2005 IN THIS ISSUE

LETTERS TO THE EDITOR

2007 Comment on “TCR Activation Eliminates Glutamate Receptor GluR3 from the Cell Surface of Normal Human T Cells, via an Autocrine/Paracrine Granzyme B-Mediated Proteolytic Cleavage”
Cornelia Poulopoulou

2007 Response to Comment on “TCR Activation Eliminates Glutamate Receptor GluR3 from the Cell Surface of Normal Human T Cells, via an Autocrine/Paracrine Granzyme B-Mediated Proteolytic Cleavage”
Mia Levite

2007 Comment on “Activation-Induced Cytidine Deaminase Expression in Follicular Dendritic Cell Networks and Interfollicular Large B Cells Supports Functionality of Ectopic Lymphoid Neogenesis in Autoimmune Sialoadenitis and MALT Lymphoma in Sjögren’s Syndrome”
Olivier Thaunat and Antonino Nicoletti

2008 Response to Comment on “Activation-Induced Cytidine Deaminase Expression in Follicular Dendritic Cell Networks and Interfollicular Large B Cells Supports Functionality of Ectopic Lymphoid Neogenesis in Autoimmune Sialoadenitis and MALT Lymphoma in Sjögren’s Syndrome”
Michele Bombardieri, Francesca Barone, and Costantino Pitzalis

2009 Comment on “Resistin-Like Molecule β (RELMβ/FIZZ2) Is Highly Expressed in the Ileum of SAMP1/YitFc Mice and Is Associated with Initiation of Ileitis”
Sicheng Wen, Christian P. Felley, Vera Kessler, Pierre Michetti, and Qiang Pan-Hammarström

2009 Response to Comment on “Resistin-Like Molecule β (RELMβ/FIZZ2) Is Highly Expressed in the Ileum of SAMP1/YitFc Mice and Is Associated with Initiation of Ileitis”
Steven M. Cohn and Alda Vidrich

BRIEF REVIEWS

2011 Plasticity of Macrophage Function during Tumor Progression: Regulation by Distinct Molecular Mechanisms
Subhra K. Biswas, Antonio Sica, and Claire E. Lewis

CUTTING EDGE

2019 Cutting Edge: A cis-Acting DNA Element Targets AID-Mediated Sequence Diversification to the Chicken Ig Light Chain Gene Locus
Nagarama Kothapalli, Darrell D. Norton, and Sebastian D. Fugmann

2024 Cutting Edge: Activation by Innate Cytokines or Microbial Antigens Can Cause Arrest of Natural Killer T Cell Patrolling of Liver Sinusoids
Peter Velázquez, Thomas O. Cameron, Yuki Kinjo, Niranjana Nagarajan, Mitchell Kronenberg, and Michael L. Dustin

2029 Cutting Edge: Progesterone Regulates IFN-γ Production by Plasmacytoid Dendritic Cells
Grant C. Hughes, Sunil Thomas, Chang Li, Murali-Krishna Kaja, and Edward A. Clark

2034 Cutting Edge: Innate Immune Response Triggered by Influenza A Virus Is Negatively Regulated by SOCS1 and SOCS3 through a RIG-I/IFNAR1-Dependent Pathway
Julien Pothlichet, Michel Chignard, and Mustapha Si-Tahar

2039 Cutting Edge: CD4 T Cell-Mast Cell Interactions Alter IgE Receptor Expression and Signaling
Mohit Kashyap, Angela M. Thornton, Sarah Kennedy Norton, Brian Barnstein, Matthew Macey, Jennifer Brenzovich, Ethan Shevach, Warren J. Leonard, and John J. Ryan

CELLULAR IMMUNOLOGY AND IMMUNE REGULATION

2045 Kit Regulates Maintenance of Quiescent Hematopoietic Stem Cells
Lina A. Thörén, Karina Linha, David Bryder, Jens M. Nygren, Christina T. Jensen, Hong Qian, Jennifer Antonchuk, and Sten-Erik W. Jacobsen

2054 Critical Roles of the p110β Subtype of Phosphoinositide 3-Kinase in Lipopolysaccharide-Induced Akt Activation and Negative Regulation of Nitrite Production in RAW 264.7 Cells
Ken Tsuchimoto, Kaoru Hazeki, Megumi Hoshi, Kiyomi Nigorikawa, Norimitsu Inoue, Takehiko Sasaki, and Osamu Hazeki

