This information is current as of April 28, 2017.
IN THIS ISSUE

PILLARS OF IMMUNOLOGY

3783 Staying Alive: T Cell Costimulation, CD28, and Bcl-xL
Tania H. Watts

3788 Pillars Article: CD28 Costimulation Can Promote T Cell Survival by Enhancing the Expression of Bcl-xL.
Lawrence H. Boise, Andy J. Minn, Patricia J. Noel, Carl H. June, Mary Ann Accavitti, Tullia Lindsten, and Craig B. Thompson

BRIEF REVIEWS

3801 Antigen Receptor Allelic Exclusion: An Update and Reappraisal
Brenna L. Brady, Natalie C. Steinle, and Craig H. Bassing

CUTTING EDGE

3809 Cutting Edge: MHC Class II Expression by Pulmonary Nonhematopoietic Cells Plays a Critical Role in Controlling Local Inflammatory Responses
Daniel Kreisel, Steven B. Richardson, Wenjun Li, Xue Lin, Christopher G. Kornfeld, Seiichiro Sugimoto, Chyi-Song Hsieh, Andrew E. Gelman, and Alexander S. Krupnick

3814 Cutting Edge: Increased IL-17–Secreting T Cells in Children with New-Onset Type 1 Diabetes
Ashish K. Marwaha, Sarah Q. Crome, Constadina Panagiotopoulou, Kyras B. Berg, Huilian Qin, Qin Ouaying, Lixin Xu, John J. Priatel, Megan K. Levinis, and Rusung Tan

3819 Cutting Edge: Hematopoietic-Derived APCs Select Regulatory T Cells in Thymus
Eulogia Román, Hanabuchi Shino, F. Xiao-Feng Qin, and Yong Jun Liu

3824 Cutting Edge: Expression of the Transcription Factor E74-Like Factor 4 Is Regulated by the Mammalian Target of Rapamycin Pathway in CD8⁺ T Cells
Takeshi Yamada, Kirsten Gierach, Ping-Hsien Lee, Xiaohong Wang, and H. Daniel Lacorazza

On the cover: C1q is a complement component synthesized by cytotrophoblasts in the maternal decidua at the site of embryo implantation. The cells acquire this property while they invade the decidua from anchoring fetal villi. The figure shows decidual trophoblasts stained for cytokeratin, a marker of these cells, in magenta and C1q in brown. Agostinis, C., R. Bulla, C. Tripodo, A. Gismondi, H. Stabile, F. Bossi, C. Guarnotta, C. Garlanda, F. De Seta, P. Spessotto, A. Santoni, B. Ghebrehiwet, G. Girardi, and F. Tedesco. 2010. An alternative role of C1q in cell migration and tissue remodeling: contribution to trophoblast invasion and placentation development. J. Immunol. 185: 4420–4429.
Cutting Edge: Intrathymic Differentiation of Adaptive Foxp3+ Regulatory T Cells upon Peripheral Proinflammatory Immunization
Santiago Zelenay, Marie-Louise Bergman, Ricardo Sousa Paisa, Andreia C. Lino, Ana C. Martins, João H. Duarte, Maria F. Moraes-Fontes, Angelina M. Bilate, Juan J. Lafaille, and Jocelyne Demengeot

CELLULAR IMMUNOLOGY AND IMMUNE REGULATION

Distinct Requirements of MicroRNAs in NK Cell Activation, Survival, and Function
Natalie A. Bezman, Elizabeth Cedars, David F. Steiner, Robert Blelloch, David G. T. Heslein, and Lewis L. Lanier

Cell Surface Heparan Sulfate Proteoglycans Influence MHC Class II-Restricted Antigen Presentation
Michel Leonetti, Adeline Gadsdziuk, and Gervaise Moine

Suppression of Th2-Driven Airway Inflammation by Allergen Immunotherapy Is Independent of B Cell and Ig Responses in Mice

