177 (11)

This information is current as of July 29, 2017.

Subscriptions
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
In This Issue

Pillars of Immunology

7483 A Nuclear Factor in B Cells and Beyond
Michael J. May

Ranjan Sen and David Baltimore

Brief Reviews

7497 DUSP Meet Immunology: Dual Specificity MAPK Phosphatases in Control of the Inflammatory Response
Roland Lang, Michael Hammer, and Jörg Mages

Cutting Edge

7505 Cutting Edge: TLR3 Stimulation Suppresses Experimental Autoimmune Encephalomyelitis by Inducing Endogenous IFN-β
Tarik Touil, Denise Fitzgerald, Guang-Xian Zhang, Abdolmohamad Rostami, and Bruno Gran

7510 Cutting Edge: Plasmacytoid Dendritic Cells Provide Innate Immune Protection against Mucosal Viral Infection In Situ
Jennifer M. Lund, Melissa M. Linehan, Norifumi Iijima, and Akiko Iwasaki

7515 Cutting Edge: IL-12 Inversely Regulates T-bet and Eomesodermin Expression during Pathogen-Induced CD8+ T Cell Differentiation
Naofumi Takemoto, Andrew M. Intlekofer, John T. Northrup, E. John Wherry, and Steven L. Reiner

7520 Cutting Edge: Pivotal Function of Ubc13 in Thymocyte TCR Signaling
Masahiro Yamamoto, Shintaro Sato, Tatsuya Saitoh, Hiroaki Sakurai, Satoshi Uematsu, Taro Kawai, Ken J. Ishii, Osamu Takeuchi, and Shizuo Akira

7525 Cutting Edge: Stimulation of Dopamine D4 Receptors Induce T Cell Quiescence by Up-Regulating Krüppel-Like Factor-2 Expression through Inhibition of ERK1/ERK2 Phosphorylation
Chandrani Sarkar, Shamik Das, Debanjan Chakroborty, Uttio Roy Chowdhury, Bijuwarup Basu, Partha Sarathi Dasgupta, and Sujit Basu

On the cover: Significant IgA production is shown in cryosections from the rolled up small intestine of a wild-type mouse. The intestine contains many IgA-positive cells (green) and a single isolated lymphoid follicle cluster brightly stained for IgM+ cells (red). Bergqvist, P., E. Gärdby, A. Stensson, M. Bemark, and N. Y. Lycke. 2006. Gut IgA class switch recombination in the absence of CD40 does not occur in the lamina propria and is independent of germinal centers. J. Immunol. 177: 7772–7783.
Cellular Immunology and Immune Regulation

7531 CCR4 Is a Key Modulator of Innate Immune Responses
Traci L. Ness, Jillian L. Ewing, Cory M. Hogaboam, and Steven L. Kunkel

7540 Cytotoxic T Lymphocytes Induce Caspase-Dependent and -Independent Cell Death in Neuroblastomas in a MHC-Nonrestricted Fashion
Anna De Geer, Rolf Kiesling, Victor Levitsky, and Jelena Levitskaya

7551 Macrophages and Myeloid Dendritic Cells, but Not Plasmacytoid Dendritic Cells, Produce IL-10 in Response to MyD88- and TRIF-Dependent TLR Signals, and TRL-Independent Signals
André Boonstra, Ricardo Rajaboum, Mary Holman, Rute Marques, Carine Ausetin-Paturel, João Pedro Pereira, Elizabeth E. M. Bates, Shizuo Akira, Paulo Vieira, Yong-Jun Liu, Giorgio Trinchieri, and Anne O’Garra

7559 A Novel E3 Ubiquitin Ligase Substrate Screen Identifies Rho Guanine Dissociation Inhibitor as a Substrate of Gene Related to Anergy in Lymphocytes
Leon Su, Neil Lineberry, Yul Huh, Luis Soares, and C. Garrison Fathman

7567 Paternal Antigen-Bearing Cells Transferred during Insemination Do Not Stimulate Anti-Paternal CD8+ T Cells: Role of Estradiol in Locally Inhibiting CD8+ T Cell Responses
Matthew M. Seavey and Tim R. Mosmann