2062 4-1BB Engagement Costimulates NKT Cell Activation and Exacerbates NKT Cell Ligand-Induced Airway Hyperresponsiveness and Inflammation
Dong-Hyeon Kim, Woo-Sung Chang, Yoon-Sook Lee, Kyoo-A Lee, Yoon-Keun Kim, Byoung S. Kwon, and Chang-Yuil Kang

2069 pConsensus Peptide Induces Tolerogenic CD8+ T Cells in Lupus-Prone (NZB × NZW)F1 Mice by Differentially Regulating Foxp3 and PD1 Molecules
Ran Pyare Singh, Antonio La Cava, and Bevra H. Hahn

2081 Selective Regulation of CD8 Effector T Cell Migration by the p110γ Isoform of Phosphatidylinositol 3-Kinase
Amanda L. Martin, Matthew D. Schwartz, Stephen C. Jameson, and Yoji Shimizu

2089 Inhibition of STAT3 Promotes the Efficacy of Adoptive Transfer Therapy Using Type-1 CTLs by Modulation of the Immunological Microenvironment in a Murine Intracranial Glioma
Mitsugu Fujita, Xinmei Zhang, Kotaro Saaki, Ryo Ueda, Keri L. Low, Ian F. Pollack, and Hideho Okada

2099 Preassociation of IL-15 with IL-15Rα-IgG1-Fc Enhances Its Activity on Proliferation of NK and CD8+/CD44high T Cells and Its Antitumor Action
Siegried Dubois, Hirat J. Patel, Meili Zhang, Thomas A. Waldmann, and Jürgen R. Müller

2107 Antigen Controls IL-7Rα Expression Levels on CD8 T Cells during Full Activation or Tolerance Induction
Christopher D. Hammerbeck and Matthew F. Mecher

2117 TLR7 Is Involved in Sequence-Specific Sensing of Single-Stranded RNAs in Human Macrophages
Michael P. Ganter, Stephen Tong, Mark A. Behlke, Dakang Xu, Simon Phipps, Paul S. Foster, and Bryan R. G. Williams

2125 Prostaglandin E2 Suppresses Lipopolysaccharide-Stimulated IFN-β Production
X. Julia Xu, Jonathan S. Reicher, Baldino Mastrofrancesco, William L. Henry, Jr., and Jorge E. Albina

2132 Ex Vivo Generated Regulatory T Cells Modulate Experimental Autoimmune Myasthenia Gravis
Revital Aricha, Tali Feferman, Sara Fuchs, and Miriam C. Souroujon
IL-12 Is Required for Anti-OX40-Mediated CD4 T Cell Survival
Carl E. Ruby, Ryan Montler, Rongxui Zheng, Suyu Shu, and Andrew D. Weinberg

CD4⁺CD25⁺ Regulatory T Cell Repertoire Formation Shaped by Differential Presentation of Peptides from a Self-Antigen
Joseph Larkin III, Andrew L. Rankin, Cristina Cozzo Picca, Michael P. Riley, Scott A. Jenks, Andrea J. Sant, and Andrew J. Caton

STAT1 Signaling in CD8 T Cells Is Required for Their Clonal Expansion and Memory Formation Following Viral Infection In Vivo
Michael Quigley, Xiaopei Huang, and Yiping Yang

The Magnitude of the Antibody and Memory B Cell Responses during Priming with a Protein-Polysaccharide Conjugate Vaccine in Human Infants Is Associated with the Persistence of Antibody and the Intensity of Booster Response
Geraldine Blanchard Rohner, Matthew D. Snape, Dominic F. Kelly, Tessa John, Anita Morant, Ly-Mee Yu, Astrid Borkowski, Francesca Ceddia, Ray Borrow, Claire-Anne Siegrist, and Andrew J. Pollard

Induction of Broad Cross-Subtype-Specific HIV-1 Immune Responses by a Novel Multivalent HIV-1 Peptide Vaccine in Cynomolgus Macaques
Ali Azizi, David E. Anderson, José V. Torres, Andrei Ogrel, Masoud Ghorbani, Catalina Soare, Paul Sandstrom, Joseyne Fournier, and Francisco Diaz-Mitoma

Bacterial Fimbriae Stimulate Proinflammatory Activation in the Endothelium through Distinct TLRs
Michael Davey, Xinyan Liu, Takashi Ukim, Vishal Jain, Cynthia Giudino, Frank C. Gibson III, Douglas Goldenbock, Alberto Visintin, and Caroline A. Genco