A Crucial Role for Host APCs in the Induction of Donor CD4+CD25+ Regulatory T Cell-Mediated Suppression of Experimental Graft-versus-Host Disease
Isao Tawara, Warren D. Shlomchik, Angela Jones, Weiping Zou, Evelyn Nieves, Chen Liu, Tomomu Toubai, Raimon Duran-Struack, Yaping Sun, Shawn G. Clouthier, Rebecca Evers, Kathleen P. Lowler, Robert B. Levy, and Pavan Reddy

Prolactin-Induced Production of Reactive Oxygen Species and IL-1β in Leukocytes from the Bony Fish Gilthead Seabream Involves Jak/Stat and NF-κB Signaling Pathways
Victor H. Olavarria, Maria P. Sepulcre, Jaime E. Figueroa, and Victoriano Mulero

Surfactant Protein-A Inhibits Mycoplasma-Induced Dendritic Cell Maturation through Regulation of HMGB-1 Cytokine Activity
Julie G. Ledford, Bernice Lo, Michele M. Kislan, Joseph M. Thomas, Katherine Evans, Derek W. Cain, Monica Kraft, Kristi L. Williams, and Jo Rae Wright

Discrete TCR Repertoires and CDR3 Features Distinguish Effector and Foxp3+ Regulatory T Lymphocytes in Myelin Oligodendrocyte Glycoprotein-Induced Experimental Encephalomyelitis
Phuong Nguyen, Wei Liu, Jing Ma, Jean N. Manirarora, Xin Liu, Cheng Cheng, and Terrence L. Geiger

A Notch Ligand, Delta-Like 1 Functions As an Adhesion Molecule for Mast Cells
Akihiko Murata, Kazuki Okuyama, Seiji Sakano, Masahiro Kaiji, Tomohisa Hirata, Hideo Yagita, Juan Carlos Zúñiga-Pflücker, Kenseki Miyake, Sachiko Akashi-Takamura, Sawako Morisaki, Shumpei Niida, Miya Yoshino, and Shin-Ichi Hayashi

Immature NK Cells, Capable of Producing IL-22, Are Present in Human Uterine Mucosa
Victoria Male, Tiffany Hughes, Susan McClory, Francesco Colucci, Michael A. Caligiuri, and Ashley Moffett

A Versatile Role of Mammalian Target of Rapamycin in Human Dendritic Cell Function and Differentiation

Innate Immune Proteins C1q and Mannan-Binding Lectin Enhance Clearance of Atherogenic Lipoproteins by Human Monocytes and Macrophages
Deborah A. Fraser and Andrea J. Tenner

TCR Repertoire, Clonal Dominance, and Pulmonary Trafficking of Mycobacterium-Specific CD4+ and CD8+ T Effector Cells in Immunity Against Tuberculosis
George Du, Crystal Y. Chen, Yun Shen, Liyou Qiu, Dan Huang, Richard Wang, and Zheng W. Chen

HIV-1 Nef Disrupts Maturation of CD4+ T Cells through CD4/Lck Modulation
Pavel Chrobak, Marie-Chantal Simard, Nathalie Bouchard, Thomas Mutushi Ndolo, Joël Guertin, Zaher Hanna, Vibhuti Dave, and Paul Jolicoeur
p300-Mediated Acetylation Stabilizes the Th-Inducing POK Factor
Min Zhang, Jiali Zhang, Jinxiu Rui, and Xiaolong Liu

B7h Triggering Inhibits Umbilical Vascular Endothelial Cell Adhesiveness to Tumor Cell Lines and Polymorphonuclear Cells
Chiara Dianzani, Ronatha Minelli, Riccardo Musturini, Annalisa Chiocchetti, Giuseppina Barrera, Sabrina Boccolo, Chiara Sarasso, Casimiro Luca Gigliotti, Daniele Sblattero, Junji Yagi, José Maria Rojo, Roberto Fantozzi, and Umberto Dianzani

Vitamin D₃ Upregulated Protein 1 Suppresses TNF-α–Induced NF-κB Activation in Hepatocarcinogenesis
Hyo-Jung Kwon, Young-Suk Won, Hyun-Woo Shub, Jun-Ho Jeon, Yan Shao, Suk-Ran Yoon, Jin-Woong Chung, Tae-Don Kim, Hwan-Mook Kim, Ki-Hoan Nam, Woon-Kee Yoon, Dae-Ghon Kim, Jeong-Hwan Kim, Young-Sung Kim, Dae-Yong Kim, Hyung-Chin Kim, and Inpyo Choi

