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IN THIS ISSUE

3337  Autoimmunity Delay Tactics  See article p. 3381

Blocking CCR5 Improves Parkinson’s Symptoms  See article p. 3412

Developmental Detour  See article p. 3434

Engineered DCs Induce Gut-Homing Treg Cells to Treat Colitis  See article p. 3447

BRIEF REVIEWS

3339  The Complement Receptor C5aR2: A Powerful Modulator of Innate and Adaptive Immunity

Xaria X. Li, John D. Lee, Claudia Kemper, and Trent M. Woodruff

ANTIGEN RECOGNITION AND RESPONSES

3349  Identification and Structure of an MHC Class I–Encoded Protein with the Potential to Present N-Myristoylated 4-mer Peptides to T Cells

Yukie Yamamoto, Daisuke Moriita, Yoko Shima, Akihiro Midorikawa, Tatsuaki Mizutani, Juri Suzuki, Naoki Mori, Takashi Shina, Hitotsubi Inoko, Yoshimasa Tanaka, Bunzo Mikami, and Masahiko Sugita

3359  Haptoglobin Acts as a TLR4 Ligand to Suppress Osteoclastogenesis via the TLR4–IFN-β Axis

Jun-Oh Kwon, Won Jong Jin, Bongjun Kim, Hyunil Ha, Hong-Hee Kim, and Zang Hee Lee

3370  Influenza A Virus Infection Induces Viral and Cellular Defective Ribosomal Products Encoded by Alternative Reading Frames


AUTOIMMUNITY

3381  A Precision B Cell–Targeted Therapeutic Approach to Autoimmunity Caused by Phosphatidylinositol 3-Kinase Pathway Dysregulation

S. Elizabeth Franks, Andrew Getahun, and John C. Cambier

On the cover: Bat MHC class I’s Ag binding groove (teal) is different from other reported structures (fish, chicken, and human in magenta, yellow, and cyan, respectively) with a cluster of uniquely inserted residues which can help bat MHC class I promote the binding of high-affinity peptides. The (2Fo-Fc) map of these differential residues is shown. Qu, Z., Z. Li, L. Ma, X. Wei, L. Zhang, R. Liang, G. Meng, N. Zhang, and C. Xia. 2019. Structure and peptidome of the bat MHC class I molecule reveal a novel mechanism leading to high-affinity peptide binding. J. Immunol. 202: 3493–3506.

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Targeted Delivery of Curcumin Rescues Endoplasmic Reticulum–Retention Mutant NOX2 Protein and Avoids Leukocyte Apoptosis
Chia-Liang Yen, Yi-Chu Liao, Ru-Fen Chen, Ya-Fang Huang, Wan-Chen Chung, Pei-Chi Lo, Chuan-Fa Chang, Ping-Ching Wu, Dar-Bin Shieh, Si-Tie Jiang, and Chi-Chang Shieh

Obesity Reduces mTORC1 Activity in Mucosal-Associated Invariant T Cells, Driving Defective Metabolic and Functional Responses

Low-Dose Maraviroc, an Antiretroviral Drug, Attenuates the Infiltration of T Cells into the Central Nervous System and Protects the Nigrostriatum in Hemiparkinsonian Monkeys
Susanta Mondal, Suresh B. Rangasamy, Avik Roy, Sridevi Dasarathy, Jeffrey H. Kordower, and Kalipada Pahan

SSB1/SSB2 Proteins Safeguard B Cell Development by Protecting the Genomes of B Cell Precursors
Matthias Pfiefer, Rito Brem, Timothy P. Lippert, Bryant Boulinane, Howin Ng Ho, Mark E. Robinson, Justin Stiebing, and Niklas Feldhahn

ISWI ATPase Smarca5 Regulates Differentiation of Thymocytes Undergoing β-Selection
Tomas Zikmund, Jurok Kokavec, Tereza Turkova, Filipp Savvulidi, Helena Paszekova, Sona Vodenkova, Radislav Sedlacek, Arthur I. Skoultchi, and Tomas Stopka

In Vivo Generation of Gut-Homing Regulatory T Cells for the Suppression of Colitis
Yi Xu, Yanmei Cheng, David J. Baylink, Samiksha Wasnik, Gati Goel, Mei Huang, Huynh Cao, Xuezhong Qin, Kin-Hing William Lau, Christian Chan, Adam Koch, Linh H. Pham, Jintao Zhang, Chih-Huang Li, Xiaohua Wang, Edmund Carreon Berumen, James Smith, and Xiaolei Tang

Identification of Neoantigen-Reactive Tumor-Infiltrating Lymphocytes in Primary Bladder Cancer
Vid Leko, Lucas A. McDuffie, Zhili Zheng, Jared J. Gartner, Todd D. Prickett, Andrea B. Apolo, Piyush K. Agarwal, Steven A. Rosenberg, and Yong-Chen Lu

Gasdermin D Protects from Melioidosis through Pyroptosis and Direct Killing of Bacteria
Jinyong Wang, Kelly Deobald, and Fabio Re

Prostaglandin E2 Inhibits the Ability of Neutrophils to Kill Listeria monocytogenes
Michelle G. Pitts and Sarah E. F. D’Orazio

SIDT1 Localizes to Endolysosomes and Mediates Double-Stranded RNA Transport into the Cytoplasm
Tan A. Nguyen, Blake R. C. Smith, Kirstin D. Elgass, Sarah J. Creed, Shane Cheung, Michelle D. Tate, Gabrielle T. Belz, Ian P. Wicks, Seth L. Masters, and Ken C. Pang

Structure and Peptidome of the Bat MHC Class I Molecule Reveal a Novel Mechanism Leading to High-Affinity Peptide Binding
Zehui Qu, Zibin Li, Lizhen Ma, Xiaohui Wei, Liijie Zhang, Ruiying Liang, Geng Meng, Nianzhi Zhang, and Chun Xia

Healthy Donors Exhibit a CD4 T Cell Repertoire Specific to the Immunogenic Human Hormone H2-Relaxin before Injection
Aurélie Azam, Yann Gallais, Sergio Mallart, Stephane Illiano, Olivier Duclos, Catherine Prades, and Bernard Maillère
IL-3 Triggers Chronic Rejection of Cardiac Allografts by Activation of Infiltrating Basophils
Saidou Balam, Gabriela Schiechl-Brachner, Simone Buchler, Dagmar Hallbritter, Kathrin Schmidbauer, Yvonne Talke, Sophia Neumayer, Jan-Niklas Salewski, Frederike Winter, Hajime Karasuyama, Yoshinori Yamanishi, Kerstin Renner, Edward K. Geissler, and Matthias Mack

Antigen Priming with Enantiospecific Cationic Lipid Nanoparticles Induces Potent Antitumor CTL Responses through Novel Induction of a Type I IFN Response
Siva K. Gandhapudi, Martin Ward, John Peyton C. Bush, Frank Bedu-Addo, Greg Conn, and Jerold G. Woodward

AUTHOR INDEX

AUTHOR INDEX TO VOLUME 202