IN THIS ISSUE

LETTERS TO THE EDITOR

1885 Comment on “Therapeutic Targeting of Syk in Autoimmune Diabetes”
Shailendra Kapoor

1885 Response to Comment on “Therapeutic Targeting of Syk in Autoimmune Diabetes”
Lucrezia Colonna and Raphael Clynes

TRANSLATING IMMUNOLOGY

1887 Glatiramer Acetate Treatment of Multiple Sclerosis: An Immunological Perspective
Michael K. Racke and Amy E. Lovett-Racke

BRIEF REVIEWS

1891 NK Cells and Immune “Memory”
Joseph C. Sun, Sandra Lopez-Verges, Charles C. Kim, Joseph L. DeRisi, and Lewis L. Lanier

CUTTING EDGE

1899 Cutting Edge: The Murine High-Affinity IgG Receptor FcγRIV Is Sufficient for Autoantibody-Induced Arthritis
David A. Mancardi, Friederike Jönsson, Bruno Iannacoli, Huot Khun, Nico Van Rooijen, Michel Huerre, Marc Daëron, and Pierre Brubns

2004 Cutting Edge: Selective Role of Ubiquitin in MHC Class I Antigen Presentation
Lan Huang, Julie M. Marvin, Nia Tatsis, and Laurence C. Eisenlohr

2009 Cutting Edge: Coding Single Nucleotide Polymorphisms of Endoplasmic Reticulum Aminopeptidase 1 Can Affect Antigenic Peptide Generation In Vitro by Influencing Basic Enzymatic Properties of the Enzyme
Irvini Evmouchidou, Ram P. Kamal, Sergey S. Seregin, Yoshikuni Goto, Masafumi Tsujimoto, Akira Hattori, Paraskevi V. Voulgari, Alexandros A. Drosos, Andrea Amalfitano, Ian A. York, and Efstratios Stratikos

On the cover: This correlation of coefficients plot compares the CD11c 
1915 In Vivo Administration of the Recombinant IL-7/Hepatocyte Growth Factor β Hybrid Cytokine Efficiently Restores Thymopoiesis and Naive T Cell Generation in Lethally Irradiated Mice after Syngeneic Bone Marrow Transplantation
Jingjun Jin, Irving Goldschneider, and Laijun Lai

1923 The Src-Like Adaptor Protein Regulates GM-CSFR Signaling and Monocytic Dendritic Cell Maturation

1934 Expression of Retinaldehyde Dehydrogenase Enzymes in Mucosal Dendritic Cells and Gut-Draining Lymph Node Stromal Cells Is Controlled by Dietary Vitamin A
Roosje Molemaar, Marlene Knippenberg, Gera Govers, Brenda J. Olivier, Alex F. de Vos, Tom O’Toole, and Reina E. Mebius

1943 Apurinic/Apyrimidinic Endonuclease 2 Is Necessary for Normal B Cell Development and Recovery of Lymphoid Progenitors after Chemotherapeutic Challenge
Jeroen E. J. Guikema, Rachel M. Gerstein, Erin K. Linehan, Erin K. Cloherty, Eric Evan-Browning, Daisuke Tsuchimoto, Yuaku Nakabeppe, and Carol E. Schneider

1951 Critical Role of IRF-8 in Negative Regulation of TLR3 Expression by Src Homology 2 Domain-Containing Protein Tyrosine Phosphatase-2 Activity in Human Myeloid Dendritic Cells
Alessandra Fragale, Emilia Stellacci, Ramona Ilari, Anna Lisa Remoli, Angela Lanciotti, Edvige Perrotti, Iart Shytaj, Roberto Orsatti, Harshani R. Lawrence, Nicholas J. Lawrence, Jerry Wu, Michael Rehli, Keiko Ozato, and Angela Battistini

1963 TLR1/TLR2 Agonist Induces Tumor Regression by Reciprocal Modulation of Effector and Regulatory T Cells
Yi Zhang, Feifei Luo, Yuchan Cai, Nan Liu, Luman Wang, Damo Xu, and Yiwei Chu

