This information is current as of June 2, 2017.
IN THIS ISSUE

LETTERS TO THE EDITOR

5907 Comment on “TLR9 Provokes Inflammation in Response to Fetal DNA: Mechanism for Fetal Loss in Preterm Birth and Preeclampsia”
Colin L. Crawford

5907 Comment on “Induced IL-17–Producing Invariant NKT Cells Require Activation in Presence of TGF-β and IL-1β”
Marie-Laure Michel and Maria C. Leite-de-Moraes

5910 Response to Comment on “Induced IL-17–Producing Invariant NKT Cells Require Activation in Presence of TGF-β and IL-1β”
Marta Monteiro and Luis Graca

BRIEF REVIEWS

5913 What Is and What Should Always Have Been: Long-Lived Plasma Cells Induced by T Cell–Independent Antigens
Alexandra Bortnick and David Allman

CUTTING EDGE

5921 Cutting Edge: Receptors for C3a and C5a Modulate Stability of Alloantigen-Reactive Induced Regulatory T Cells
William van der Touw, Paolo Cravedi, Wing-hong Kwan, Estela Paz-Artal, Miriam Merad, and Peter S. Heeger

ALLERGY AND OTHER HYPERSENSITIVITIES

5927 Group V Secretory Phospholipase A2 Is Involved in Macrophage Activation and Is Sufficient for Macrophage Effector Functions in Allergic Pulmonary Inflammation
Shin Ohta, Mitsuru Imamura, Wei Xing, Joshua A. Boyce, and Barbara Balestrieri


The Journal of Immunology (ISSN 0022-1767) is published twice each month by The American Association of Immunologists, Inc., 9650 Rockville Pike, Bethesda, MD 20814-3994, Phone: 301-634-7197, Fax: 301-634-7829. Subscription terms: New subscriptions and renewals begin January 1 and expire one year later (see http://www.jimmunol.org/subscriptions for prices and details). A special rate is available to members of The American Association of Immunologists, Inc. (see http://www.aai.org/membership). The American Association of Immunologists, Inc., is not responsible for undeliverable issues. Replacement issues can be obtained, if available, at the regular price of single issues (see http://www.jimmunol.org/pdf/single_issue_purchase.pdf). Reprints of individual articles are available only from authors. Periodicals postage paid at Bethesda, MD 20814-3994, and at additional mailing offices. Country of origin U.S.A. Printed on acid-free recyclable paper. Postmaster: Send address changes 60 days in advance to The Journal of Immunology, Subscription Department, 9650 Rockville Pike, Bethesda, MD 20814-3994. Copyright © 2013 by The American Association of Immunologists, Inc.
Sialyltransferase ST3Gal-III Regulates Siglec-F Ligand Formation and Eosinophilic Lung Inflammation in Mice
Maho Suzukawa, Marina Miller, Peter Rosenthal, Jae Youn Cho, Taylor A. Doherty, Ajit Varki, and David Broide

ANTIGEN RECOGNITION AND RESPONSES

Separation of Function between Isotype Switching and Affinity Maturation In Vivo during Acute Immune Responses and Circulating Autoantibodies in UNG-Deficient Mice
Astrid Zahn, Matthieu Daugan, Shiva Safavi, David Godin, Cheolho Cheong, Alain Lamarre, and Javier M. Di Noia

AUTOIMMUNITY

Accelerated Turnover of MHC Class II Molecules in Nonobese Diabetic Mice Is Developmentally and Environmentally Regulated In Vivo and Dispensable for Autoimmunity
Alessandra De Riva, Mark C. Varley, Leslie J. Black, Anne Cooke, Michael J. Deery, and Robert Busch

MicroRNA-155 Confers Encephalogenic Potential to Th17 Cells by Promoting Effector Gene Expression

Transglutaminase 2–Specific Autoantibodies in Celiac Disease Target Clustered, N-Terminal Epitopes Not Displayed on the Surface of Cells
Rasmus Iversen, Roberto Di Niro, Jorunn Stamnaes, Knut E. A. Lundin, Patrick C. Wilson, and Ludvig M. Sollid