7579 IL-27 Induces Th1 Differentiation via p38 MAPK/T-bet- and Intercellular Adhesion Molecule-1/LFA-1/ERK1/2-Dependent Pathways
Toshiyuki Owaki, Masayuki Asakawa, Fumio Fukut, Junichiro Mizuguchi, and Takayuki Yoshimoto

7588 Loss of Invariant Chain Protects Nonobese Diabetic Mice against Type 1 Diabetes
Richard J. Mellanby, Chad H. Koonce, Anthony Monti, Jenny M. Phillips, Anne Cooke, and Elizabeth K. Bikoff

7599 The Chemokine CX3CL1 Reduces Migration and Increases Adhesion of Neurons with Mechanisms Dependent on the β1 Integrin Subunit
Clotilde Lauro, Myriam Catalano, Flavia Trettel, Fabrizio Mainiero, Maria Teresa Ciotti, Fabrizio Eusebi, and Cristina Limatola

7607 ERK5 Activates NF-κB in Leukemic T Cells and Is Essential for Their Growth In Vivo
Johan Garasde, Seyma Chenri, Sandra Kaminksi, Etienne Delepine, Christine Chable-Bessia, Monsef Benkirane, Joana Borges, Atanacio Pandiella, Miguel Angel Ilíguez, Manuel Fresno, Robert A. Hipkind, and Martin Villalba

7618 IL-12-Programmed Long-Term CD8+ T Cell Responses Require STAT4
Qingsheng Li, Cheryl Eppolito, Kunle Odunsi, and Protul A. Shrikant

7626 Distinct and Non-Overlapping T Cell Receptor Repertoires Expanded by DNA Vaccination in Wild-Type and HER-2 Transgenic BALB/c Mice
Simona Rolla, Chiara Nicolò, Silvia Malinarich, Massimiliano Orsini, Guido Forni, Federica Cavallo, and Francesco Ria

7634 Oral Tolerance Induction with Antigen Conjugated to Cholera Toxin B Subunit Generates Both Foxp3+CD25+ and Foxp3−CD25− CD4+ Regulatory T Cells
Uta Syrbe, Ute Hoffmann, Kerstin Schlawe, Oliver Liesenfeld, Klaus Erb, and Alf Hamann

7645 Regulation of Immunity by a Novel Population of Qa-1-Restricted CD8α+ TCRαβ+ T Cells
Hiroyuki Hosokawa, Motoko Y. Kimura, Ryo Shimakazu, Akane Suzuki, Takako Miki, Haruhiko Koseki, Maarten van Lohuizen, Masakatsu Yamashita, and Toshinori Nakayama

7656 Regulation of Th2 Cell Development by Polycomb Group Gene bmi-1 through the Stabilization of GATA3
Hiroyuki Hosokawa, Motok Y. Kimura, Ryo Shimakazu, Akane Suzuki, Takako Miki, Haruhiko Koseki, Maarten van Lohuizen, Masakatsu Yamashita, and Toshinori Nakayama

7665 Oncostatin M Enhances CCL21 Expression by Microvascular Endothelial Cells and Increases the Efficiency of Dendritic Cell Trafficking to Lymph Nodes
Makoto Sugaya, Lei Fang, Adela R. Cardones, Takashi Kakinuma, Samer H. Jaber, Andrew Blauvelt, and Sam T. Hwang

7673 Microenvironment-Dependent Requirement of STAT4 for the Induction of P-Selectin Ligands and Effector Cytokines on CD4+ T Cells in Healthy and Parasite-Infected Mice
Uta Syrbe, Ute Hoffmann, Kerstin Schlawe, Oliver Liesenfeld, Klaus Erb, and Alf Hamann

by guest on July 29, 2017 http://www.jimmunol.org/ Downloaded from http://www.jimmunol.org/
Immunoproteasome Subunit Deficiencies Impact Differentially on Two Immunodominant Influenza Virus-Specific CD8+ T Cell Responses

Ken C. Pang, Megan T. Sanders, John J. Monaco, Peter C. Doherty, Stephen J. Turner, and Weisan Chen