Late B Cell Depletion with a Human Anti-Human CD20 IgG1 Monoclonal Antibody Halts the Development of Experimental Autoimmune Encephalomyelitis in Marmosets
Yolanda S. Kap, Nikki van Driel, Erwin Blezer, Paul W. H. I. Parren, Wim K. Bleeker, Jon D. Laman, Jenny L. Craigen, and Bert A. ‘t Hart

Th17 Cells Contribute to Viral Replication in Coxsackievirus B3-Induced Acute Viral Myocarditis
Jing Yuan, Miao Yu, Qiong-Wen Lin, Ai-Lin Cao, Xian Yu, Ji-Hua Dong, Jin-Ping Wang, Jincheng Zhang, Min Wang, He-Ping Guo, Xiang Cheng, and Yu-Hua Liao

Unique Requirements for Reactivation of Virus-Specific Memory B Lymphocytes
Florian J. Weisel, Uwe K. Appelt, Andrea M. Schneider, Jasmin U. Hovhitz, Nico van Rooijen, Heinrich Korner, Michael Mach, and Thomas H. Winkler

Immunomodulation of Delayed-Type Hypersensitivity Responses by Mesenchymal Stem Cells Is Associated with Bystander T Cell Apoptosis in the Draining Lymph Node
Jong-Hyun Lim, Jung-Sik Kim, Il-Hee Yoon, Jun-Seop Shin, Hye-Young Nam, Seung-Ha Yang, Sang-Joon Kim, and Chung-Gyu Park

Impaired Phagocytosis of Apoptotic Cells by Macrophages in Chronic Granulomatous Disease Is Reversed by IFN-γ in a Nitric Oxide-Dependent Manner
Ruby Fernandez-Boyanapalli, Kathleen A. McPhillips, S. Courtney Frasch, William J. Janssen, Mary C. Dinauer, David W. H. Riche, Peter M. Henson, Aiden Byrne, and Donna L. Bratton

Phosphoinositide 3-Kinase Activity in T Cells Regulates the Magnitude of the Germinal Center Reaction
Julia Rolf, Sarah E. Bell, Dorothy Kvozdi, Michelle L. Janas, Dalja R. Snoed, Louise M. C. Webb, Sara Santinelli, Ted Saunders, Barbara Hebeis, Nigel Killeen, Klaus Okkenhaug, and Martin Turner

Latent Membrane Protein 1, the EBV-Encoded Oncogenic Mimic of CD40, Accelerates Autoimmunity in B6.Sle1 Mice
Anna L. Peters, Laura L. Stunz, David K. Meyerholz, Chandra Mohan, and Gail A. Bishop

Induction of Th17 Cells in the Tumor Microenvironment Improves Survival in a Murine Model of Pancreatic Cancer

The Origin and Maturity of Dendritic Cells Determine the Pattern of Sphingosine 1-Phosphate Receptors Expressed and Required for Efficient Migration
Anchana Rathinasamy, Niklas Czeloth, Oliver Pabst, Reinhold Föster, and Günter Bernhardt

Identification of Two IgD⁺ B Cell Populations in Channel Catfish, *Ictalurus punctatus*
Eva-Stina Edholm, Eva Bengtén, James L. Stafford, Manoranjan Sahoo, Erin B. Taylor, Norman W. Miller, and Melanie Wilson
Neutralization of IL-9 Ameliorates Experimental Autoimmune Encephalomyelitis by Decreasing the Effector T Cell Population
Hongmei Li, Bardia Nourbaksh, Bogoljub Ciric, Guang-Xian Zhang, and Abdolmohamad Rostami