B Lymphocyte “Original Sin” in the Bone Marrow Enhances Islet Autoreactivity in Type 1 Diabetes–Prone Nonobese Diabetic Mice
Rachel A. Henry-Bonami, Jonathan M. Williams, Aminta B. Rachakonda, Mariam Karamali, Peggy L. Kendall, and James W. Thomas

Antigen-Specific Effector CD4 T Lymphocytes School Lamina Propria Propria Dendritic Cells To Transfer Innate Tolerance
Jason A. Cascio, Cara L. Haymaker, Rohit D. Divekar, Sarah Zaghouani, Marie-Therese Khairallah, Xiaoxiao Wan, Linda M. Rowland, Mermagya Dhakal, Weirong Chen, and Habib Zaghouani

CD40 Mediates Downregulation of CD32B on Specific Memory B Cell Populations in Rheumatoid Arthritis
Xiaoyu Zhang, Erin Burch, Ling Cai, Edward So, Fleesie Hubbard, Eric L. Matteson, and Scott E. Strome

IMMUNE REGULATION

CXCR3 Deficiency Prolongs Th1-Type Contact Hypersensitivity
Hiraku Suga, Makoto Sugaya, Tomomitsu Miyagaki, Hanako Ohmatsu, Hitoshi Okuchi, and Shinichi Sato
Critical Roles of a Dendritic Cell Subset Expressing a Chemokine Receptor, XCR1
Chihiro Yamazaki, Masanaka Sugiyama, Tomokazu Ohta, Hiroaki Hemmi, Eri Hamada, Izumi Sasaki, Yuri Fukuda, Takahiro Yano, Mikako Nishuoka, Takeshi Hirashima, Akihiko Iizuka, Katsuaki Sato, Takashi Tanaka, Katsuaki Hoshino, and Tsuneyasu Kaisho

Looped Host Defense Peptide CLP-19 Binds to Microtubules and Inhibits Surface Expression of TLR4 on Mouse Macrophages
Di Li, Yao Liu, Ya Yang, Jie-hong Chen, Jie Yang, Lin-yun Zou, Zhi-qiang Tian, Jun Lv, and Pei-yuan Xia

Glia Maturation Factor-γ Negatively Modulates TLR4 Signaling by Facilitating TLR4 Endocytic Trafficking in Macrophages
Wulin Aerbaizian, Kevin Lee, Kyung Chin, and Griffin P. Rodgers

Programmed Death-1 Shapes Memory Phenotype CD8 T Cell Subsets in a Cell-Intrinsic Manner
Joanna J. Charlton, Ioannis Chatzidakis, Debbie Tsoukatou, Dimitrios T. Boumpas, George A. Garinis, and Clio Mamalaki

Viral Antigen Induces Differentiation of Foxp3+ Natural Regulatory T Cells in Influenza Virus–Infected Mice
Felipe Bedoya, Guang-Shing Cheng, Akigai Leihou, Nardine Zakhary, Katherine Weisler, Victoria Garcia, Malinda Aitken, Elizabeth Kropp, David S. Garlick, E. John Wherry, Jan Erikson, and Andrew J. Caton

Canonical and Noncanonical Wnt Proteins Program Dendritic Cell Responses for Tolerance
Cecilia Oderup, Melissa LaJevic, and Eugene C. Butcher

The Proto-Oncogene c-myc Regulates Antibody Secretion and Ig Class Switch Recombination
David Fernández, Maitane Ortiz, Lorena Rodríguez, Arancha García, Dolores Martinez, and Ignacio Moreno de Albornoz

CD11c<sup>high</sup>CD8+ Regulatory T Cell Feedback Inhibits CD4 T Cell Immune Response via Fas Ligand–Fas Pathway
Zhubo Chen, Yanmei Han, Yan Gu, Yanfang Liu, Zhengping Jiang, Minghui Zhang, and Xuetao Cao

