This information is current as of July 2, 2022.

200 (10)

J Immunol 2018; 200:3315-3661; http://www.jimmunol.org/content/200/10

Why The JI? Submit online.
- Rapid Reviews! 30 days* from submission to initial decision
- No Triage! Every submission reviewed by practicing scientists
- Fast Publication! 4 weeks from acceptance to publication

Subscription Information about subscribing to The Journal of Immunology is online at: http://jimmunol.org/subscription

Permissions Submit copyright permission requests at: http://www.aai.org/About/Publications/JI/copyright.html

Email Alerts Receive free email-alerts when new articles cite this article. Sign up at: http://jimmunol.org/alerts
IN THIS ISSUE

3315 Tonic TCR Signaling and Immune Responses See article p. 3429
IL-2 Mutein Can Selectively Inhibit Regulatory T Cells See article p. 3475
Early Intervention in HIV Preserves Mucosal B Cells See article p. 3519
Role of IL-6 in Granulocytes See article p. 3547

LETTERS TO THE EDITOR

3317 Comment on “Development of Asthma in Inner-City Children: Possible Roles of MAIT Cells and Variation in the Home Environment”
Guillaume Lezmi and Maria C. Leite-de-Moraes

3317 Response to Comment on “Development of Asthma in Inner-City Children: Possible Roles of MAIT Cells and Variation in the Home Environment”
Shilpi Chandra, Gerhard Wingender, Jason A. Greenbaum, and Mitchell Kronenberg

IMMUNOLOGY NOTES AND RESOURCES

3319 Flow Cytometry Data Preparation Guidelines for Improved Automated Phenotypic Analysis
Daniel Jimenez-Carretero, José M. Ligos, María Martínez-López, David Sancho, and María C. Montoya

BRIEF REVIEWS

3333 Invariant NKT Cells and Control of the Thymus Medulla
Andrea J. White, Beth Lucas, William E. Jenkinson, and Graham Anderson

CUTTING EDGE

3341 Cutting Edge: Blockade of Inhibitor of Apoptosis Proteins Sensitizes Neutrophils to TNF- but Not Lipopolysaccharide-Mediated Cell Death and IL-1β Secretion
Kaisen W. Chen, Kate E. Lawlor, Jessica B. von Pein, Dave Boucher, Matti Gerlic, Ben A. Croker, Jelena S. Bezbradica, James E. Vince, and Kate Schroder

Cutting Edge: Protection by Antiviral Memory CD8 T Cells Requires Rapidly Produced Antigen in Large Amounts  
Sanda Remakus, Xueying Ma, Lingjuan Tang, Ren-Huan Xu, Cory Knudson, Carolina R. Melo-Silva, Daniel Rubio, Yin-Ming Kuo, Andrew Andrews, and Luis J. Sigal

AUTOIMMUNITY

HLA-B*39:06 Efficiently Mediates Type 1 Diabetes in a Mouse Model Incorporating Reduced Thymic Insulin Expression  
Jennifer Schloss, Riyat Ali, Jeremy J. Racine, Harold D. Chapman, David V. Serreze, and Teresa P. DiLorenzo

Netting Neutrophils Activate Autoreactive B Cells in Lupus  
Nicolas Gestermann, Jeremy Di Domizio, Roberto Lande, Olivier Demaria, Loredana Frasca, Laurence Feldmeyer, Julie Di Luca, and Michel Gillet

CLINICAL AND HUMAN IMMUNOLOGY

Multiple Homozygous Variants in the STING-Encoding TMEM173 Gene in HIV Long-Term Nonprogressors  
Sara K. Nissen, Jesper G. Pedersen, Marie Helleberg, Kathrine Kjær, Karthiga Thavachelvam, Niels Obel, Martin Tolstrup, Martin R. Jakobsen, and Trine H. Mogensen

CD83 Antibody Inhibits Human B Cell Responses to Antigen as well as Dendritic Cell–Mediated CD4 T Cell Responses  
Kuan Y. Wong, Rebecca Baron, Therese A. Seldon, Martina L. Jones, Alison M. Rice, and David J. Munsler

