This information is current as of October 28, 2017.

Why The JI?
• Rapid Reviews! 30 days* from submission to initial decision
• No Triage! Every submission reviewed by practicing scientists
• Speedy 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

5323 Exosomes Enhance IgE See article p. 5383

Tregs Deflate Lung Autoimmunity See article p. 5460

Ag and Comparative Kinetics of Contraction See article p. 5655

Regulating Transplant Rejection See article p. 5764

PILLARS OF IMMUNOLOGY

5325 The Power of Dilution: Using Adoptive Transfer To Study TCR Transgenic T Cells
Jonathan Sprent

Elizabeth R. Kearney, Kathryn A. Pape, Dennis Y. Loh, and Marc K. Jenkins

BRIEF REVIEWS

5341 Exploiting Apoptosis for Therapeutic Tolerance Induction
Daniel R. Getts, Derrick P. McCarthy, and Stephen D. Miller

CUTTING EDGE

5349 Cutting Edge: IL-25 Elicits Innate Lymphoid Type 2 and Type II NKT Cells That Regulate Obesity in Mice
Emily Hams, Richard M. Locksley, Andrew N. J. McKenzie, and Padraic G. Fallon

5354 Cutting Edge: Feed-Forward Activation of Phospholipase Cγ2 via C2 Domain–Mediated Binding to SLP65
Michael Engelke, Thomas Oellerich, Kai Dittmann, He-Hsuan Hsiao, Henning Urlaub, Hubert Serve, Christian Griesinger, and Jürgen Wienands

On the cover: The three-dimensional structure of p33 (gC1qR) with indicated binding sites for antimicrobial peptides: TEA20 (red), CHY20 (blue), and TGE20 (green). Molecular graphics were performed with a University of California, San Francisco Chimera package, developed by the Resource for Biocomputing, Visualization, and Informatics at the University of California, San Francisco (supported by the National Institute of General Medical Sciences [NIGMS P41-GM103311]). Westman, J., F. C. Hansen, A. I. Olin, M. Mörgelin, A. Schmidtchen, and H. Herwald. 2013. p33 (gC1q receptor) prevents cell damage by blocking the cytolytic activity of antimicrobial peptides. J. Immunol. 191: 5714–5721.
ALLERGY AND OTHER HYPERSENSITIVITIES

5359 Lyn Mitigates Mouse Airway Remodeling by Downregulating the TGF-β3 Isoform in House Dust Mite Models
Guoping Li, John Fox, III, Zhigang Liu, Jun Liu, George F. Gao, Yang Jin, Hongwei Gao, and Min Wu

5371 TRPA1-Dependent Pruritus in IL-13–Induced Chronic Atopic Dermatitis
Min-Hee Oh, Sun Young Oh, Jingning Lu, Hongfei Lou, Allen C. Myers, Zhou Zhu, and Tao Zheng

5383 Adrenergic Regulation of IgE Involves Modulation of CD23 and ADAM10 Expression on Exosomes
Caroline J. Padro, Todd M. Shawler, Matthew G. Gormley, and Virginia M. Sanders

ANTIGEN RECOGNITION AND RESPONSES

5398 CD8+ T Cell Responses to Lytic EBV Infection: Late Antigen Specificities as Subdominant Components of the Total Response
Rachel J. M. Abbott, Laura L. Quinn, Alison M. Leese, Harry M. Scholes, Annette Pachnio, and Alan B. Rickinson

5410 Substrate-Induced Protein Stabilization Reveals a Predominant Contribution from Mature Proteins to Peptides Presented on MHC Class I
Jeff D. Colbert, Diego J. Farfan-Arribas, and Kenneth L. Rock

AUTOIMMUNITY

5420 TNF-like Ligand 1A (TL1A) Gene Knockout Leads to Ameliorated Collagen-Induced Arthritis in Mice: Implication of TL1A in Humoral Immune Responses
Xuehai Wang, Yan Hu, Tania Charpentier, Alain Lamarre, Shijie Qi, Jiangping Wu, and Hongyu Luo

5430 A Novel Approach to Tracking Antigen-Experienced CD4 T Cells into Functional Compartments via Tandem Deep and Shallow TCR Clonotyping
Megan Estorninho, Vivienne B. Gibson, Deborah Kronenberg-Versteeg, Yuk-Fun Liu, Chester Ni, Karen Cerosi and Kenneth Rock

5441 Posttranscriptional Gene Regulation of IL-17 by the RNA-Binding Protein HuR Is Required for Initiation of Experimental Autoimmune Encephalomyelitis
Jing Chen, Jason Gascio, Joseph D. Magee, Patsharaporn Techasintana, Matthew M. Gubin, Garrett M. Dahm, Robert Calaluca, Shiguang Yu, and Ulus Atasoy

5451 Acute-Phase Protein Hemopexin Is a Negative Regulator of Th17 Response and Experimental Autoimmune Encephalomyelitis Development
Simona Rolla, Giada Ingoglia, Valentina Bardina, Lorenzo Silengo, Fiorella Altruda, Francesco Novelli, and Emanuela Tolosano