Developmental Expression of IL-12Rβ2 on Murine Naive Neonatal T Cells Counters the Upregulation of IL-13Ra1 on Primary Th1 Cells and Balances Immunity in the Newborn
Christine M. Hoeman, Mermagya Dhakal, Adam A. Zaghouani, Jason A. Cascio, Xiaoxiao Wan, Marie-Therese Khairallah, Weirong Chen, and Habib Zaghouani

Age-Associated Changes in the Differentiation Potentials of Human Circulating Hematopoietic Progenitors to T- or NK-Lineage Cells
Seishi Kyozumi, Yoshihiko Kubo, Junko Kajimura, Kengo Yoshida, Kazue Imai, Tomonori Hayashi, Kei Nakachi, Lauren F. Young, Malcolm A. Moore, Marcel R. M. van den Brink, and Yoichiro Kusunoki

IL-7 Produced by Thymic Epithelial Cells Plays a Major Role in the Development of Thymocytes and TCRγδ<sup>+</sup> Intraepithelial Lymphocytes
Soichiro Shitara, Takahiro Hara, Bingfei Liang, Keisuke Wagaizuma, Saulius Zuklys, Georg A. Holländer, Hiroshi Nakase, Tiutomi Chiba, Shizue Tani-iichi, and Koichi Ikuta

Recent Thymic Emigrants and Mature Naive T Cells Exhibit Differential DNA Methylation at Key Cytokine Loci
Amy M. Berkley, Deborah W. Hendricks, Kalynn B. Simmons, and Pamela J. Fink

Identification of TMEM131L as a Novel Regulator of Thymocyte Proliferation in Humans
Nesrine Maharzi, Véronique Parreti, Elisabeth Nelson, Simona Denti, Macarena Robledo-Sarmiento, Niclas Setterblad, Aude Parcellier, Martika Pla, François Signaux, Jean Claude Gluckman, and Bruno Canque

Allelic Variation in KIR2DL3 Generates a KIR2DL2-like Receptor with Increased Binding to its HLA-C Ligand
William R. Frazier, Noriko Steiner, Libua Hou, Sivanesan Dakshanamurthy, and Carolyn Katovich Hurley
Y Chromosome–Linked B and NK Cell Deficiency in Mice
Shu-lan Sun, Satoshi Horino, Ari Itoh-Nakadai, Takeshi Kawabe, Asuko Asao, Takeshi Takahashi, Takanori So, Ryo Funayama, Motonari Kondo, Hirotomo Saitsu, Naomichi Matsumoto, Keiko Nakayama, and Naoto Ishii

Immunotherapy and Vaccines

Immunization with Biodegradable Nanoparticles Efficiently Induces Cellular Immunity and Protects against Influenza Virus Infection
Torben Knuschke, Viktoriya Sokolova, Olga Rotan, Munish Wadwa, Matthias Tenbusch, Wiebke Hansen, Peter Staeheli, Matthias Epple, Jan Buer, and Astrid M. Westendorf

Human IL-2 Mutein with Higher Antitumor Efficacy Than Wild Type IL-2
Tania Carmenate, Anabel Pacios, Michel Enamorado, Ernesto Moreno, Karina Garcia-Martinez, Dasha Fuente, and Kalet León

A Novel Targeting Therapy of Malignant Mesothelioma Using Anti-Podoplanin Antibody
Shinji Abe, Yuki Morita, Mika Kato Kaneko, Masaki Hanibuchi, Yuta Tsujimoto, Soji Kakiuchi, Yoichi Aono, Jun Huang, Seidai Sato, Masatoshi Kikuchi, Yuki Taniguchi, Mami Azuma, Kazuyoshi Kawazoe, Yoshitaka Sekido, Seiji Yano, Shinn-iichi Akiyama, Saburo Sone, Kazuo Minakuchi, Yukinari Kato, and Yasuhiko Nishio

Soluble CD27-Pool in Humans May Contribute to T Cell Activation and Tumor Immunity
Jianping Huang, Caroline Jochems, Austin M. Anderson, Tara Talai, Alesandra Jales, Ravi A. Madan, James W. Hodge, Kwong Y. Tsang, David J. Liewehr, Seth M. Steinberg, James L. Gulley, and Jeffrey Schlom