Cyclosporin A Abolishes CD28-Mediated Resistance to CD95-Induced Apoptosis via Superinduction of Caspase-3

Andreas Kerstan, Nicole Arnbreuter, Martin Leverkus, and Thomas Hünig

Control of Memory CD4 T Cell Recall by the CD28/B7 Costimulatory Pathway

Modesta P. Ndejembi, John R. Teijaro, Deepa S. Patke, Adam W. Bingaman, Meena R. Chandok, Agnes Azimzadeh, Steven G. Nadler, and Donna L. Farber

Talin1 Regulates TCR-Mediated LFA-1 Function

William T. N. Simonson, Santos J. Franco, and Anna Hutenlocher

B Cell-Mediated Antigen Presentation Is Required for the Pathogenesis of Acute Cardiac Allograft Rejection

Hooman Noorchashm, Amy J. Reed, Susan Y. Rostami, Raha Mozaffari, Ghazal Zekavat, Brigitte Koepberlein, Andrew J. Caton, and Ali Naji

Imprinting the Fate of Antigen-Reactive B Cells through the Affinity of the B Cell Receptor


Expression of Integrin β3 Is Correlated to the Properties of Quiescent Hemopoietic Stem Cells Possessing the Side Population Phenotype

Terumasa Umemoto, Masayuki Yamato, Yoshiku Shiratsuichi, Masao Terasawa, Joseph Yang, Kohji Nishida, Yoshiro Kobayashi, and Teruo Okano

TLR2/TLR4-Independent Neutrophil Activation and Recruitment upon Endocytosis of Nucleosomes Reveals a New Pathway of Innate Immunity in Systemic Lupus Erythematosus


Dendritic Cells Amplify T Cell-Mediated Immune Responses in the Central Nervous System

Jozsef Karman, Hamlet H. Chu, Dominic O. Co, Christine M. Seroogy, Matyas Sandor, and Zsuzsanna Fabry

IL-10 Inhibits Lipopolysaccharide-Induced CD40 Gene Expression through Induction of Suppressor of Cytokine Signaling-3

Hongwei Qin, Cynthia A. Wilson, Kevin L. Roberts, Brandi J. Baker, Xiaoyan Zhao, and Etty N. Benveniste

Gut IgA Class Switch Recombination in the Absence of CD40 Does Not Occur in the Lamina Propria and Is Independent of Germinal Centers

Peter Bergqvist, Eva Gårdby, Anneli Stensson, Mats Bemark, and Nils Y. Lycke

Characterization of Myeloid and Plasmacytoid Dendritic Cells in Human Lung

Barbara J. Masten, Guyneth K. Olson, Christy A. Tarleton, Chad Rand, Mark Schuyler, Reza Mehran, Teresa Archibeque, and Mary F. Lipscomb

Regulation of Dendritic Cell Function and T Cell Priming by the Fatty Acid-Binding Protein αP2

Michael S. Rolph, Timothy R. Young, Bennett O. V. Shum, Cen Z. Gorgun, Carsten Schmitz-Peiffer, Ian A. Ramsbaw, Gökhan S. Hotamisligil, and Charles R. Mackay

Generation and Growth of CD28nullCD8+ Memory T Cells Mediated by IL-15 and Its Induced Cytokines

Wai Kan Chiu, Monchou Fann, and Nan-ping Weng

Cyclooxygenase-2 Inhibition Attenuates Antibody Responses against Human Papillomavirus-Like Particles

Elizabeth P. Ryan, Christine M. Malboeuf, Matthew Bernard, Robert C. Rose, and Richard P. Phipps
A Regulatory CD4+ T Cell Subset in the BB Rat Model of Autoimmune Diabetes Expresses Neither CD25 Nor Foxp3
Jan-Luuk Hillebrands, Barbara Whalen, Jeroen T. J. Visser, Jasper Koning, Kenneth D. Bishop, Jean Leif, Jan Rosing, John P. Murdes, Dale L. Greiner, and Aldo A. Rossini