Differential Molecular and Anatomical Basis for B Cell Migration into the Peritoneal Cavity and Omental Milky Spots
Simon Berberich, Sabrina Dähne, Angela Schippers, Thorsten Peters, Werner Müller, Elisabeth Kremmer, Reinhold Förster, and Oliver Pabst

Leukemia Inhibitory Factor Deficiency Modulates the Immune Response and Limits Autoimmune Demyelination: A New Role for Neurotrophic Cytokines in Neuroinflammation
Ralf A. Linker, Niels Kruse, Stephanie Israel, Tao Wei, Silvia Seubert, Anja Hombach, Bettina Holtmann, Fred Lubder, Richard M. Ransohoff, Michael Sendtner, and Ralf Gold

Anti-MHC Class I Antibody Activation of Proliferation and Survival Signaling in Murine Cardiac Allografts
Peter T. Jindra, Aileen Hsueh, Longhen Hong, David Gjertson, Xiu-Da Shen, Feng Gao, Julie Dang, Paul S. Mischel, William M. Baldwin III, Michael C. Fishbein, Jerzy W. Kupiec-Weglinski, and Elaine F. Reed

Chlamydia muridarum Infection Subverts Dendritic Cell Function to Promote Th2 Immunity and Airways Hyperreactivity
Gerard E. Kaslo, Simon Phipps, Danica K. Hickey, Chuan En Lam, Philip M. Hansbro, Paul S. Foster, and Kenneth W. Beagley

Canonical Transient Receptor Potential 5 Channel in Conjunction with Orai1 and STIM1 Allows Sr²⁺ Entry, Optimal Influx of Ca²⁺, and Degranulation in a Rat Mast Cell Line
Hong-Tao Ma, Ze Peng, Takaaki Hiragun, Shoko Isaki, Alasdair M. Gilfillan, and Michael A. Beaven

Comprehensive Assessment and Mathematical Modeling of T Cell Population Dynamics and Homeostasis
Véronique Thomas-Vaslin, Hester Korthals Altes, Rob J. de Boer, and David Klatzmann

Agonists of the Mas-Related Gene (Mrgs) Orphan Receptors as Novel Mediators of Mast Cell-Sensory Nerve Interactions
Min-Goo Lee, Xinzhong Dong, Qin Liu, Kush N. Patel, Ohsoon Hong Choi, Becky Vonakis, and Bradley J. Undem

Characterization of the In Vivo Dynamics of Medullary CD4⁺CD8⁻ Thymocyte Development
Rong Jin, Wei Wang, Jin-Yan Yao, Yu-Bin Zhou, Xiao-Ping Qian, Jun Zhang, Yu Zhang, and Wei-Feng Chen
Histone Methylation Patterns Are Cell-Type Specific in Human Monocytes and Lymphocytes and Well Maintained at Core Genes
Feng Miao, Xiwei Wu, Lingciao Zhang, Arthur D. Riggs, and Rama Natarajan

Maturing Dendritic Cells Depend on RAGE for In Vivo Homing to Lymph Nodes
Angelo A. Manfredi, Annalisa Capobianco, Antonio Esposito, Francesco De Cobelli, Tamara Canu, Antonella Monno, Angela Raucci, Francesca Sansito, Claudio Doglioni, Peter P. Nauroth, Angelika Bierhaus, Marco E. Bianchi, Patrizia Rovere-Querini, and Alessandro Del Maestro

A Critical Role of Costimulation during Intrathymic Development of Invariant NK T Cells
Yeoneok Chung, Roza Nurieva, Eiji Esashi, Yi-Hong Wang, Dapeng Zhou, Laurent Gapin, and Chen Dong

ICOS, CD40, and Lymphotoxin β Receptors Signal Sequentially and Interdependently to Initiate a Germinal Center Reaction
Frances Vu, Umberto Dianzani, Carl F. Ware, Tak Mak, and Jennifer L. Gommerman

Complement Activation Plays a Key Role in Antibody-Induced Infusion Toxicity in Monkeys and Rats
Tomonori Tawara, Kazumasa Hasegawa, Yusuke Sugita, Katsuhiko Harada, Toru Miura, Sunao Hayashi, Tomoyuki Tabara, Masaharu Ishikawa, Hideaki Yoshihara, Ninka Kubo, Iko Ikeda, and Shiro Kataoka

Why T Cells of Thymic Versus Extrathymic Origin Are Functionally Different
Marie-Eve Blais, Sylvie Brochu, Martin Giroux, Marie-Pier Bélanger, Gaël Dulude, Rafick-Pierre Sékaly, and Claude Perreault