Central Nervous System Demyelinating Disease Protection by the Human Commensal Bacteroides fragilis Depends on Polysaccharide A Expression
Javier Ochoa-Repáraz, Daniel W. Mielcarz, Lauren E. Ditrio, Ashley R. Burroughs, Sakhina Begum-Haque, Suryasarathi Dasgupta, Dennis L. Kasper, and Lloyd H. Kasper

Context-Dependent Regulation of Hematopoietic Lineage Choice by HEBAlt
Duncheng Wang, Carol L. Claus, Paula Rajhumar, Marisela Braunstein, Amanda J. Moore, Mikael Sigvardson, and Michele K. Anderson

Inhibition of NF-κB Signaling in Human Dendritic Cells by the Enteropathogenic Escherichia coli Effector Protein NleE
Anna Vossenkämper, Olivier Marches, Peter D. Fairclough, Gary Warnes, Andrew J. Stagg, James O. Lindsay, Paul C. Evans, Le A. Luong, Nicholas M. Croft, Sandhia Naik, Gad Frankel, and Thomas T. MacDonald

Regulation of the B Cell Receptor Repertoire and Self-Reactivity by BAFF
Miyo Ota, Bao H. Duong, Ali Torkamani, Colleen M. Doyle, Anamanda L. Gavin, Takayuki Ota, and David Nemazee

Inefficient Lymph Node Sensitization during Respiratory Viral Infection Promotes IL-17–Mediated Lung Pathology
Lara E. Kallal, Adam J. Hartigan, Cory M. Hogaboam, Matthew A. Schaller, and Nicholas W. Lukacs

IL-1β–Mediated Signals Preferentially Drive Conversion of Regulatory T Cells but Not Conventional T Cells into IL-17–Producing Cells
Lequn Li, Jin Kim, and Vassiliki A. Boussiotis

Molecular and Structural Immunology

Shedding of Large Functionally Active CD11/CD18 Integrin Complexes from Leukocyte Membranes during Synovial Inflammation Distinguishes Three Types of Arthritis through Differential Epitope Exposure
Louise Carstensen Gjelstrup, Thomas Boesen, Tue Wenzel Kragstrup, Annette Jørgensen, Nigel J. Klein, Steffen Thiel, Bent Winding Deleuran, and Thomas Vorup-Jensen

Selective Inhibition of the Lectin Pathway of Complement with Phage Display Selected Peptides against Mannose-Binding Lectin-Associated Serine Protease (MASP)-1 and -2: Significant Contribution of MASP-1 to Lectin Pathway Activation
Andrea Kocsis, Katalin A. Kekesi, Robert Szasz, Barbara M. Vegh, Júlia Balczer, József Dobó, Péter Závodszy, Péter Gál, and Gábor Pál

Free Ig Light Chains Interact with Sphingomyelin and Are Found on the Surface of Myeloma Plasma Cells in an Aggregated Form
Andrew T. Hutchinson, Paul A. Ramsland, Darren R. Jones, Mark Agostino, Maria E. Lund, Cameron V. Jennings, Vanessa Bockhorni, Elizabeth Yuriev, Allen B. Edmundson, and Robert L. Raison

Divergent Motifs but Overlapping Binding Repertoires of Six HLA-DQ Molecules Frequently Expressed in the Worldwide Human Population
John Sidney, Amiyah Steen, Carrie Moore, Sandy Ngo, Jolan Chung, Bjoern Peters, and Alessandro Sette

A Protein’s Conformational Stability Is an Immunologically Dominant Factor: Evidence That Free-Energy Barriers for Protein Unfolding Limit the Immunogenicity of Foreign Proteins
Takatoshi Obkuri, Satoko Nagatomo, Kenji Oda, Takanori So, Taiji Imoto, and Tadashi Ueda

T Cell-Induced Mast Cell Activation: A Role for Microparticles Released from Activated T Cells
Irit Sheller, Pazit Salamon, Tamar Reshef, Adam Mor, and Yoseph A. Mekori