Evidence for NK Cell Subsets Based on Chemokine Receptor Expression

IFN-β-Mediated Up-Regulation of CD1d in Bacteria-Infected APCs
Gayatri Raghuraman, Yanbiao Geng, and Chiyung-Ru Wang

Heat Shock Protein 70 Is Secreted from Tumor Cells by a Nonclassical Pathway Involving Lysosomal Endosomes
Salamatu S. Mambula and Stuart K. Calderwood

Spontaneous Large-Scale Lymphoid Neogenesis and Balanced Autoimmunity versus Tolerance in the Stomach of H+/K+-ATPase-Reactive TCR Transgenic Mouse
Tomoya Katakai, Takashi Nomura, Hiroyuki Gonda, Manabu Sugai, Yasutoshi Agata, Akiyoshi Nishio, Tohru Masuda, Shimon Sakaguchi, and Akira Shimizu

Microarrays Reveal Distinct Gene Signatures in the Thymus of Seropositive and Seronegative Myasthenia Gravis Patients and the Role of CC Chemokine Ligand 21 in Thymic Hyperplasia
Rozen Le Panse, Gérardine Cizeron-Clairac, Jacky Bismuth, and Sonia Berrih-Aknin

General Nature of the STAT3-Activated Anti-Inflammatory Response
Karim C. El Kasmi, Jeff Holst, Marylaine Coffre, Lisa Mielke, Antoine de Paule, Nowara Lhocine, Amber M. Smith, Robert Rutschman, Deepak Kaushal, Yahong Shen, Takashi Suda, Raymond P. Donnelly, Martin G. Myers, Jr., Warren Alexander, Dario A. A. Vignali, Stephanie S. Watowich, Matthias Ernst, Douglas J. Hilton, and Peter J. Murray

MOLECULAR AND STRUCTURAL IMMUNOLOGY

Nucleocytoplasmic Shuttling of HMGB1 Is Regulated by Phosphorylation That Redirects It toward Secretion
Ju Ho Youn and Jeon-Soo Shin

IFN Regulator Factor 4 and 8 Promote Ig Light Chain κ Locus Activation in Pre-B Cell Development
Shibin Ma, Anna Turetsky, Long Trinh, and Runqing Lu

Allergy-Driven Alternative Splicing of IL-13 Receptor α2 Yields Distinct Membrane and Soluble Forms
Yasuhiro Tabata, Weiguo Chen, Manoj R. Warrier, Aaron M. Gibson, Michael O. Daines, and Gurjit K. Khurana Hershey

Analysis of the Individual Contributions of Igα (CD79a)- and Igβ (CD79b)-Mediated Tonic Signaling for Bone Marrow B Cell Development and Peripheral B Cell Maturation
Ezequiel M. Fuentes-Panana, Gregory Bannish, Fredrick G. Karmell, John F. Trendl, and John G. Monroe

IMMUNOGENETICS

Mapping of Quantitative Trait Loci Determining NK Cell-Mediated Resistance to MHC Class I-Deficient Bone Marrow Grafts in Perforin-Deficient Mice
Maria H. Johansson, Masha A. Taylor, Maja Jagedic, Katalin Tus, John D. Schatzle, Edward K. Wakeland, and Michael Bennett

HOST DEFENSE

Gene Expression Profiling Reveals Unique Pathways Associated with Differential Severity of Lyme Arthritis
Hillary Crandall, Diane M. Dunn, Ying Ma, R. Mark Wooten, James F. Zachary, John H. Weis, Robert B. Weiss, and Janis J. Weis

Increased Natural CD4+CD25+ Regulatory T Cells and Their Suppressor Activity Do Not Contribute to Mortality in Murine Polymicrobial Sepsis
Philip O. Scumpia, Matthew J. Delano, Kindra M. Kelly, Kerri A. O’Malley, Philip A. Efron, Priscilla F. McAliff, Todd Brusko, Ricardo Ungaro, Tolga Barker, James L. Wynn, Mark A. Atkinson, Westley H. Reeves, Michael J. Clare Salzler, and Lyle L. Moldawer
TLR4-Dependent NF-κB Activation and Mitogen- and Stress-Activated Protein Kinase 1-Triggered Phosphorylation Events Are Central to Helicobacter pylori Peptidyl Prolyl cis-, trans-Isomerase (HP0175)-Mediated Induction of IL-6 Release from Macrophages
Sushil Kumar Pathak, Sanchita Basu, Aisima Bhattacharyya, Shresh Pathak, Anirban Banerjee, Joyoti Basu, and Manikuntala Kundu