Molecular and Structural Immunology

Three-Dimensional Structure of the Cross- Reactive Pollen Allergen Che a 3: Visualizing Cross-Reactivity on the Molecular Surfaces of Weed, Grass, and Tree Pollen Allergens
Petra Verdino, Rodrigo Barderas, Mayte Villalba, Kerstin Westritschnig, Rudolf Valenta, Rosalia Rodriguez, and Walter Keller

Protective Effect of IL-18 on Kainate- and IL-1β-Induced Cerebellar Ataxia in Mice
Tsugunobu Andoh, Hirohiko Kishi, Kazumi Motoki, Kenji Nakanishi, Yasushi Kuraishi, and Atsushi Muraguchi

C1q Binds Phosphatidylerine and Likely Acts as a Multiligand-Bridging Molecule in Apoptotic Cell Recognition
Helena Païdassi, Pascale Taczet-Delorme, Virginie Garlatti, Claudine Darnault, Berhane Ghebrehiwet, Christine Gaboriaud, Gérard J. Arlaud, and Philippe Frachet

Productive Coupling of Accessible Vβ14 Segments and DJβ Complexes Determines the Frequency of Vβ14 Rearrangement
Sheila Ranganath, Andrea C. Carpenter, Megan Gleason, Albert C. Shaw, Craig H. Bassing, and Frederick W. Alt

Porcine Reproductive and Respiratory Syndrome Virus Subverts Repertoire Development by Proliferation of Germline-Encoded B Cells of All Isotypes Bearing Hydrophobic Heavy Chain CDR3
John E. Butler, Nancy Wertz, Patrick Weber, and Kelly M. Lager

HLA Class I Antibody-Mediated Endothelial Cell Proliferation via the mTOR Pathway
Peter T. Jindra, Yi-Ping Jin, Enquire Rozenburg, and Elaine F. Reed

Immunogenetics

Human Trophoblasts Recruited T Lymphocytes and Monocytes into Decidua by Secretion of Chemokine CXCL16 and Interaction with CXCR6 in the First-Trimester Pregnancy
Yu Huang, Xiao-Yong Zhu, Mei-Rong Du, and Da-Jin Li

Host Defense

IL-13 Is Required for Eosinophil Entry into the Lung during Respiratory Syncytial Virus Vaccine-Enhanced Disease
Elaine M. Castilow, David K. Meyerholz, and Steven M. Varga
Interferon-Induced Expression of MxA in the Respiratory Tract of Rhesus Macaques Is Suppressed by Influenza Virus Replication
Timothy D. Carroll, Shannon R. Matzinger, Meritxell Genesca, Linda Fritts, Roxana Colón, Michael B. McChesney, and Christopher J. Miller

Cholesterol-Rich Membrane Rafts and Lyn Are Involved in Phagocytosis during Pseudomonas aeruginosa Infection
Shishibhakvarthy Kannan, Aaron Audet, Huang Huang, Li-juan Chen, and Min Wu

Pneumococcal Capsular Polysaccharide Is Immunogenic When Present on the Surface of Macrophages and Dendritic Cells: TLR4 Signaling Induced by a Conjugate Vaccine or by Lipopolysaccharide Is Conducive to Immunostimulatory Activity

Integrin β₁ Regulates Phagosome Maturation in Macrophages through Rac Expression
Qing-Qing Wang, Hong Li, Tim Oliver, Michael Glogauer, Jian Guo, and You-Wen He

A238L Inhibits NF-ATc2, NF-κB, and c-Jun Activation through a Novel Mechanism Involving Protein Kinase C-β-Mediated Up-Regulation of the Amino-Terminal Transactivation Domain of p300
Aitor G. Granja, Neil D. Perkins, and Yolanda Revilla

IL-33, a Potent Inducer of Adaptive Immunity to Intestinal Nematodes
Neil E. Humphreys, Damo Xu, Matthew R. Hepworth, Foo Y. Liew, and Richard K. Gencis

Injury Enhances Resistance to Escherichia coli Infection by Boosting Innate Immune System Function
Adrian A. Maung, Satoshi Fujimi, Malcolm P. MacConmara, Goro Tajima, Ann M. McKenna, Adam J. Delisle, Christopher Stallwood, Andrew B. Onderdonk, John A. Mannick, and James A. Lederer