IMMUNE REGULATION

TCF-1 Inhibits IL-17 Gene Expression To Restrain Th17 Immunity in a Stage-Specific Manner  
Jing Zhang, Zhiheng He, Subba Sen, Fei Wang, Qiang Zhang, and Zuoming Sun

Stearic Acid Induces CD11c Expression in Proinflammatory Macrophages via Epidermal Fatty Acid Binding Protein  
Jun Zeng, Yuwen Zhang, Jiaqing Hao, Yanwen Sun, Shujun Liu, David A. Bernlohr, Edward R. Sauter, Margot P. Cleary, Jill Suttles, and Bing Li

Crk Adaptor Proteins Regulate NK Cell Expansion and Differentiation during Mouse Cytomegalovirus Infection  
Tiukasa Nabekura, Zhiying Chen, Casey Schroeder, Taeju Park, Eric Vivier, Lewis L. Lanier, and Dongfang Liu

Tuning T Cell Signaling Sensitivity Alters the Behavior of CD4+ T Cells during an Immune Response  
Ashley A. Viehmann Milam, Juliet M. Bartleson, David L. Donermeyer, Stephen Horvath, Vivek Durai, Saravanan Raju, Haiyang Yu, Veronika Redmann, Bernd Zinselmeyer, J. Michael White, Kenneth M. Murphy, and Paul M. Allen

Crucial Role of Linear Ubiquitin Chain Assembly Complex–Mediated Inhibition of Programmed Cell Death in TLR4-Mediated B Cell Responses and B1b Cell Development  
Yoshiteru Sasaki and Kazuhiro Iwai

IMMUNE SYSTEM DEVELOPMENT

c-Myb Coordinates Survival and the Expression of Genes That Are Critical for the Pre-BCR Checkpoint  
Shawn P. Fahl, Andrea R. Daamen, Rowena B. Crittenden, and Timothy P. Bender

IMMUNOTHERAPY AND VACCINES

Peptide Vaccine Formulation Controls the Duration of Antigen Presentation and Magnitude of Tumor-Specific CD8+ T Cell Response  
Hiep Khong, Anika Volmari, Meenu Sharma, Zhimin Dai, Chinonye S. Inno, Yared Hailemichael, Manisha Singh, Derek T. Moore, Zhilan Xiao, Xue-fei Huang, Thomas D. Horvath, David H. Hawke, and Willem W. Overwijk
Blocking IL-2 Signal In Vivo with an IL-2 Antagonist Reduces Tumor Growth through the Control of Regulatory T Cells
Tania Carmenate, Yaquelí Ortíz, Michel Enamorado, Karina García-Martínez, Janet Avellanet, Ernesto Moreno, Luis Graça, and Kalet Leon

Efficacy and Mechanism of Antitumor Activity of an Antibody Targeting Transferrin Receptor 1 in Mouse Models of Human Multiple Myeloma
Lai Sum Leoh, Yoon Kyung Kim, Pierre V. Candelaria, Otóniel Martínez-Maza, Tracy R. Daniels-Wells, and Manuel L. Penichet

INFECTION DISEASE AND HOST RESPONSE

Human IgG Increases Virulence of Streptococcus pyogenes through Complement Evasion
David Ermert, Antonin Weckel, Michal Mogda, Matthias Morgen, Jutamas Shaugnessy, Peter A. Rice, Lars Björck, Sanjay Ram, and Anna M. Blom

MicroRNA-27b Modulates Inflammatory Response and Apoptosis during Mycobacterium tuberculosis Infection
Shuxin Liang, Zhigang Song, Yongyan Wu, Yuanpeng Gao, Mingqing Gao, Fayang Liu, Fengyu Wang, and Yong Zhang

Early Antiretroviral Therapy Preserves Functional Follicular Helper T and HIV-Specific B Cells in the Gut Mucosa of HIV-1–Infected Individuals
Cyril Planchais, Laurent Hocheuleux, Clara Ibanez, Sébastien Gallien, Christiane Copie, Mathieu Surenaud, Ayin Kök, Valérie Lorin, Mathieu Fasano, Marie-Hélène Delfau-Larue, Laurent Lefrou, Thierry Prazou, Michael Lévy, Nabila Sedddiki, Jean-Daniel Lelièvre, Hugo Mouquet, Yves Lévy, and Sophie Hie