Human Langerhans Cells Express a Specific TLR Profile and Differentially Respond to Viruses and Gram-Positive Bacteria
Vincent Flacher, Marielle Bouichbacher, Estelle Vernère, Catherine Massacrier, Vanja Sisirak, Odile Berthier-Vergnes, Blandine de Saint-Vi, Christophe Cau, Colette Dezutter-Dambuyant, Serge Lebecque, and Jenny Valladeau

The Role of TCR Engagement and Activation-Induced Cell Death in Sepsis-Induced T Cell Apoptosis
Jacqueline Unsinger, John M. Herndon, Christopher G. Davis, Jared T. Muenzer, Richard S. Hotchkiss, and Thomas A. Ferguson

Antigen-Specific CD8+ T Cells Respond to Chlamydia trachomatis in the Genital Mucosa
Nadia R. Roan and Michael N. Starnbach

TLR4 Mediates Vaccine-Induced Protective Cellular Immunity to Bordetella pertussis: Role of IL-17-Producing T Cells

Interleukin-8 Induction by Helicobacter pylori in Gastric Epithelial Cells Is Dependent on Apurinic/Apyrimidinic Endonuclease-1/Redox Factor-1

Pseudomonas aeruginosa-Induced Human Mast Cell Apoptosis Is Associated with Up-Regulation of Endogenous Bcl-xL and Down-Regulation of Bcl-xL
Christopher E. Jenkins, Anna Szwastomich, Melanie R. Power, and Tong-Jun Lin

The IFN-Independent Response to Virus Particle Entry Provides a First Line of Antiviral Defense That Is Independent of TLRs and Retinoic Acid-Inducible Gene I
Patrick Paladino, Derek T. Cummings, Ryan S. Noyce, and Karen L. Mossman

A New Staphylococcal Anti-Inflammatory Protein That Antagonizes the Formyl Peptide Receptor-Like 1
Cristina Prat, Josanka Bestebrner, Carla J. C. de Haas, Jos A. G. van Strijp, and Kok P. M. van Kessel

Direct CD28 Costimulation Is Required for CD8+ T Cell-Mediated Resistance to an Acute Viral Disease in a Natural Host
Min Fang and Luis J. Sigal

An HLA-A2.1-Transgenic Rabbit Model to Study Immunity to Papillomavirus Infection
Jiafen Hu, Xuan Peng, Todd D. Schell, Lynn R. Budgeon, Nancy M. Cladel, and Neil D. Christensen

INFLAMMATION

The Tumor-Promoting Effect of TNF-α Involves the Induction of Secretory Leukocyte Protease Inhibitor Nick Devoogdt, Hilde Revets, Anne Kindt, Yuan Qing Liu, Patrick De Baetselier, and Gholamreza Hassanzadeh Ghassabeh

CXCL12 Limits Inflammation by Localizing Mononuclear Infiltrates to the Perivascular Space during Experimental Autoimmune Encephalomyelitis
Erin E. McCandless, Qiuling Wang, B. Mark Woerner, James M. Harper, and Robyn S. Klein

Attenuating Burn Wound Inflammatory Signaling Reduces Systemic Inflammation and Acute Lung Injury

