This information is current as of August 4, 2021.

201 (1)

J Immunol 2018; 201:1-306; ;
http://www.jimmunol.org/content/201/1

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

*average

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

1 A New JI: The Home for All Immunology
Eugene M. Oltz

IN THIS ISSUE

3 TCR Affinity Landscapes during Acute and Chronic Infections See article p. 19
Role of CD8+ Follicular T Cells in Autoimmunity See article p. 31
Immune Complexes Boost Peptide Vaccines See article p. 87
Microbiota Sensing by TLR1 See article p. 230
Perinodal Adipose Tissue in Immune Protection See article p. 296

PILLARS OF IMMUNOLOGY

5 Where Have All the Flowers Gone?
Philippa Marrack

7 Pillars Article: T-Cell Apoptosis Detected In Situ during Positive and Negative Selection in the Thymus.
Charles D. Surh and Jonathan Sprent

BRIEF REVIEWS

11 Innate Nutritional Immunity
Gabriel Núñez, Kei Sakamoto, and Miguel P. Soares

ANTIGEN RECOGNITION AND RESPONSES

19 CD4 T Cell Affinity Diversity Is Equally Maintained during Acute and Chronic Infection
Rakieb Andargachew, Ryan J. Martinez, Elizabeth M. Kolawole, and Brian D. Evavold

AUTOIMMUNITY
31 CD8 Follicular T Cells Promote B Cell Antibody Class Switch in Autoimmune Disease
Kristen M. Valentine, Dan Daveini, Travis J. Lawrence, Genevieve N. Mullins, Miguel Manansala, Mufadhal Al-Kuhlani, James M. Pinney, Jason K. Davis, Anna E. Beaudin, Suzanne S. Sindi, David M. Gravano, and Katrina K. Hoyer

CLINICAL AND HUMAN IMMUNOLOGY
41 IVIg Promote Cross-Tolerance against Inflammatory Stimuli In Vitro and In Vivo
Ángeles Domínguez-Soto, Miriam Simón-Fuentes, Mateo de las Casas-Engel, Victor D. Cuevas, María López-Bravo, Jorge Domínguez-Andrés, Paula Saz-Leal, David Sancho, Carlos Ardavín, Juliana Ochoa-Grullón, Silvia Sánchez-Ramón, Miguel A. Vega, and Angel L. Corbi

IMMUNE REGULATION
53 Tick-Borne Encephalitis Virus Nonstructural Protein NS5 Induces RANTES Expression Dependent on the RNA-Dependent RNA Polymerase Activity
Zifeng Zheng, Jieyu Yang, Xuan Jiang, Yalan Liu, Xiaowei Zhang, Mei Li, Mudan Zhang, Ming Fu, Kai Hu, Hanzhong Wang, Min-Hua Luo, Peng Gong, and Qinxue Hu

IMMUNE SYSTEM DEVELOPMENT
69 Differential Roles of LTβR in Endothelial Cell Subsets for Lymph Node Organogenesis and Maturation
Zhongnan Wang, Qian Chai, and Mingzhao Zhu

IMMUNOTHERAPY AND VACCINES
77 Survival of Mice with Gastrointestinal Acute Radiation Syndrome through Control of Bacterial Translocation
Fujio Suzuki, Bradford D. Loucas, Ichika Ito, Akira Atai, Sumihiro Suzuki, and Makiko Kobayashi

INFECTION DISEASE AND HOST RESPONSE
113 HLA-F on HLA-Null 721.221 Cells Activates Primary NK Cells Expressing the Activating Killer Ig-like Receptor KIR3D31
Zahra Kiani, Franck P. Dupuy, Julie Bruneau, Bertrand Lebouché, Cindy X. Zhang, Elise Jackson, Irene Liowsky, Sandrina da Fonseca, Daniel E. Geraghty, and Nicole F. Bernard