Immunoproteomic Discovery of Novel T Cell Antigens from the Obligate Intracellular Pathogen Chlamydia
Karuna P. Karunakaran, Jose Rey-Ladino, Nikolay Stoynov, Kyra Berg, Caixia Shen, Xiaozhou Jiang, Brent R. Gabel, Hong Yu, Leonard J. Foster, and Robert C. Brunham

Role of Galectin-3 in Leukocyte Recruitment in a Murine Model of Lung Infection by Streptococcus pneumoniae
Julie Nieminen, Christian St-Pierre, Pampa Bhaumik, Françoise Poirier, and Sachiko Sato

An Important Role for Type III Interferon (IFN-λ/IL-28) in TLR-Induced Antiviral Activity
Nina Ank, Marie B. Iversen, Christina Bartholdy, Peter Staeheli, Rune Hartmann, Uffe B. Jensen, Frederik Daghestani, Allan R. Thomsen, Zhi Chen, Harald Haugen, Kevin Klucher, and Søren R. Paludan

IL-23 Is Required for the Development of Severe Egg-Induced Immunopathology in Schistosomiasis and for Lesional Expression of IL-17
Laura I. Rutitsky, Lindley Bazzone, Mara G. Shainbein, Barbara Joyce-Shaikh, Daniel J. Cua, and Miguel J. Stadecker

Malaria Parasites Require TLR9 Signaling for Immune Evasion by Activating Regulatory T Cells
Hajime Hsuada, Kohbei Tetsutani, Takashi Inai, Chikako Moriya, Liping Tu, Shinjiro Hamano, Xuefeng Duan, Bin Zhou, Hidekazu Ishida, Akiko Aramaki, Jianying Shen, Ken J. Ishii, Cewuyir Coban, Shizuo Akira, Kiyohi Takeda, Koji Yasutomo, Motomi Torii, and Kunisuke Himeno

Novel Vaccination Protocol with Two Live Mucosal Vectors Elicits Strong Cell-Mediated Immunity in the Vagina and Protects against Vaginal Virus Challenge
Zhongxia Li, Manzxin Zhang, Chengbui Zhou, Xinyuan Zhao, Noritsumi Iijima, and Fred R. Frankel

Regulatory T Cells Prevent Control of Experimental African Trypanosomiasis
Guojian Wei and Henry Tabel

INFLAMMATION

Auto-Oxidation and Oligomerization of Protein S on the Apoptotic Cell Surface Is Required for Mer Tyrosine Kinase-Mediated Phagocytosis of Apoptotic Cells
Hiroshi Uehara and Emily Shacter
HMGB1 Develops Enhanced Proinflammatory Activity by Binding to Cytokines
Yonggang Sha, Jaroslav Zmijewski, Zhiwei Xu, and Edward Abraham

Isoform-Specific Functions of Phosphoinositide 3-Kinases: p110δ but Not p110γ Promotes Optimal Allergic Responses In Vivo
Khaleed Ali, Montserrat Camps, Wayne P. Pearce, Hong Ji, Thomas Rückle, Nicolas Kuehn, Christian Pasquali, Christian Chabert, Christian Rommel, and Bart Vanhaecke

Tristetraprolin Regulates CXCL1 (KC) mRNA Stability
Shyamasree Datta, Roopa Biswas, Michael Novotny, Paul G. Pavicic, Jr., Tomasz Herjan, Padasib Mandal, and Thomas A. Hamilton

Lipoteichoic Acid Isolated from Lactobacillus plantarum Inhibits Lipopolysaccharide-Induced TNF-α Production in THP-1 Cells and Endotoxic Shock in Mice
Han Geun Kim, Na-Ra Kim, Min Geun Gim, Jung Min Lee, Seung Yeon Lee, Mi Yeon Ko, Joo Yun Kim, Seung Hyun Han, and Dae Kyun Chung

CCR2+ Monocyte-Derived Dendritic Cells and Exudate Macrophages Produce Influenza-Induced Pulmonary Immune Pathology and Mortality
Kai Feng Lin, Yutashi Suzuki, Hideki Nakano, Elizabeth Ramsburg, and Michael Dee Gunn

A CD8+ /CD103+ T Cell Subset Regulates TNF-Mediated Chronic Murine Ileitis
Johnson Ho, Courtney C. Kurtz, Makoto Naganuma, Peter B. Ernst, Fabio Cominelli, and Jesús Rivera-Nieves

Mesenchymal Stem Cells Are Recruited into Wounded Skin and Contribute to Wound Repair by Transdifferentiation into Multiple Skin Cell Type
Mikako Sasaki, Riichiro Abe, Yauyuki Fujita, Satomi Ando, Daisuke Inokuma, and Hiroshi Shinizu