1970 DAP12 Promotes IRAK-M Expression and IL-10 Production by Liver Myeloid Dendritic Cells and Restrains Their T Cell Allostimulatory Ability
Tina L. Sumpter, Vignesh Packiam, Heath R. Turnquist, Antonino Castellaneta, Osamu Yoshida, and Angus W. Thomson

1981 Elevated IL-7 Availability Does Not Account for T Cell Proliferation in Moderate Lymphopenia
Lisa Colleen Osborne, Daniel Timothy Patton, Jung Hee Seo, and Ninan Abraham

1989 NF-κB1 Inhibits TLR-Induced IFN-β Production in Macrophages through TPL-2–Dependent ERK Activation
Huei-Ting Yang, Yanyan Wang, Xixing Zhao, Esana Demisie, Stamatia Papoutsopoulou, Agnes Mambole, Anne O’Garra, Michal F. Tomczak, Susan E. Erdman, James G. Fox, Steven C. Ley, and Bruce H. Horwitz

1997 Regulatory T Cell Properties of Chicken CD4+CD25+ Cells
Revathi Shanmugasundaram and Ramesh K. Selvaraj

2003 Involvement of CD56bright/CD11c+ Cells in IL-18–Mediated Expansion of Human γδ T Cells
Junko Tsuda, Wen Li, Hiromichi Yamanishi, Hideyuki Yamamoto, Akiko Okuda, Shuji Kubo, Zhifeng Ma, Nobuyuki Terada, Yoshimasa Tanaka, and Haruki Okamura

2013 Mice Lacking Ly49E Show Normal NK Cell Development and Provide Evidence for Probabilistic Expression of Ly49E in NK Cells and T Cells

2024 Visualizing the Role of Cbl-b in Control of Islet-Reactive CD4 T Cells and Susceptibility to Type 1 Diabetes
Gerard F. Hoyne, Eleanor Fleming, Mehmet Yabas, Charis Teh, John A. Altin, Katrina Randall, Christine B. F. Thien, Wallace Y. Langdon, and Christopher C. Goodnow

2033 Limiting the Amount and Duration of Antigen Exposure during Priming Increases Memory T Cell Requirement for Costimulation during Recall
Tamara L. Floyd, Brent H. Kaehn, William H. Kitchens, Jennifer M. Robertson, Jennifer A. Cheeseman, Linda Stempora, Christian P. Larsen, and Mandy L. Ford
2042 The Evolution and Regulation of the Mucosal Immune Complexity in the Basal Chordate Amphioxus  
Shengfeng Huang, Xin Wang, Qingyu Yan, Lei Guo, Shaochun Yuan, Guangrui Huang, Huiqing Huang, Jun Li,  
Meiling Dong, Shangwu Chen, and Anlong Xu

2056 Evolution of the Antigen-Specific CD8+ TCR Repertoire across the Life Span: Evidence for Clonal  
Homogenization of the Old TCR Repertoire  
Brian D. Rudd, Vanessa Venturi, Miles P. Davenport, and Janko Nikolich-Zugich

2065 Distinct Pathways Generate Peptides from Defective Ribosomal Products for CD8+ T Cell  
Immunosurveillance  
Brian P. Dolan, Lily Li, Charles A. Veltri, Chris M. Ireland, Jack R. Bennink, and Jonathan W. Yewdell

2073 Invertebrate Hematopoiesis: An Astakine-Dependent Novel Hematopoietic Factor  
Xionghui Lin, Kenneth Söderhäll, and Irene Söderhäll

2080 Presentation of Soluble Antigens to CD8+ T Cells by CpG Oligodeoxynucleotide-Primed Human Naïve  
B Cells  
Wei Jiang, Michael M. Lederman, Clifford V. Harding, and Scott F. Sieg

2087 HCV Peptide (C5A), an Amphipathic α-Helical Peptide of Hepatitis Virus C, Is an Activator of N-Formyl  
Peptide Receptor in Human Phagocytes  
Qing Lin, Dan Fang, Xinwei Hou, Yingying Le, Jiazhu Fang, Feng Wen, Wanghua Gong, Keqiang Chen, Ji Ming Wang,  
and Shao Bo Su