INNATE IMMUNITY AND INFLAMMATION
145 MicroRNA-302 Cluster Downregulates Enterovirus 71–Induced Innate Immune Response by Targeting KPNA2
Nanfang Peng, Xuecheng Yang, Chengliang Zhu, Li Zhou, Haisheng Yu, Mengqi Li, Yong Lin, Xueyu Wang, Qian Li, Yinglong She, Jun Wang, Qian Zhao, Mengji Lu, Ying Zhu, and Shi Liu
Neuron-Specific HuR-Deficient Mice Spontaneously Develop Motor Neuron Disease
Kevin Sun, Xiao Li, Xing Chen, Ying Bai, Gao Zhou, Olga N. Kokiko-Cochran, Bruce Lamb, Thomas A. Hamilton, Ching-Yi Lin, Yu-Shang Lee, and Tomasz Herjan

IL-36α from Skin-Resident Cells Plays an Important Role in the Pathogenesis of Imiquimod-Induced Psoriasiform Dermatitis by Forming a Local Autoamplification Loop
Yuriko Hashiguchi, Rikio Yabe, Soo-Hyun Chung, Masanori A. Murayama, Kaori Yoshida, Kenzo Matsuo, Sachiko Kubo, Shinobu Saijo, Yuumi Nakamura, Hiroyuki Matue, and Yoichiro Iwakura

TRIM29 Negatively Regulates the Type I IFN Production in Response to RNA Virus
Junji Xing, Ao Zhang, Laurie J. Minze, Xian Chang Li, and Zhiqiang Zhang

Circadian Rhythms Influence the Severity of Sepsis in Mice via a TLR2-Dependent, Leukocyte-Intrinsic Mechanism
Erica L. Heipertz, Jourdan Harper, Charlie A. Lopez, Erol Fikrig, Michael E. Hughes, and Wendy E. Walker

MOLECULAR AND STRUCTURAL IMMUNOLOGY

MOUCOSAL IMMUNOLOGY

Expression of the Atypical Chemokine Receptor ACKR4 Identifies a Novel Population of Intestinal Submucosal Fibroblasts That Preferentially Expresses Endothelial Cell Regulators
Carolyn A. Thomson, Serge A. van de Patte, Michelle Stakenberg, Evelien Labeeuw, Gianluca Matteoli, Allan Mcl Mowat, and Robert J. B. Nibbs

Innate Recognition of the Microbiota by TLR1 Promotes Epithelial Homeostasis and Prevents Chronic Inflammation
Karishma Kamdar, Andrew M. F. Johnson, Denise Chac, Kalisa Myers, Vrishika Kulur, Kyle Truevillian, and R. William DePaolo

T Cell Proliferation and Colitis Are Initiated by Defined Intestinal Microbes
Pailin Chiaranunt, Justin T. Tometich, Junyi Ji, and Timothy W. Hand

SYSTEMS IMMUNOLOGY

Genome-Wide Posttranscriptional Dysregulation by MicroRNAs in Human Asthma as Revealed by Frac-seq
Rocio T. Martinez-Nunez, Hitasha Rupani, Manuela Platé, Mahesan Niranjan, Rachel C. Chambers, Peter H. Howarth, and Tilman Sanchez-Elsner

TUMOR IMMUNOLOGY

IFNAR1 Controls Autocrine Type I IFN Regulation of PD-L1 Expression in Myeloid-Derived Suppressor Cells
Wei Xiao, John D. Klement, Chunwan Lu, Mohammed L. Ibrahim, and Kebin Liu

Myeloid-Derived Suppressor Cells Impair B Cell Responses in Lung Cancer through IL-7 and STAT5
Yong Wang, Cara C. Schafer, Kenneth P. Hough, Sultan Tousif, Steven R. Duncan, John F. Kearney, Selvarangan Ponnazhagan, Hui-Chen Hsu, and Jessy S. Deshane

NOVEL IMMUNOLOGICAL METHODS

Perinodal Adipose Tissue Participates in Immune Protection through a Lymphatic Vessel–Independent Route
Yujia Lin, Glory Leung, Dante Louie, Ania Bogoslowski, James Rou, Paul Kubos, Pierre-Yves von der Weid, and Shan Liao
CORRECTIONS

306  Correction: NK Cells Influence Both Innate and Adaptive Immune Responses after Mucosal Immunization with Antigen and Mucosal Adjuvant
      Lindsay J. Hall, Simon Clare, and Gordon Dougan

307  AUTHOR INDEX

309  INFORMATION FOR AUTHORS