of ERAP1 in B Cells Increases Susceptibility to Central Nervous System Autoimmunity, Alters B Cell Biology, and Mechanistically Explains Genetic Associations between ERAP1 and Multiple Sclerosis
Patrick O'Connell, Maja K. Blake, Sarah Godbehere, Yasser A. Aldhamen, and Andrea Amalfitano

IMMUNE REGULATION

- 2966 CD29 Enriches for Cytotoxic Human CD4⁺ T Cells
Benoît P. Nicolet, Aurelie Guislain, and Monika C. Wolkers
- 2976 RUNX1 Regulates a Transcription Program That Affects the Dynamics of Cell Cycle Entry of Naive Resting B Cells
Inesa Thomsen, Natalia Kunowska, Roshni de Souza, Anne-Marie Moody, Greg Crawford, Yi-Fang Wang, Sanjay Khadayate, Chad Whilding, Jessica Strid, Mohammad M. Karimi, Alexis R. Barr, Niall Dillon, and Pierangela Sabbattini
- 2992 B Cell–Intrinsic IRF4 Haploinsufficiency Impairs Affinity Maturation
Sarah L. Cook, Evelyn P. Sievert, and Roger Sciammas
- 3004 CD24 and IgM Stimulation of B Cells Triggers Transfer of Functional B Cell Receptor to B Cell Recipients Via Extracellular Vesicles
Hong-Dien Phan, Modeline N. Longjohn, Delania J. B. Gormley, Reilly H. Smith, May Dang-Lawson, Linda Matsuuchi, Michael R. Gold, and Sherri L. Christian
- 3016 An Aicardi-Goutières Syndrome–Causative Point Mutation in *Adar1* Gene Invokes Multiorgan Inflammation and Late-Onset Encephalopathy in Mice
Maal Inoue, Taisuke Nakahama, Ryuichiro Yamasaki, Toshiharu Shibuya, Jung In Kim, Hiroyuki Todo, Yanfang Xing, Yuki Kato, Eiichi Morii, and Yukio Kawahara

IMMUNE SYSTEM DEVELOPMENT

- 3028 Hematopoietic Stem Cell Requirement for Macrophage Regeneration Is Tissue Specific
Devon J. Eddins, Astrid Kosters, Jeffrey Waters, Jasmine Sosa, Megan Phillips, Koshika Yadava, Leonore A. Herzenberg, Hedwich F. Kuipers, and Eliver Eid Bou Ghosn

INNATE IMMUNITY AND INFLAMMATION

- 3038 G₁₃ Mediates Transendothelial Migration of Neutrophils by Promoting Integrin-Dependent Motility without Affecting Directionality
Claire W. Chang, Ni Cheng, Yanyan Bai, Randal A. Skidgel, and Xiaoping Du
- 3050 Zebrafish *sirt7* Negatively Regulates Antiviral Responses by Attenuating Phosphorylation of *irf3* and *irf7* Independent of Its Enzymatic Activity
Qian Liao, Gang Ouyang, Junji Zhu, Xiaolian Cai, Guangqing Yu, Ziwen Zhou, Xing Liu, Jing Wang, and Wuhan Xiao
- 3060 PDGFR β Recognizes and Binds Bacteria to Activate Src/Stat Pathway in Oysters
Jiejie Sun, Zhaojun Wu, Wei Wu, Jinyuan Leng, Xiaoqian Lv, Tong Zhang, Lingling Wang, and Linsheng Song
- 3070 IL-13 Controls IL-33 Activity through Modulation of ST2
Melvin Zhang, Jennifer L. Duffen, Karl H. Nocka, and Marion T. Kasaian
- 3081 Myeloid Cell–Specific IL-4 Receptor Knockout Partially Protects from Adipose Tissue Inflammation
Jan Ackermann, Lilli Arndt, Michaela Kirstein, Constance Hobusch, Georg Brinker, Nora Klötting, Julia Braune, and Martin Gericke
- 3090 FAM177A1 Inhibits IL-1 β –Induced Signaling by Impairing TRAF6–Ubc13 Association
Bo-Wei Liao, Hong-Yan Zhang, Wen-Tian Du, Yong Ran, Yan-Yi Wang, and Zhi-Sheng Xu

MOLECULAR AND STRUCTURAL IMMUNOLOGY

- 3098 Mucosal Mast Cell–Specific Gene Expression Is Promoted by Interdependent Action of Notch and TGF- β Signaling
Nobuhiro Nakano, Kazuki Saida, Mutsuko Hara, Kumi Izawa, Tomoaki Ando, Ayako Kaitani, Kazumi Kasakura, Takuya Yashiro, Chiharu Nishiyama, Hideoki Ogawa, Jiro Kitaura, and Ko Okumura

TRANSPLANTATION

- 3107 Invariant NKT Cells Promote the Development of Highly Cytotoxic Multipotent CXCR3⁺CCR4⁺CD8⁺ T Cells That Mediate Rapid Hepatocyte Allograft Rejection
Jason M. Zimmerer, Bryce A. Ringwald, Sachi R. Chaudhari, Jing Han, Chelsea M. Peterson, Robert T. Warren, Madison M. Hart, Mahmoud Abdel-Rasoul, and Ginny L. Bumgardner

TUMOR IMMUNOLOGY

- 3122 Leptin Augments Antitumor Immunity in Obesity by Repolarizing Tumor-Associated Macrophages
Stephanie O. Dudzinski, Jackie E. Bader, Kathryn E. Beckermann, Kirsten L. Young, Rachel Hongo, Matthew Z. Madden, Abin Abraham, Bradley I. Reinfeld, Xiang Ye, Nancie J. MacIver, Todd D. Giorgio, and Jeffrey C. Rathmell
- 3131 The Sympathetic Nervous System Modulates Cancer Vaccine Activity through Monocyte-Derived Cells
Louis Hinkle, Yongbin Liu, Chaoyang Meng, Zhe Chen, Junhua Mai, Licheng Zhang, Yitian Xu, Ping-Ying Pan, Shu-Hsia Chen, and Haifa Shen

3141 AUTHOR INDEX

3142 AD HOC REVIEWERS INDEX

3149 AUTHOR INDEX TO VOLUME 207