2095 Bronchial Epithelial Cell-Derived Prostaglandin E2 Dampens the Reactivity of Dendritic Cells  
Lotte M. Schmidt, Maria G. Belevisi, Konrad A. Bode, Judith Bauer, Claudia Schmidt, Maria-Theresa Suchy,  
Dimitrios Tiskas, Justa Schwerer, Felix Lastuscha, Herman-Josef Grüne, and Alexander H. Delpke

2106 CD4 and CD8 T Cell Immune Activation during Chronic HIV Infection: Roles of Homeostasis, HIV,  
Type I IFN, and IL-7  
Marta Catalfamo, Christopher Wilhelm, Lueng Tcheung, Michael Proshans, Travis Friessen, Jung-Hyun Park,  
Joseph Adelsberger, Michael Baseler, Frank Maldarelli, Richard Davey, Greg Raby, Catherine Rehm, and Clifford Lane

2117 Hapten Application to the Skin Induces an Inflammatory Program Directing Hapten-Primed Effector CD8  
T Cell Interaction with Hapten-Presenting Endothelial Cells  
Danielle D. Kish, Nina Volokh, William M. Baldwin, III, and Robert L. Fairchild

2127 Selenoprotein K Knockout Mice Exhibit Deficient Calcium Flux in Immune Cells and Impaired Immune  
Responses  
Saguna Verma, FuKun W. Hoffmann, Mukesh Kumar, Zhi Huang, Kelsey Roe, Elizabeth Nguyen-Wu, Ann S. Hashimoto,  
and Peter R. Hoffmann

2138 Essential Role of E3 Ubiquitin Ligase Activity in Cbl-b–Regulated T Cell Functions  
Magdalena Paolino, Christine B. F. Thien, Thomas Greber, Reinhard Hinterleitner, Gottfried Baier, Wallace Y. Langdon,  
and Josef M. Penninger

2148 Presentation of Acquired Peptide-MHC Class II Ligands by CD4+ Regulatory T Cells or Helper Cells  
Differentially Regulates Antigen-Specific CD4+ T Cell Response  
Gang Zhou, Zhi-Chun Ding, Jie Fu, and Hyam I. Levitsky

2156 Rhesus Macaque Inhibitory and Activating KIR3D Interact with Mamu-A–Encoded Ligands  
Cornelia Rosner, Philip H. Kruse, Meike Hermes, Nicole Otto, and Lutz Walter

2164 Polypyrimidine Tract-Binding Protein Is Critical for the Turnover and Subcellular Distribution of CD40  
Ligand mRNA in CD4+ T Cells  
Rodrigo Mattu-Nicodemos, Stefano Vavassori, Moraima Castro-Fax, Anibal Valentin-Acevedo, Karnail Singh,  
Valentina Marcelli, and Lori R. Covey

2172 Marginal Zone B Cells Regulate Antigen Capture by Marginal Zone Macrophages  
2182 An Essential Role of STIM1, Orai1, and S100A8–A9 Proteins for Ca2+ Signaling and FcγR-Mediated Phagosomal Oxidative Activity
*Natacha Steinckwich, Véronique Schenten, Chantal Melchior, Sabrina Bréchard, and Eric J. Tschirhart*

2192 Dendritic Cell-Specific ICAM-3–Grabbing Nonintegrin Expression on M2-Polarized and Tumor-Associated Macrophages Is Macrophage-CSF Dependent and Enhanced by Tumor-Derived IL-6 and IL-10
*Angeles Dominguez-Soto, Elena Sierra-Filardi, Anaya Puig-Kröger, Blanca Pérez-Maceda, Fernando Gómez-Aguado, Marta Teresa Corcera, Paloma Sánchez-Mateos, and Ángel L. Corbi*

2201 A Role for Autophagic Protein Beclin 1 Early in Lymphocyte Development
*Ivica Arsov, Adeola Adebayo, Martina Kucerova-Levisohn, Joanna Haye, Margaret MacNeil, F. Nina Papavaisiou, Zhenyu Yue, and Benjamin D. Ortiz*