Complement C3a, CpG Oligos, and DNA/C3a Complex Stimulate IFN-α Production in a Receptor for Advanced Glycation End Product-Dependent Manner
Benfang Helen Ruan, Xin Li, Aaron R. Winkler, Kristina M. Cunningham, Jun Kuai, Rita M. Greco, Karl H. Nocka, Lori J. Fitz, Jill F. Wright, Debra D. Pittman, Xiang-Yang Tan, Janet E. Paulsen, Lib Ling Lin, and David G. Winkler
IMMUNOGENETICS

4223 IRAK-M Removal Counteracts Dendritic Cell Vaccine Deficits in Migration and Longevity
Meghan E. Turnis, Xiao-Tong Song, Adham Bear, Aaron E. Foster, Stephen Gustichalk, Malcolm K. Brenner, Si-Yi Chen, and Cliona M. Rooney

4233 Humans Differ from Other Hominids in Lacking an Activating NK Cell Receptor That Recognizes the C1 Epitope of MHC Class I
Achim K. Moesta, Thorsten Graef, Laurent Abi-Rached, Anastazia M. Older Aguilar, Lisbeth A. Guethlein, and Peter Parham

4238 Coevolution of Killer Cell Ig-Like Receptors with HLA-C To Become the Major Variable Regulators of Human NK Cells
Anastazia M. Older Aguilar, Lisbeth A. Guethlein, Erin J. Adams, Laurent Abi-Rached, Achim K. Moesta, and Peter Parham

4252 GATA2 and Sp1 Positively Regulate the c-kit Promoter in Mast Cells
Keiko Maeda, Chiharu Nishiyama, Hideoki Ogawa, and Ko Okumura

HOST DEFENSE

4261 Viral Inhibitory Peptide of TLR4, a Peptide Derived from Vaccinia Protein A46, Specifically Inhibits TLR4 by Directly Targeting MyD88 Adaptor-Like and TRIF-Related Adaptor Molecule
Tatyana Lyakova-Devine, Brian Keog, Barry Harrington, Kamalpreet Nagpal, Annett Halle, Douglas T. Golenbock, Tom Monie, and Andrew G. Bowie

4272 TLR4 and TLR5 on Corneal Macrophages Regulate Pseudomonas aeruginosa Keratitis by Signaling through MyD88-Dependent and -Independent Pathways
Yan Sun, Mausita Karmakar, Sanbita Roy, Raniyah T. Ramadan, Susan R. Williams, Scott Howell, Carey L. Shive, Yiping Han, Charles M. Stopford, Arne Rietzsch, and Eric Pearlman

4284 Pandemic H1N1 Influenza A Viruses Are Resistant to the Antiviral Activities of Innate Immune Proteins of the Collectin and Pentraxin Superfamilies
Emma R. Job, Yi-Mo Deng, Michelle D. Tate, Barbara Bottazzi, Erika C. Crouch, Melinda M. Dean, Alberto Mantovani, Andrew G. Brooks, and Patrick C. Reading

4292 Limited Role for Lymphotoxin a in the Host Immune Response to Mycobacterium tuberculosis
Nasiema Allie, Roanne Keeton, Nathalie Court, Brian Abel, Lizette Fick, Virginie Vasseur, Rachel Vacher, Maria L. Olleros, Marina S. Drusyka, Rete Guler, Sergei A. Nedospasov, Irene Garcia, Bernhard Ryeffel, Valerie F. J. Queinieux, and Muazzaam Jacobs

4302 The Agonists of Formyl Peptide Receptors Prevent Development of Severe Sepsis after Microbial Infection
Sang Doo Kim, Yoon-Keun Kim, Ha Young Lee, You-Sun Kim, Seong Gyu Jeon, Suk-Hwan Baek, Dong-Keun Song, Sung Ho Ryu, and Yoe-Sik Bae

4311 Inhibition of Hepatitis C Virus Replication by IFN-Mediated ISGylation of HCV-NS5A
Min-Jung Kim and Joo-Youn Yoo

4319 Leishmania donovani Promastigotes Evade the Antimicrobial Activity of Neutrophil Extracellular Traps
Christelle Gabriel, W. Robert McMaster, Denis Girard, and Albert Desourbes