Profound Impairment of Adaptive Immune Responses by Alkylating Chemotherapy
Adam J. Litterman, David M. Zellmer, Karen L. Grinnen, Matthew A. Hunt, Arkadiusz Z. Dudek, Andres M. Salazar, and John R. Ohlfield

Infectious Disease and Host Response

Markers of Nonselective and Specific NK Cell Activation
Leslie A. Fogel, Michel M. Sun, Theresa L. Geurs, Leonidas N. Carayannopoulos, and Anthony R. French

PD-L1/B7-H1 Regulates the Survival but Not the Function of CD8+ T Cells in Herpes Simplex Virus Type 1 Latently Infected Trigeminal Ganglia
Sohyun Jeon, Anthony J. St. Leger, Thomas L. Cherpes, Brian S. Sheridan, and Robert L. Hendricks

STAT4-Dependent and -Independent Th2 Responses Correlate with Protective Immunity against Lung Infection with Pneumocystis murina
Riley C. Myers, Chad W. Dunaway, Michael P. Nelson, Jennifer L. Trevor, Alison Morris, and Chad Steele

An Essential Role of Antibodies in the Control of Chikungunya Virus Infection
Fok-Moon Lum, Teck-Hui Teo, Wendy W. L. Lee, Yiu-Wing Kam, Laurent Rénia, and Lisa F. P. Ng

Proteolytic Activation Transforms Heparin Cofactor II into a Host Defense Molecule
Martina Kalle, Praveen Papareddy, Gopinath Kasety, Douglas M. Tollesien, Martin Malmsten, Matthias Mühlegin, and Artur Schmidchen

Control of Chronic Mycobacterium tuberculosis Infection by CD4 KLGrG1-IL-2–Secreting Central Memory Cells
Thomas Lindenström, Niels Peter Hell Knudsen, Else Marie Agger, and Peter Andersen

Monocyte-Derived IL-5 Reduces TNF Production by Mycobacterium tuberculosis–specific CD4 T Cells during SIV/M. tuberculosis Coinfection
Collin R. Diedrich, Joshua T. Mattila, and JoAnne L. Flynn

IL-1α Signaling Initiates the Inflammatory Response to Virulent Legionella pneumophila In Vivo
Kevin C. Barry, Mary F. Fontana, Jonathan L. Portman, Aisling S. Dugan, and Russell E. Vance

Truncated Form of TGF-βRII, But Not Its Absence, Induces Memory CD8+ T Cell Expansion and Lymphoproliferative Disorder in Mice
Harumichi Ishigame, Munir M. Mosaheb, Shomyseh Sanjabi, and Richard A. Flavell
GB Virus C Particles Inhibit T Cell Activation via Envelope E2 Protein-Mediated Inhibition of TCR Signaling

Nirjal Bhattacharai, James H. McLinden, Jinhua Xiang, Alan L. Landay, Ernest T. Chivero, and Jack T. Stapleton

INNATE IMMUNITY AND INFLAMMATION

Role of Macrophage Receptor with Collagenous Structure in Innate Immune Tolerance

Jian Jing, Ivana V. Yang, Lucy Hui, Jay A. Patel, Christopher M. Evans, Rytis Prkeris, Lester Kobzik, Brian P. O'Connor, and David A. Schwartz

TLR3-Triggered Reactive Oxygen Species Contribute to Inflammatory Responses by Activating Signal Transducer and Activator of Transcription-1

Chul-Su Yang, Juo-Jin Kim, Sung Joong Lee, Jung Huan Huang, Chul-Ho Lee, Myung-Shik Lee, and Eun-Kyeong Jo

Inhaled Carbon Monoxide Accelerates Resolution of Inflammation via Unique Proresolving Mediator–Heme Oxygenase-1 Circuits

Nan Chiang, Masakazu Shinohara, Jesmond Dalli, Valbona Mirakaj, Megumi Kibi, Augustine M. K. Choi, and Charles N. Serhan