2210 Proper Regrafting of Ig-Like Transcript 2 after Trogocytosis Allows a Functional Cell–Cell Transfer of Sensitivity
*Kiave-Yune HoWangYin, Julien Caumartin, Benoit Favier, Marina Daouya, Layale Yaghi, Edgardo D. Carosella, and Joel LeMasnoud*

2219 Chemokine-Containing Exosomes Are Released from Heat-Stressed Tumor Cells via Lipid Raft-Dependent Pathway and Act as Efficient Tumor Vaccine
*Taoyong Chen, Jun Guo, Mingjin Yang, Xuhui Zhu, and Xuetao Cao*

2229 CSF-1–Dependent Red Pulp Macrophages Regulate CD4 T Cell Responses
*Daisuke Kurostaki, Shigyuki Kon, Kyeonghwa Bae, Koyu Ito, Yutaka Matsui, Yosuke Nakayama, Masashi Kanayama, Chiemi Kimura, Yoshinori Narita, Takashi Nishimura, Kazuya Iwabuchi, Matthias Mack, Nico van Rooijen, Shimon Sakaguchi, Toshimitsu Uede, and Junko Morimoto*

2238 Regulatory T Cells More Effectively Suppress Th1-Induced Airway Inflammation Compared with Th2
*Nina Dehzad, Tobias Bopp, Sebastian Reuter, Matthias Klein, Helen Martin, Alexander Ulges, Michael Stassen, Hansjörg Schild, Roland Buhl, Edgar Schmitt, and Christian Taube*

2245 Metabolic Stress Boosts Humoral Responses In Vivo Independently of Inflammasome and Inflammatory Reaction
*Fabienne Andris, Sébastien Denanglaire, Erika Baus, Anthony Rongvaux, Jonathan Steuve, Richard A. Flavell, and Oberdan Leo*

2254 Thymic Stromal Lymphopoietin Interferes with Airway Tolerance by Suppressing the Generation of Antigen-Specific Regulatory T Cells
*Lijying Lei, Yanlu Zhang, Weiguo Yao, Mark H. Kaplan, and Baohua Zhou*

2262 IL-3 Attenuates Collagen-Induced Arthritis by Modulating the Development of Foxp3+ Regulatory T Cells

2273 SLAP Deficiency Enhances Number and Function of Regulatory T Cells Preventing Chronic Autoimmune Arthritis in SKG Mice
*Lisa K. Peterson, Laura A. Shaw, Anthony Joetham, Shimon Sakaguchi, Erwin W. Gelfand, and Leonard L. Dragone*

**MOLECULAR AND STRUCTURAL IMMUNOLOGY**

2282 Basal and Antigen-Induced Exposure of the Proline-Rich Sequence in CD3e
*Javier de la Cruz, Travis Kruger, Christopher A. Parks, Robert L. Silge, Nicolai S. C. van Oers, Immanuel F. Luescher, Adam G. Schrum, and Diana Gil*

2291 Somatic Diversity in CDR3 Loops Allows Single V-Genes To Encode Innate Immunological Memories for Multiple Pathogens
*Christy A. Thomson, Ken Q. Little, Donald C. Reason, and John W. Schrader*

2299 Characterization of *Treg1* Induction by IFN-γ in Murine Macrophages
*Maria Serra, Sonia-Vanina Forcales, Selma Pereira-Lopes, Jorge Lloberas, and Antonio Celada*
Distinct Functions for the Glycans of Tapasin and Heavy Chains in the Assembly of MHC Class I Molecules
Syed Monem Rizvi, Natasha Del Cid, Lonnie Lybarger, and Malini Raghavan

A Single Nucleotide Polymorphism in NF-κB Inducing Kinase Is Associated with Mortality in Septic Shock
Simone A. Thair, Keith R. Walley, Taka-aki Nakada, Melissa K. McConkey, John H. Boyd, Hugh Willman, and James A. Russell

The IL1RN Promoter rs4251961 Correlates with IL-1 Receptor Antagonist Concentrations in Human Infection and Is Differentially Regulated by GATA-1
Enitan D. Carroll, Antony PAYTON, Deborah Payne, Fabio Miyajima, Mas Chaponda, Limangeni A. Mankhambo, Daniel L. Band, Elizabeth M. Molyneux, Helen Cox, Greg Jacobson, Daniel F. Carr, Malcolm E. Molyneux, James P. Stewart, John P. Quinn, C. Anthony Hart, and William E. Ollier