4328 The Class A Scavenger Receptor, Macrophage Receptor with Collagenous Structure, Is the Major Phagocytic Receptor for Clostridium sordelli Expressed by Human Decidual Macrophages
Tennille Thelen, Yibai Hao, Alexandra I. Medeiros, Jeffrey L. Curtis, Carlos H. Serezani, Lester Kobzik, Lisa H. Harris, and David M. Aronoff

4336 Secreted Immunodominant Mycobacterium tuberculosis Antigens Are Processed by the Cytosolic Pathway
Jeff E. Grotzke, Anne C. Siler, Deborah A. Lewinsohn, and David M. Lewinsohn

4344 Factor H Facilitates Adherence of Neisseria gonorrhoeae to Complement Receptor 3 on Eukaryotic Cells
Sarika Agarwal, Sanjay Ram, Jutamas Ngampasutadol, Sunita Gulati, Peter F. Zipfel, and Peter A. Rice
INFLAMMATION

4354 IL-1RL2 and Its Ligands Contribute to the Cytokine Network in Psoriasis
Hal Blumberg, Huyen Dinh, Charles Dean, Jr., Esther S. Trueblood, Keith Bailey, Donna Shows, Narasimharao Bhagavathula, Muhammad Nadeem Adam, James Varani, Jennifer E. Toune, and John E. Sims

4363 Notch1 Deficiency Results in Decreased Inflammation during Wound Healing and Regulates Vascular Endothelial Growth Factor Receptor-1 and Inflammatory Cytokine Expression in Macrophages
Hasina Hamilton Ottuz, June K. Wu, Xing Wang, and Jan Kitajewski

4374 Adenosine Receptor A1 Modulates Polymorphonuclear Cell Trafficking and Microvascular Permeability in Lipopolysaccharide-Induced Lung Injury
Kristian-Christos Ngamri, Rosalyn Wagner, Irene Vollmer, Stefanie Stark, and Jörg Reutershan

4385 Inflammasome-Dependent Release of the Alarmin HMGB1 in Endotoxemia
Mohamed Lamkanfi, Anasuya Sarkar, Lieselotte Van de Walle, Alberto C. Vitari, Anil O. Amer, Mark D. Wewers, Kevin J. Tracey, Thirumala-Devi Kanneganti, and Vishva M. Dixit

4393 B Cell Subsets Contribute to Renal Injury and Renal Protection after Ischemia/Reperfusion
Brandon Renner, Derek Strasheim, Claudia R. Amura, Liudmila Kulik, Danica Ljubanovic, Magdalena J. Glogowska, Kazue Takahashi, Michael C. Carroll, V. Michael Holers, and Joshua M. Thurman

4401 IL-27/IFN-γ Induce MyD88-Dependent Steroid-Resistant Airway Hyperresponsiveness by Inhibiting Glucocorticoid Signaling in Macrophages
Jing Jing Li, Wan Wang, Katherine J. Baines, Nikola A. Bowden, Philip M. Hansbro, Peter G. Gibson, Rakesh K. Kumar, Paul S. Foster, and Ming Yang

4410 Conventional B2 B Cell Depletion Ameliorates whereas Its Adoptive Transfer Aggravates Atherosclerosis
Tin Kyaw, Christopher Tay, Abdul Khan, Vanessa Dumouchel, Aoh Cao, Kelly To, Merilyn Kehry, Robert Dunn, Alex Agrotis, Peter Tipping, Alex Bobik, and Ban-Hock Toh

4420 An Alternative Role of C1q in Cell Migration and Tissue Remodeling: Contribution to Trophoblast Invasion and Placental Development
Chiara Agostinis, Roberta Bula, Claudio Tripodo, Angela Gismondi, Helena Stabile, Fleur Bosi, Carla Guarnotta, Cecilia Garlanda, Francesco De Seta, Paola Spessotto, Angela Santoni, Berhane Ghebrehiwet, Guillermina Girardi, and Francesco Tedesco