Elevated Hepatic CD1d Levels Coincide with Invariant NKT Cell Defects in Chronic Hepatitis B Virus Infection
Xiaosheng Tan, Yajie Ding, Peng Zhu, Rui Dou, Zhibei Liang, Daofeng Yang, Zhiyong Huang, Wei Wang, Xiongwen Wu, and Xufang Weng

Characterizing the Mechanisms of Nonopsonic Uptake of Cryptococci by Macrophages
Jerson Lim, Christopher J. Coates, Paula I. Seoane, Mariam Garelnabi, Leanne M. Taylor-Smith, Pauline Monteith, Camille L. Macleod, Claire J. Esaron, Gordon D. Brown, Rebecca A. Hall, and Robin C. May

INNATE IMMUNITY AND INFLAMMATION

Granulocytes Are Unresponsive to IL-6 Due to an Absence of gp130

Inflammasome-Independent Leukotriene B4 Production Drives Crystalline Silica–Induced Sterile Inflammation
Bindu Hegde, Sobha R. Bodduluri, Shuchismita R. Satpathy, Raghav S. Aghusham, Venkatakrishna R. Jala, Silvia M. Uriarte, Dong-Hoon Chung, Matthew B. Lawrenz, and Bodduhuri Haribabu

Oral NaHCO3 Activates a Splenic Anti-Inflammatory Pathway: Evidence That Cholinergic Signals Are Transmitted via Mesothelial Cells

Mycobacterium tuberculosis PPE18 Protein Reduces Inflammation and Increases Survival in Animal Model of Sepsis
Asma Ahmed, Komal Dolasia, and Sangita Mukhopadhyay

The Synergy between Palmitate and TNF-α for CCL2 Production Is Dependent on the TRIF/IRF3 Pathway: Implications for Metabolic Inflammation
Rasheed Ahmad, Areej Al-Roub, Shihab Kochumon, Nadeem Akther, Reebay Thomas, Manju Kumari, Merin S. Kohey, Ali Tiss, Yusuf A. Hanmun, Jaakko Tuomilehto, Sardar Sindhu, and Evan D. Rosen
Inflammatory Macrophage Expansion in Pulmonary Hypertension Depends upon Mobilization of Blood-Borne Monocytes
Jonathan Florentin, Emilie Coppin, Sathish Babu Vasamsetti, Jingyi Zhao, Yi-Yin Tai, Ying Tang, Yingze Zhang, Annie Watson, John Sembrat, Mauricio Rojas, Sara O. Vargas, Stephen Y. Chan, and Partha Dutta

A Nonpyroptotic IFN-γ–Triggered Cell Death Mechanism in Nonphagocytic Cells Promotes Salmonella Clearance In Vivo
Justin P. Ingram, Sarah Tursi, Ting Zhang, Wei Guo, Chaoran Yin, Meghan A. Wynosky-Dolfi, Joris van der Heijden, Kathy Q. Cai, Masahiro Yamamoto, B. Brett Finlay, Igor E. Brodsky, Sergei I. Grivennikov, Çağla Tükel, and Siddharth Balachandran

Antigen-Induced but Not Innate Memory CD8 T Cells Express NKG2D and Are Recruited to the Lung Parenchyma upon Viral Infection
Morgan Grau, Sèverine Valsesia, Julien Mafille, Sophia Djebali, Martine Tomkowiak, Anne-Laure Mathieu, Daphnée Laubreton, Simon de Bernard, Pierre-Emmanuel Jouve, Erwan Ventre, Laurent Buffat, Thierry Walzer, Yann Leverrier, and Jacqueline Marvel

Tumor Tolerance–Promoting Function of Regulatory T Cells Is Optimized by CD28, but Strictly Dependent on Calcineurin
Francesco Marangoni, Ruan Zhang, Vinidhra Mani, Martin Thelen, Noor J. Ali Akbar, Ross D. Warner, Tarmo Äijö, Valentina Zappulli, Gustavo J. Martinez, Laurence A. Turka, and Thorsten R. Mempel

AUTHOR INDEX