Comparative Analysis of Monocyte Subsets in the Pig

Lyne Fairbairn, Ronan Kapetanovic, Dario Beraldini, David P. Sester, Chris K. Tuggle, Alan L. Archibald, and David A. Hume

Galectin-1–Mediated Suppression of Pseudomonas aeruginosa–Induced Corneal Immunopathology

Amol Suryawanshi, Zhiyi Cao, Thananya Thitiprasert, Tanveer S. Zaidi, and Noorjan Panjwani

Assembly of the TLR2/6 Transmembrane Domains Is Essential for Activation and Is a Target for Prevention of Sepsis

Avner Fink, Eliran M. Reuven, Christopher J. Arnusch, Liraz Shmuel-Galia, Niv Antonovsky, and Yechiel Shai

Roles of Adipocytes and Fibroblasts in Activation of the Alternative Pathway of Complement in Inflammatory Arthritis in Mice


Adam8 Limits the Development of Allergic Airway Inflammation in Mice

Martin D. Knolle, Takahiro Nakajima, Anja Hergrueter, Kushagra Gupta, Francesca Polverino, Vanessa J. Craig, Susanne E. Fyfe, Muhammad Zahir, Perdita Permaul, Manuela Cernadas, Gilbert Montano, Yohannes Tesfaagi, Lynette Sholl, Lester Kobzik, Elliot Israel, and Caroline A. Owen

Cell-Autonomous Regulation of Neutrophil Migration by the D6 Chemokine Decoy Receptor

Antal Rot, Clive McKinnne, Claire L. Burt, Kenneth J. Pallas, Thomas Jamesion, Monika Prenusen, Richard Horuk, Robert J. B. Nibbs, and Gerard J. Graham

Identification of a Novel Mode of Complement Activation on Stimulated Platelets Mediated by Properdin and C3(H2O)

Gurpanna Saggu, Claudio Cortes, Heather N. Emch, Galia Ramirez, Randall G. Worth, and Viviana P. Ferreira

Dipeptidyl Peptidase IV Is a Human and Murine Neutrophil Chemorepellent

Sarah E. Herlhy, Darrell Pilling, Anu S. Maharjan, and Richard H. Gomer

Proresolving and Tissue-Protective Actions of Annexin A1–Based Cleavage-Resistant Peptides Are Mediated by Formyl Peptide Receptor 2/Lipoxin A4 Receptor

Jesmond Dalli, Angelo P. Consalvo, Vicki Ray, Clara Di Filippo, Michele D’Amico, Nezer Mehta, and Mauro Perretti

Pseudogout-Associated Inflammatory Calcium Pyrophosphate Dihydrate Microcrystals Induce Formation of Neutrophil Extracellular Traps

Lan Pang, Craig P. Hayes, Kristina Buac, Dae-oon Yoo, and Balázs Rada

SOCS3 Regulates BAFF in Human Enterocytes under Ribosomal Stress

Kee Hun Do, Hye Jin Choi, Juil Kim, Seong-Hwan Park, Ki-Hyung Kim, and Yuwook Moon
Propofol Inhibits Superoxide Production, Elastase Release, and Chemotaxis in Formyl Peptide–Activated Human Neutrophils by Blocking Formyl Peptide Receptor 1
Shun-Chin Yang, Pei-Jen Chung, Chiu-Ming Ho, Chan-Yen Kuo, Min-Fa Hung, Yin-Ting Huang, Wen-Yi Chang, Ya-Wen Chang, Kwok-Hon Chan, and Tsong-Long Huang

Reciprocal Negative Cross-Talk between Liver X Receptors (LXRs) and STAT1: Effects on IFN-γ–Induced Inflammatory Responses and LXR-Dependent Gene Expression
Mónica Pascual-García, Laura Rué, Theresa León, Josep Julve, José María Carbó, Jonathan Matalonga, Herbert Auer, Antonio Celada, Joan Carles Escolla-Gil, Knut R. Steffensen, Esther Pérez-Navarro, and Annabel F. Valledor