4430 Group V Secretory Phospholipase A2 Reveals Its Role in House Dust Mite-Induced Allergic Pulmonary Inflammation by Regulation of Dendritic Cell Function
Giorgio Giannattasio, Daisuke Fujikota, Wei Xing, Howard R. Katz, Joshua A. Boyce, and Barbara Balestrieri

4439 NF-κB Links CO₂ Sensing to Innate Immunity and Inflammation in Mammalian Cells
Eoin P. Cummins, Kathryn M. Oliver, Colin R. Lenihan, Susan F. Fitzpatrick, Ulrike Bruning, Carsten C. Scholz, Craig Slattery, Martin O. Leonard, Paul McLaughlin, and Cormac T. Taylor

CLINICAL IMMUNOLOGY

4446 Gene Expression Profiles in a Rabbit Model of Systemic Lupus Erythematosus Autoantibody Production
Geeta Rai, Satyajit Ray, Jacqueline Milton, Jun Yang, Ping Ren, Richard Lempicki, and Roe G. Mage

4457 The Detrimental Effects of IFN-α on Vasculogenesis in Lupus Are Mediated by Repression of IL-1 Pathways: Potential Role in Atherogenesis and Renal Vascular Rarefaction
Seib G. Thacker, Celine C. Berthier, Deborah Mattiuzzoli, Maria Pia Rastaldi, Matthias Kretzler, and Mariana J. Kaplan

4470 Human Decidual Tissue Contains Differentiated CD8+ Effector-Memory T Cells with Unique Properties
Tamara Tilburg, Dorrith Schoenker, Michael Eikmans, Nicole M. Nagtszaam, Gert Datema, Godelieve M. Swings, Frans Prins, Jan M. van Lith, Barbara J. van der Mast, Dave L. Roelen, Sicco A. Scherjon, and Frans H. Claas

4478 Mechanisms Regulating Monocyte CXCL8 Secretion in Neurocysticercosis and the Effect of Antiparasitic Therapy
Lack of TNFR p55 Results in Heightened Expression of IFN-γ and IL-17 during the Development of Reactive Arthritis
Ricardo J. Eliçabe, Ethelina Cargnelutti, Marta I. Serer, Patricia W. Siege, Susana R. Valdez, Marta A. Toicano, Gabriel A. Rabinovich, and Maria S. Di Genaro

GB Virus Type C Envelope Protein E2 Elicits Antibodies That React with a Cellular Antigen on HIV-1 Particles and Neutralize Diverse HIV-1 Isolates
Emma L. Mohr, Jinhua Xiang, James H. McLinden, Thomas M. Kaufman, Qing Chang, David C. Montefiori, Donna Klinzman, and Jack T. Stapleton

CORRECTIONS

Correction: GPR17 Regulates Immune Pulmonary Inflammation Induced by House Dust Mites
Akiko Maekawa, Wei Xing, K. Frank Austen, and Yoshihide Kanaoka

Correction: Polymorphic Variants of LIGHT (TNF Superfamily-14) Alter Receptor Avidity and Bioavailability
Timothy C. Cheung, Ken Coppetters, Hideki Sanjo, Lisa M. Oborne, Paula S. Norris, Amy Coddington, Steven W. Granger, Dirk Elewaut, and Carl F. Ware

Correction: Monocyte Trafficking to Hepatic Sites of Bacterial Infection Is Chemokine Independent and Directed by Focal Intercellular Adhesion Molecule-1 Expression
Chao Shi, Peter Velázquez, Tobias M. Hohl, Ingrid Leiner, Michael L. Dustin, and Eric G. Pamer

Correction: Loss of Naive T Cells and Repertoire Constriction Predict Poor Response to Vaccination in Old Primates
Luka Ćičin-Sain, Sue Smyk-Paerson, Noreen Carrier, Laura Byrd, Caroline Koudelka, Tammie Robinson, Gwendolyn Swarbrick, Shane Tackitt, Alfred Legasse, Miranda Fischer, Dragana Nikolich-Zugich, Byung Park, Theodore Hobbs, Cynthia J. Doane, Motomi Mori, Michael T. Axthelm, Deborah A. Lewinsohn, and Janko Nikolich-Zugich

AUTHOR INDEX