This information is current as of July 10, 2022.

202 (2)

*average

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
EDITORIAL
325 Immunity to Influenza: Closing in on a Moving Target
Eugene M. Oltz

INVITED COMMENTARY
327 Immunity to Influenza: Catching a Moving Target To Improve Vaccine Design
Catharine I. Paules, Adrian B. McDermott, and Anthony S. Fauci

IN THIS ISSUE
333 Impact of CMV and Aging on CD8 T Cell Repertoires See article p. 476
IL-6 Drives Muscle Wasting during IAV Infection See article p. 484
Corneal Hypoxia See article p. 514
Fishy IFN See article p. 559

BRIEF REVIEWS
335 Original Antigenic Sin: How First Exposure Shapes Lifelong Anti–Influenza Virus Immune Responses
Ali Zhang, Hannah D. Stacey, Caitlin E. Mullaney, and Matthew S. Miller

341 Influenza Pathogenesis: The Effect of Host Factors on Severity of Disease
Anshu P. Gounder and Adrianus C. M. Boon

351 The Multifaceted B Cell Response to Influenza Virus
Jonathan H. Lam and Nicole Baumgarth

INNATE IMMUNITY AND INFLAMMATION

527 G2A Protects Mice against Sepsis by Modulating Kupffer Cell Activation: Cooperativity with Adenosine Receptor 2b  
Hong-Mei Li, Ji Hye Jang, Jun-Sub Jung, Jisoon Shin, Chul O. Park, Yeon-Ja Kim, Won-Gyun Ahn, Ju-Suk Nam,  
Chang-Won Hong, Jongho Lee, Yu-Jin Jung, Jianguo Chen, Katya Ravid, H. Thomas Lee, Won-Ki Hub,  
Janusz H. Kabarowski, and Dong-Keun Song

539 Microglia Regulate Neuroglia Remodeling in Various Ocular and Retinal Injuries  
Eleftherios I. Pachalis, Fengyang Lei, Chengxin Zhou, Xiaohong Nancy Chen, Vassiliki Kapoulea, Pui-Chuen Hui,  
Reza Dana, James Chodosh, Demetrios G. Vavvas, and Claes H. Dohlman

550 Charcot–Leyden Crystals Activate the NLRP3 Inflammasome and Cause IL-1β Inflammation in  
Human Macrophages  
Juan Francisco Rodríguez-Alcázar, Marco Antonio Ataide, Gudrun Engels, Christine Schmitt-Mabmunyo, Natalio Garbi,  
Wolfgang Kastenmüller, Eicke Latz, and Bernardo S. Franklin

559 Zebrafish MVP Recruits and Degrades TBK1 To Suppress IFN Production  
Shun Li, Long-Feng Lu, Zhuo-Cong Li, Can Zhang, Xiao-Yu Zhou, Yu Zhou, and Yong-An Zhang

567 Mettl3 Deficiency Sustains Long-Chain Fatty Acid Absorption through Suppressing Traf6-Dependent  
Inflammation Response  
Xin Zong, Jing Zhao, Hong Wang, Zeqing Lu, Fengqin Wang, Huahua Du, and Yizhen Wang

MOLECULAR AND STRUCTURAL IMMUNOLOGY

579 The mTORC1/4E-BP/eIF4E Axis Promotes Antibody Class Switching in B Lymphocytes  
Honyin Chiu, Leandra V. Jackson, Kwun Ik Oh, Annie Mai, Ze’ev A. Ronai, Davide Ruggero,  
and David A. Fruman

591 Extent of MHC Clustering Regulates Selectivity and Effectiveness of T Cell Responses  
Nadia Anikeeva, Nicholas O. Fischer, Craig D. Blanchette, and Yuri Sykulev

MUCOSAL IMMUNOLOGY

598 IL-33 Induces Murine Intestinal Goblet Cell Differentiation Indirectly via Innate Lymphoid  
Cell IL-13 Secretion  
Amanda Waddell, Jefferson E. Vallance, Amy Hummel, Theresa Alenghat, and Michael J. Rosen
Exploitation of Synthetic mRNA To Drive Immune Effector Cell Recruitment and Functional Reprogramming In Vivo

Yitian Xu, Lu Huang, Jonathan L. Kirschman, Daryll A. Vanover, Pooja M. Tiwari, Philip J. Santangelo, Xiling Shen, and David G. Russell

Measuring Antiviral Capacity of T Cell Responses to Adenovirus

Anna Keih, Ya-Fang Mei, Luka Cicin-Sain, Dirk H. Busch, and Kevin M. Dennehy

AUTHOR INDEX