Mismatch Repair Proteins MSH2, MLH1, and EXO1 Are Important for Class-Switch Recombination Events Occurring in B Cells That Lack Nonhomologous End Joining
Jennifer Eccleston, Catherine Yan, Karen Yuan, Frederick W. Alt, and Erik Selig

Molecular and Functional Characterization of Mouse S5D-SRCRB: A New Group B Member of the Scavenger Receptor Cysteine-Rich Superfamily
Cristina Miró-Julíà, Sandra Roselló, Vanessa G. Martínez, Dorte R. Fink, Cristina Escoda-Ferran, Olga Padilla, Citlali Vázquez-Echeverría, Paula Espinal-Marín, Cristina Pujades, Angeles García-Pardo, Jordi Vila, Carles Serra-Pagés, Uffe Holmskov, José Yelamos, and Francisco Lozano

Enhanced and Sustained CD8+ T Cell Responses with an Adenoviral Vector-Based Hepatitis C Virus Vaccine Encoding NS3 Linked to the MHC Class II Chaperone Protein Invariant Chain
Marianne Mikkelsen, Peter Johannes Holst, Jens Bukh, Allan Randrup Thomsen, and Jan Pravsgaard Christensen

Absent Bactericidal Activity of Mouse Serum against Invasive African Nontyphoidal Salmonella Results from Impaired Complement Function but Not a Lack of Antibody

IL-33 and M2a Alveolar Macrophages Promote Lung Defense against the Atypical Fungal Pathogen Pneumocystis murina
Michael P. Nelson, Benjamin S. Christmann, Jessica L. Werner, Allison E. Metz, Jennifer L. Trevor, Clifford A. Lowell, and Chad Steele

Accelerated Dendritic Cell Differentiation from Migrating Ly6Clo Bone Marrow Monocytes in Early Dermal West Nile Virus Infection
Ariane M. Davison and Nicholas J. C. King

Pulmonary Surfactant Protein A Enhances Endolysosomal Trafficking in Alveolar Macrophages through Regulation of Rab7
Vicky Sender, Christina Moulakakis, and Cordula Stamme

The IκB Family Member Bcl-3 Coordinates the Pulmonary Defense against Klebsiella pneumoniae Infection
Frédéric Pène, Andrea Paun, Sören Ulrik Sønder, Nimisha Røkh, Honghan Wang, Estefania Claudio, and Ulrich Siebenlist

TLR3-Specific Double-Stranded RNA Oligonucleotide Adjuvants Induce Dendritic Cell Cross-Presentation, CTL Responses, and Antiviral Protection
Ivett Jelinek, Joshua N. Leonard, Graeme E. Price, Kevin N. Brown, Anna Meyer-Manlapat, Paul K. Goldsmith, Yan Wang, David Venzon, Suzanne L. Epstein, and David M. Segal
Suppressive Effect of Bacterial Polysaccharides on BAFF System Is Responsible for Their Poor Immunogenicity
Sunita Kanswal, Nora Katsenelson, Windy Allman, Kadriye Uslu, Milan S. Blake, and Mustafa Akkoyunlu

A2B Adenosine Receptor Blockade Enhances Macrophage-Mediated Bacterial Phagocytosis and Improves Polymicrobial Sepsis Survival in Mice
Bryan G. Belikoff, Stephen Hatfield, Peter Georgiev, Akio Ohba, Dmitriy Lukashev, Jon A. Buras, Daniel G. Remick, and Michail Sitkovsky

A Combination of Flt3 Ligand cDNA and CpG Oligodeoxynucleotide as Nasal Adjuvant Elicits Protective Secretory-IgA Immunity to Streptococcus pneumoniae in Aged Mice
Yoshiko Fukuyama, Janice D. King, Katsue Kataoka, Ryoki Kobayashi, Rebehak S. Gilbert, Susan K. Hollingshead, David E. Briles, and Kohtaro Fujibashi