Early Inhibition of IL-1β Expression by IFN-γ Is Mediated by Impaired Binding of NF-κB to the IL-1β Promoter but Is Independent of Nitric Oxide
Tatjana Eigenbrod, Konrad A. Bode, and Alexander H. Dalpke

MicroRNA let-7c Regulates Macrophage Polarization
Sami Banerjee, Na Xie, Huachun Cui, Zheng Tan, Shanzhong Yang, Mert Icyaz, Edward Abraham, and Gang Liu

Enhancement of CCL15 Expression and Monocyte Adhesion to Endothelial Cells (ECs) after Hypoxia/Reoxygenation and Induction of ICAM-1 Expression by CCL15 via the JAK2/STAT3 Pathway in ECs
Keun Hyung Park, Tae Hoon Lee, Chan Woo Kim, and Jiyoung Kim

Pleiotropic Potential of Dehydroxymethylepoxyquinomicin for NF-κB Suppression via Reactive Oxygen Species and Unfolded Protein Response
Shotaro Nakajima, Hironori Kato, Liubao Gu, Shuhei Takahashi, Hisashi Johno, Kazuo Umezawa, and Masanori Kitamura

A Potential Suppressive Effect of Natural Antisense IL-1β RNA on Lipopolysaccharide-Induced IL-1β Expression
Jiawei Lu, Xiurong Wu, Mao Hong, Peter Tobias, and Jiahuai Han

miR-142-3p Is Involved in CD25+ CD4 T Cell Proliferation by Targeting the Expression of Glycoprotein A Repetitions Predominant
Qihui Zhou, Sonja Haupt, Iryna Prots, Katja Thünmler, Elisabeth Kremmer, Peter E. Lipsky, Hendrik Schulze-Koops, and Alla Skapenko

Superantigen-Induced Steroid Resistance Depends on Activation of Phospholipase Cβ2
Auke P. Verhaar, Manon E. Wildenberg, Marjolijn Duijvestein, Anne Christine W. Vou, Maikel P. Peppelenbosch, Mark Löwenberg, Daniel W. Hommes, and Gijs R. van den Brink

Mechanism of IL-1β Modulation of Intestinal Epithelial Barrier Involves p38 Kinase and Activating Transcription Factor-2 Activation
Rana Al-Sadi, Shuhong Guo, Dongmei Ye, Karol Dokladny, Tarik Alhmoud, Lisa Ereifej, Hamid M. Said, and Thomas Y. Ma

Total Parenteral Nutrition–Associated Lamina Propria Inflammation in Mice Is Mediated by a MyD88-Dependent Mechanism
Eiichi A. Miyasaka, Yongjia Feng, Valeriy Poroyko, Nicole R. Falkowski, John Erb-Downward, Merritt G. Gilliland, III, Katie L. Mason, Gary B. Huffnagle, and Daniel H. Teitelbaum

Th1/Th17-Mediated Interstitial Pneumonia in Chronic Colitis Mice Independent of Intestinal Microbiota
Yasuhiro Nemoto, Takanori Kanai, Masahiro Takahara, Shigeru Oshima, Ryuichi Okamoto, Kiihiro Tsuchiya, Satoshi Matsumoto, and Mamoru Watanabe

Helicobacter pylori Infection Inhibits Phagocyte Clearance of Apoptotic Gastric Epithelial Cells
Diane Bimczok, Lesley E. Smythies, Ken B. Waites, Jayleen M. Grams, Richard D. Stahl, Peter J. Mannon, Shajen Peter, C. Mel Wilcos, Paul R. Harris, Soumita Das, Peter B. Ernst, and Phillip D. Smith
TRANSPLANTATION
6635 HLA Class I Antibodies Trigger Increased Adherence of Monocytes to Endothelial Cells by Eliciting an Increase in Endothelial P-Selectin and, Depending on Subclass, by Engaging FcγRs
Nicole M. Valenzuela, Arend Mulder, and Elaine F. Reed