5460 Chronic Follicular Bronchiolitis Requires Antigen-Specific Regulatory T Cell Control To Prevent Fatal Disease Progression

5477 Reduction of CD18 Promotes Expansion of Inflammatory γδ T Cells Collaborating with CD4+ T Cells in Chronic Murine Psoriasiform Dermatitis
Martina Gatzka, Adelheid Hainzl, Thorsten Peters, Kamayani Singh, Alpaslan Tasdogan, Meinhard Wlaschek, and Karin Scharffetter-Kochanek

5489 Regulatory T Cells Suppress the Late Phase of the Immune Response in Lymph Nodes through P-Selectin Glycoprotein Ligand-1
Stefano Angiari, Barbara Rossi, Laura Piccio, Bernd H. Zinselmeyer, Simona Budui, Elena Zenaro, Vittorina Della Bianca, Simone D. Bach, Elio Scarpini, Matteo Bolomini-Vittori, Gennj Piacentino, Silvia Dusi, Carlo Laudanna, Anne H. Cross, Mark J. Miller, and Gabriela Constantin

CLINICAL AND HUMAN IMMUNOLOGY

5501 Placental Macrophages Are Impaired in Chorioamnionitis, an Infectious Pathology of the Placenta
Amira Ben Amara, Laurence Gervol, Karine Bauan, Justin Derain-Court, Christophe Buffat, Christel Verlort, Julien Textoris, Eric Ghigo, Florence Bretelle, Isabelle Maridonneau-Parini, and Jean-Louis Mege
Exosomes Secreted by Human Placenta Carry Functional Fas Ligand and TRAIL Molecules and Convey Apoptosis in Activated Immune Cells, Suggesting Exosome-Mediated Immune Privilege of the Fetus
Ann-Christin Stenqvist, Olga Nagaeva, Vladimir Baranov, and Lucia Mincheva-Nilsson

Brain Human Monoclonal Autoantibody from Sydenham Chorea Targets Dopaminergic Neurons in Transgenic Mice and Signals Dopamine D2 Receptor: Implications in Human Disease
Carol J. Cox, Meenakshi Sharma, James F. Leckman, Jonathan Zuccolo, Amir Zuccolo, Abraham Kvoor, Susan E. Swedo, and Madeleine W. Cunningham

Programmed Death 1–Mediated T Cell Exhaustion during Visceral Leishmaniasis Impairs Phagocyte Function
Kevin J. Esch, Rachel Juelsgaard, Pedro A. Martinez, Douglas E. Jones, and Christine A. Petersen

Homeostasis of Human NK Cells Is Not IL-15 Dependent
Herve Lebrec, Michelle J. Horner, Kevin S. Gorski, Wayne Tsuji, Dong Xia, Wei-Jian Pan, Gary Means, Greg Pietz, Nianyu Li, Marc Retter, Kathy Shaffer, Neha Patel, Padma K. Narayanana, and Eric A. Butz

Unique Features of Naive CD8+ T Cell Activation by IL-2
Jae-Ho Cho, Hee-Ok Kim, Kyu-Sik Kim, Deok-Hwan Yang, Charles D. Suro, and Jonathan Sprent

Hepatocytes Contribute to Immune Regulation in the Liver by Activation of the Notch Signaling Pathway in T Cells
Sven Burggardts, Annette Erhardt, Benjamin Clauss, Samuel Huber, Guido Adler, Thomas Jacobs, Athena Chalaris, Dirk Schmidt-Arras, Stefan Rose-John, Khalil Karimi, and Gisa Tieg

Enhancing T Lineage Production in Aged Mice: A Novel Function of Foxn1 in the Bone Marrow Niche
Erin C. Zook, Shubin Zhang, Rachel M. Gerstein, Pamela L. Witte, and Phong T. Le

Microglial Activation Milieu Controls Regulatory T Cell Responses
Friederike Ebner, Christine Brands, Peggy Thiele, Daniel Richter, Ulrike Schlieser, Volker Siffrin, Jutta Schueler, Tobias Stubbe, Agnes Ellinghaus, Christian Meisel, Birgit Sawitzki, and Robert Nitsch

The Road to Memory: An Early Rest for the Long Journey
Liam Pock Ho, Pui San Yit, Lee Hui Ng, Yeh Ching Linn, Yi Zhao, Li Sun, Khoon Lin Ling, Mickey Boon Chai Koh, Meng-Chun Monica Shih, Shang Li, Xue Ying Wang, Sim Leng Tien, and Yeow Tze Goh

Mannose Receptor 1 Mediates Cellular Uptake and Endosomal Delivery of CpG-Motif Containing Oligodeoxynucleotides
Annie Park Moseman, E. Ashley Moseman, Stephen Schworer, Irina Smirnova, Tatyana Volkova, Ulrich von Andrian, and Alexander Poltorak