Tribbles 3: A Novel Regulator of TLR2-Mediated Signaling in Response to Helicobacter pylori Lipopolysaccharide

A Novel and Divergent Role of Granzyme A and B in Resistance to Helminth Infection
Wiebke Hartmann, Benjamin J. Marsland, Benjamin Otto, Jens Urry, Bernhard Fleischer, and Simone Korten

Chemokine Transcripts as Targets of the RNA-Binding Protein HuR in Human Airway Epithelium
Jinshui Fan, Faoud T. Ishmael, Xi Fang, Allen Myers, Chris Cheadle, Shau-Ku Huang, Ulus Atasoy, Myriam Gorospe, and Cristiana Stellato

Basic Calcium Phosphate Crystals Induce Monocyte/Macrophage IL-1β Secretion through the NLRP3 Inflammasome In Vitro
Borbála Pazár, Hang-Korng Ea, Sharmal Narayan, Laetitia Kolly, Nathalie Bagnoud, Véronique Chobaz, Thierry Roger, Frédéric Lioté, Alexander So, and Nathalie Busso

Proteasome Inhibition with Bortezomib Depletes Plasma Cells and Autoantibodies in Experimental Autoimmune Myasthenia Gravis
Alejandro M. Gomez, Kathleen Vrolix, Pilar Martinez-Martinez, Peter C. Molenaar, Marko Phernambucq, Eline van der Esch, Hans Duimel, Fons Verheyen, Reinhard E. Voll, Rudolf A. Manz, Marc H. De Baets, and Mario Losen

Absence of MyD88 Results in Enhanced TLR3-Dependent Phosphorylation of IRF3 and Increased IFN-β and RANTES Production
Jakub Siednienko, Thusitha Gajanayake, Katherine A. Fitzgerald, Paul Moynagh, and Sinéad M. Miggin

Mast Cells as Sensors of Cell Injury through IL-33 Recognition
Mattias Enoksson, Katarina Lyberg, Christine Müller-Westerberg, Padraic G. Fallon, Gunnar Nilson, and Carolina Lunderius-Andersson

Differential Expression of NLRP3 among Hematopoietic Cells
Greta Guarda, Manuel Zenger, Amir S. Yazdi, Kate Schroder, Isabel Ferrero, Philippe Menu, Aubry Tardivel, Chantal Mattmann, and Jürg Tschopp

Apolipoprotein E and Peptide Mimetics Modulate Inflammation by Binding the SET Protein and Activating Protein Phosphatase 2A
Dale J. Christensen, Nobutaka Ohkubo, Jessica Oddo, Michael J. Van Kanegan, Jessica Neil, Fengqiao Li, Carol A. Colton, and Michael P. Vitek

An Islet-Specific Pulse of TGF-β Abrogates CTL Function and Promotes β Cell Survival Independent of Foxp3+ T Cells
Maja Wallberg, F. Susan Wong, and E. Allison Green
Role of MicroRNA-214–Targeting Phosphatase and Tensin Homolog in Advanced Glycation End Product-Induced Apoptosis Delay in Monocytes
Li-Min Li, Dong-Xia Hou, Ya-Lan Guo, Jun-Wei Yang, Yuan Liu, Chen-Yu Zhang, and Ke Zen

TRIF Is a Critical Survival Factor in Viral Cardiomyopathy
Alexander Riad, Dirk Westermann, Christin Zietzsch, Konstantinos Savvatis, Peter M. Becher, Stefan Bereswill, Markus M. Heimesaat, Olga Lettau, Dirk Lassner, Andrea Dörner, Wolfgang Poller, Matthias Busch, Stephan B. Felix, Heinz P. Schultheis, and Carsten Tschöpe

STAT6 Expression in Multiple Cell Types Mediates the Cooperative Development of Allergic Airway Disease
Svetlana P. Chapoval, Preeta Dasgupta, Elizabeth P. Smith, Louis J. DeTolla, Michael M. Lipsky, Ann E. Kelly-Welch, and Ashah D. Keegan