TUMOR IMMUNOLOGY
6651 Host B7-H4 Regulates Antitumor T Cell Responses through Inhibition of Myeloid-Derived Suppressor Cells in a 4T1 Tumor Transplantation Model
Joanne Leung and Woong-Kyung Suh

6652 Inhibition of Glycogen Synthase Kinase-3 Increases NKG2D Ligand MICA Expression and Sensitivity to NK Cell–Mediated Cytotoxicity in Multiple Myeloma Cells: Role of STAT3
Cinzia Fionda, Giulia Malgarini, Alessandra Soriani, Alessandra Zingoni, Francesca Cecere, Maria Luisa Iannitto, Maria Rosaria Ricciardi, Vincenzo Federico, Maria Teresa Petrucci, Angela Santoni, and Marco Cippitelli

6662 Inhibition of Glycogen Synthase Kinase-3 Increases NKG2D Ligand MICA Expression and Sensitivity to NK Cell–Mediated Cytotoxicity in Multiple Myeloma Cells: Role of STAT3
Cinzia Fionda, Giulia Malgarini, Alessandra Soriani, Alessandra Zingoni, Francesca Cecere, Maria Luisa Iannitto, Maria Rosaria Ricciardi, Vincenzo Federico, Maria Teresa Petrucci, Angela Santoni, and Marco Cippitelli

6663 Protective Role of the Inflammatory CCR2/CCL2 Chemokine Pathway through Recruitment of Type 1 Cytotoxic γδ T Lymphocytes to Tumor Beds
Telma Lanza, Maria Fernanda Costa, Natacha Gonçalves-Sousa, Margarida Rei, Ana Rita Grosso, Carmen Penido, and Bruno Silva Santos

6681 Cross Talk between Follicular Th Cells and Tumor Cells in Human Follicular Lymphoma Promotes Immune Evasion in the Tumor Microenvironment
Seema Rawal, Fuliang Chu, Min Zhang, Huyun Jun Park, Durga Nattamati, Shibichakravarthy Kannan, Rakesh Sharma, David Delgado, Tina Chou, Heather Y. Lin, Veerabhadran Baladandayuthapani, Amber Luong, Francisco Vega, Nathan Fowler, Chen Dong, R. Eric Davis, and Sattva S. Neelapu

6694 T Cell Costimulation with Anti-CD137 Monoclonal Antibodies Is Mediated by K63–Polyubiquitin-Dependent Signals from Endosomes

CORRECTIONS
6707 Correction: High Affinity IgG Antibodies Develop Naturally in Ig-Knockout Rats Carrying Germline Human IgH/Igκ/Igλ Loci Bearing the Rat Cμ Region
Michael J. Osborn, Biao Ma, Suzanne Avis, Ashleigh Binnie, Jeanette Dilley, Xi Yang, Kevin Lindquist, Séverine Ménoret, Anne-Laure Iscache, Laure-Hélène Ouisse, Arvind Rajpal, Ignacio Anegon, Michael S. Neuberger, Roland Buelow, and Marianne Brüggemann

6708 Correction: Peptidoglycan Recognition Protein 1 Enhances Experimental Asthma by Promoting Th2 and Th17 and Limiting Regulatory T Cell and Plasmacytoid Dendritic Cell Responses
Shin Yong Park, Xuefang Jing, Dipika Gupta, and Roman Dziarski

6709 Correction: Targeting Macrophage Activation for the Prevention and Treatment of Staphylococcus aureus Biofilm Infections
Mark L. Hanke, Cortney E. Heim, Amanda Angle, Sam D. Sanderson, and Tammy Kielian

6711 Correction: B Cell Activation Is Regulated by the Stiffness Properties of the Substrate Presenting the Antigens
Zhengpeng Wan, Shaozen Zhang, Yilin Fan, Kai Liu, Feng Du, Angel M. Davey, Huiyuan Zhang, Weidong Han, Chunyang Xiong, and Wanli Liu

AUTHOR INDEX

SUBJECT INDEX TO VOLUME 190