Complement Factor B Is the Downstream Effector of TLRs and Plays an Important Role in a Mouse Model of Severe Sepsis
Lin Zou, Yan Feng, Yan Li, Ming Zhang, Chan Chen, Jiayan Cai, Yu Gong, Larry Wang, Joshua M. Thurman, Xiaobo Wu, John P. Atkinson, and Wei Chao

Sialylation of Campylobacter jejuni Endotoxin Promotes Dendritic Cell–Mediated B Cell Responses through CD14-Dependent Production of IFN-β and TNF-α
Ruth Huizinga, Wouter van Rijs, Jeffrey J. Bajramovic, Mark L. Kuijf, Janneke N. Samsom, Jon D. Laman, Janneke E. Samsom, and Bart C. Jacobs

Nod1 and Nod2 Enhance TLR-Mediated Invariant NKT Cell Activation during Bacterial Infection
Thirumahal Selvanantham, Nichole K. Escalante, Mayra Cruz Tleugabulova, Stephanie Flévé, Stephen E. Girardin, Dana J. Philpott, and Thierry Mallevaey

Differential T Cell Responses to Residual Viral Antigen Prolong CD4+ T Cell Contraction following the Resolution of Infection
Ichiro Misumi, Mehrdad Alirezaei, Boreth Eam, Maureen A. Su, J. Lindsay Whitton, and Jason K. Whitmire
Cytomegalovirus-Seropositive Children Show Inhibition of In Vitro EBV Infection That Is Associated with CD8+CD57+ T Cell Enrichment and IFN-γ
Ebba Sohlberg, Shanie Saghaftian-Hedengren, Edhsan Rasul, Giovanna Marchini, Caroline Nilson, Eva Klein, Noémie Nagy, and Eva Sverremark-Ekström

INNATE IMMUNITY AND INFLAMMATION

The Uncoupling of Monocyte–Platelet Interactions from the Induction of Proinflammatory Signaling in Monocytes
Jillian Stephen, Barry Emerson, Keith A. A. Fox, and Ian Dransfield

CX3CR1 Regulates the Maintenance of KLRG1+ NK Cells into the Bone Marrow by Promoting Their Entry into Circulation
Andrea Ponzetta, Giuseppe Sciumè, Giorgia Benigni, Fabrizio Antonangeli, Stefania Morrone, Angela Santoni, and Giovanni Bernardini

Tissue LyC6− Macrophages Are Generated in the Absence of Circulating LyC6− Monocytes and Nur77 in a Model of Muscle Regeneration
Tamas Varga, Rémi Mounier, Peter Gogolak, Szilárd Poliska, Bénédicte Chataaud, and Laszlo Nagy

Regulation of Apoptosis and Innate Immune Stimuli in Inflammation-Induced Preterm Labor

p33 (gC1q Receptor) Prevents Cell Damage by Blocking the Cytolytic Activity of Antimicrobial Peptides
Johannes Westman, Finja C. Hansen, Anders I. Olin, Matthias Mörgelin, Artur Schmidteich, and Heiko Herwald

MOLECULAR AND STRUCTURAL IMMUNOLOGY

Interaction of CD99 with Its Paralog CD99L2 Positively Regulates CD99L2 Trafficking to Cell Surfaces
Giri Nam, Young-Kwan Lee, Hye Yeong Lee, Min Jung Ma, Masatake Araki, Kimi Araki, Seungbok Lee, Im-Soon Lee, and Eun Young Choi

The Binding of TAPBPR and Tapasin to MHC Class I Is Mutually Exclusive
Clemens Hermann, Lisa M. Strittmatter, Janet E. Deane, and Louise H. Boyle

Alternative End-Joining and Classical Nonhomologous End-Joining Pathways Repair Different Types of Double-Strand Breaks during Class-Switch Recombination
Elena M. Cortizas, Astrid Zahn, Maurice E. Hajjar, Anne-Marie Patenaude, Javier M. Di Noia, and Ramiro E. Verdun

TRANSPLANTATION

Recipient Myeloid-Derived Immunomodulatory Cells Induce PD-1 Ligand–Dependent Donor CD4+Foxp3+ Regulatory T Cell Proliferation and Donor–Recipient Immune Tolerance after Murine Nonmyeloablative Bone Marrow Transplantation
Marie van der Merwe, Hossam A. Abdelsamed, Aman Seth, Taren Ong, Peter Vogel, and Asha B. Pillai

CORRECTIONS

Correction: Mesenchymal Stem Cells Inhibit Human Th17 Cell Differentiation and Function and Induce a T Regulatory Cell Phenotype
Soufiane Ghannam, Jérôme Pène, Gabriel Maquet-Torcy, Christian Jorgensen, and Hans Yssel

Correction: Uptake and Nature of the Intracellular Binding of Cyclosporin A in a Murine Thymoma Cell Line, BW5147
Marilyn P. Merker and Robert E. Handschumacher

AUTHOR INDEX