IL-33 Activates B1 Cells and Exacerabtes Contact Sensitivity
Mousa Komai-Koma, Derek S. Gilchrist, Andrew N. J. McKenzie, Carl S. Goodyear, Damo Xu, and Foo Y. Liew

The Role of CD14 in Neutrophil Recruitment within the Liver Microcirculation during Endotoxemia
Erin F. McAvoy, Braedon McDonald, Sean A. Parsons, Connie H. Wong, Regine Landmann, and Paul Kubes

Th17 Cells, Not IL-17γδ T Cells, Drive Arthritic Bone Destruction in Mice and Humans

IL-1F5, -F6, -F8, and -F9: A Novel IL-1 Family Signaling System That Is Active in Psoriasis and Promotes Keratinocyte Antimicrobial Peptide Expression
Andrew Johnston, Xianying Xing, Andrew M. Guzman, MaryBeth Riblett, Candace M. Loyd, Nicole L. Ward, Christian Wohn, Errol P. Presn, Frank Wang, Lisa E. Maier, Sewon Kang, John J. Voorhees, James T. Elder, and Johann E. Gudjonsson

Upregulated IL-7 Receptor α Expression on Colitogenic Memory CD4+ T Cells May Participate in the Development and Persistence of Chronic Colitis
Tamako Shinohara, Yuuhiro Nemoto, Takehiko Kanai, Kaori Kameyana, Ryuichi Okamoto, Kichiro Tsuchiya, Tetsuya Nakamura, Teruji Totsuka, Koichi Ikuta, and Mamoru Watanabe

CLINICAL IMMUNOLOGY

Two Unique Human Decidual Macrophage Populations
Brandy L. Houser, Tamara Tilburgs, Jonathan Hill, Matthew L. Nicotra, and Jack L. Strominger

B Lymphocytes Differentially Influence Acute and Chronic Allograft Rejection in Mice
David J. DiLillo, Robert Griffohs, Surya V. Seshan, Cynthia M. Magro, Phillip Ruiz, Thomas M. Coffman, and Thomas F. Tedder

CD8+ T Cells Induce Thyroid Epithelial Cell Hyperplasia and Fibrosis
Shiguang Yu, Yujiang Fang, Tumenjargal Sharav, Gordon C. Sharp, and Helen Braley-Mullen

HLA-G Expression in Human Embryonic Stem Cells and Preimplantation Embryos
An Verloes, Hilde Van de Velde, Joëlle Lemouel, Ileana Mateizel, Greet Catuffman, Peter A. Horn, Edgardo D. Carosella, Paul Devroey, Marc De Waele, Vera Rebbmann, and Martine Versammen

Th17 Cells Expressing KIR3DL2+ and Responsive to HLA-B27 Homodimers Are Increased in Ankylosing Spondylitis
Paul Bowes, Anna Ridley, Jacqueline Shaw, Antony T. Chan, Isabel Wong-Baaza, Myles Fleming, Fraser Cummings, Andrew McMichael, and Simon Kollnberger

LETTERS OF RETRACTION

Retraction: The IL-15Rα Chain Signals Through Association with Syk in Human B Cells
Thomas Pohl, Hans Krause, Horst Dürrkop, Ralf Paus, and Silvia Bulfone-Paus
Retraction: Mast Cells Express Novel Functional IL-15 Receptor α Isoforms
Hans Krause, Ralf Paus, Zane Orinska, and Silvia Bulfone-Paus

Retraction: Extracellular ATP Induces Cytokine Expression and Apoptosis through P2X7 Receptor in Murine Mast Cells
Zane Orinska, Martina Hein, Frank Petersen, Silvia Bulfone-Paus, Lutz Thon, and Dieter Adam

CORRECTIONS

Correction: Anti-Inflammatory Role of the Murine Formyl-Peptide Receptor 2: Ligand-Specific Effects on Leukocyte Responses and Experimental Inflammation.
Neil Dufton, Robert Hannon, Vincenzo Brancaleone, Jesmond Dalli, Hetal B. Patel, Mohini Gray, Fulvio D'Acquisto, Julia C. Buckingham, Mauro Perretti, and Roderick J. Flower

AUTHOR INDEX