Loss of Epithelial RelA Results in Deregulated Intestinal Proliferative/Apoptotic Homeostasis and Susceptibility to Inflammation
Kris A. Steinbrecher, Elena Harmel-Laws, Raquel Sitcheran, and Albert S. Baldwin

Granulocyte-Macrophage Colony-Stimulating Factor Is Required for Bronchial Eosinophilia in a Murine Model of Allergic Airway Inflammation
Yung-Chang Su, Michael S. Rolph, Nicole G. Haubro, Charles R. Mackay, and William A. Sewell

A Plant-Derived Ligand Favoring Monomeric Glucocorticoid Receptor Conformation with Impaired Transactivation Potential Attenuates Collagen-Induced Arthritis
Pieter Dewint, Valerite Gissey, Karolien De Bouscher, Wim Vanden Berghe, Katrien Van Beneden, Dieter Deforce, Serge Van Calenbergh, Ulf Müller-Ladner, Bert Vander Cruysen, Guy Verbruggen, Gisiel Hargeman, and Dirk Elewaut

Transglutaminase Type II Is Involved in the Pathogenesis of Endotoxic Shock
Laura Falasca, Maria Grazia Farrace, Alessandra Rinaldi, Loretta Tuosto, Gennard Melino, and Mauro Piacentini

CD44 Is Critically Involved in Infarct Healing by Regulating the Inflammatory and Fibrotic Response
Peter Huebner, Tareq Abou-Khamis, Pawel Zynrek, Marcin Bujak, Xia Ying, Khaled Chabila, Sandra Haudek, Geeta Thakker, and Nikolaos G. Frangogiannis

Notch3 Inhibition in Myelin-Reactive T Cells Down-Regulates Protein Kinase Cθ and Attenuates Experimental Autoimmune Encephalomyelitis
Maciej Juryneczyk, Anna Jurewicz, Cedric S. Rainie, and Krzysztof Selmaj

CXCR3 Mediates Region-Specific Antiviral T Cell Trafficking within the Central Nervous System during West Nile Virus Encephalitis
Bo Zhang, Ying Kai Chan, Bao Lu, Michael S. Diamond, and Robyn S. Klein

Regulation of Alternative Macrophage Activation by Galectin-3

Intestinal Inflammation Increases the Expression of the P2Y6 Receptor on Epithelial Cells and the Release of CXC Chemokine Ligand 8 by UDP
Djordje M. Grbic, Emilie Degagné, Christine Langlois, Andrée-Anne Dupuis, and Fernand-Pierre Gendron
Inhibitory ITAM Signaling by FcαRI-FcRγ Chain Controls Multiple Activating Responses and Prevents Renal Inflammation
Yutaka Kanamaru, Séverine Pfirsch, Meryem Aloulou, François Vrtovsnik, Marie Essig, Chantal Loirat, Georges Deschênes, Claudine Guérin-Marchand, Ulrich Blank, and Renato C. Monteiro

IL-13-Mediated Gender Difference in Susceptibility to Autoimmune Encephalomyelitis
Sushmita Sinha, Laurie J. Kaler, Thomas M. Proctor, Cory Teuscher, Arthur A. Vandenbark, and Halina Offner

CD11b+ Monocytes Abrogate Th17 CD4+ T Cell-Mediated Experimental Autoimmune Myocarditis
Alan Valaperti, René R. Marty, Gabriela Kania, Davide Germano, Nora Mauermann, Stefan Dirnhofer, Bernd Leimenstoll, Przemyslaw Błyszczuk, Chen Dong, Christian Mueller, Lukas Hunziker, and Urs Eriksson

Pixantrone (BBR2778) Reduces the Severity of Experimental Autoimmune Myasthenia Gravis in Lewis Rats
Federica Ubiali, Sara Nava, Valeria Nessi, Renato Longhi, Gabriella Pezzoni, Raffaella Capobianco, Renato Mantegazza, Carlo Antozzi, and Fulvio Baggi

Up-Regulation of Programmed Death-1 Expression on Beryllium-Specific CD4+ T Cells in Chronic Beryllium Disease
Brent E. Palmer, Douglas G. Mack, Allison K. Martin, May Gillespie, Margaret M. Mroz, Lisa A. Maier, and Andrew P. Fontenot

Author Index

AAI Membership Application

AAI Trainee Membership Application