Macrophage Migration Inhibitory Factor Induces Macrophage Recruitment via CC Chemokine Ligand 2
Julia L. Gregory, Eric F. Morand, Sonja J. McKewon, Jennifer A. Ralph, Pamela Hall, Yuan H. Yang, Shaun R. McColl, and Michael J. Hickey
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>8095</td>
<td>Translational Regulation of Autoimmune Inflammation and Lymphoma Genesis by Programmed Cell Death 4</td>
<td>Anja Hilliard, Brendan Hilliard, Shi-Jun Zheng, Honghong Sun, Takaaki Miwa, Wenchao Song, Rudiger Goede, and Youhai H. Chen</td>
</tr>
<tr>
<td>8103</td>
<td>A Requirement for Microglial TLR4 in Leukocyte Recruitment into Brain in Response to Lipopolysaccharide</td>
<td>Hong Zhou, Benoit M. Lapointe, Stephen R. Clark, Lori Zbytnuik, and Paul Kubes</td>
</tr>
<tr>
<td>8111</td>
<td>Cyclooxygenase-2 Gene Transcription in a Macrophage Model of Inflammation</td>
<td>Yeon-Joo Kang, Byron A. Wingard, Toshi Arakawa, and William L. Smith</td>
</tr>
<tr>
<td>8123</td>
<td>Neutrophils Are a Key Component of the Antitumor Efficacy of Topical Chemotherapy with Ingenol-3-Angelate</td>
<td>Jodie M. Challacombe, Andreas Subrhien, Peter G. Parsons, Brad Jones, Peter Hampson, Dean Kavanaugh, G. Ed Rainer, Melanie Morris, Janet M. Lord, Thuy T. T. Le, Diem Hoang-Le, and Steven M. Ogbourne</td>
</tr>
<tr>
<td>8133</td>
<td>Recombinant Soluble Forms of Extracellular TLR4 Domain and MD-2 Inhibit Lipopolysaccharide Binding on Cell Surface and Dampen Lipopolysaccharide-Induced Pulmonary Inflammation in Mice</td>
<td>Hiroaki Mitsuizawa, Chiaki Nishitani, Naoki Hyakushima, Takeyuki Shimizu, Hitomi Sano, Norio Matsuibama, Koichi Fukase, and Yoshio Kuriki</td>
</tr>
<tr>
<td>8148</td>
<td>Annexin 1 Negatively Regulates IL-6 Expression via Effects on p38 MAPK and MAPK Phosphatase-1</td>
<td>Yuan H. Yang, Myeu-Ling Toh, Colin D. Clyne, Michelle Leech, Daniel Aeberti, Jin Xue, April Dacumos, Laveena Sharma, and Eric F. Morand</td>
</tr>
<tr>
<td>8154</td>
<td>The Role of TLR2 In Vivo following Challenge with Staphylococcus aureus and Prototypic Ligands</td>
<td>Sarah C. Mullady and Paul Kubes</td>
</tr>
<tr>
<td>8164</td>
<td>Oligodeoxynucleotides Differentially Modulate Activation of TLR7 and TLR8 by Imidazoquinolines</td>
<td>Keith K. B. Garden, Xiaobing Qin, John J. L. Battiste, Paul P. D. Wightman, John P. Vasilakos, and Sefik S. Alkan</td>
</tr>
<tr>
<td>8171</td>
<td>Plasminogen Activator Inhibitor Type-1-Deficient Mice Have an Enhanced IFN-γ Response to Lipopolysaccharide and Staphylococcal Enterotoxin B</td>
<td>Rosemarijn Renckens, Jennie M. Fater, and Tom van der Poll</td>
</tr>
</tbody>
</table>

**CLINICAL IMMUNOLOGY**

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>8185</td>
<td>Antigen-Specific Central Memory CD4 T Lymphocytes Produce Multiple Cytokines and Proliferate In Vivo in Humans</td>
<td>Muriel Stubbe, Nathalie Vanderheyde, Michel Goldman, and Arnaud Marchant</td>
</tr>
<tr>
<td>8191</td>
<td>CD8-Mediated Type 1 Antitumor Responses Selectively Modulate Endogenous Differentiated and Nondifferentiated T Cell Localization, Activation, and Function in Progressive Breast Cancer</td>
<td>Mark J. Dobroszinski, Joyce B. Reome, James C. Hyllin, and Kathleen A. Revers-Felkins</td>
</tr>
</tbody>
</table>
IRAK-4 Mutation (Q293X): Rapid Detection and Characterization of Defective Post-Transcriptional TLR/IL-1R Responses in Human Myeloid and Non-Myeloid Cells
Donald J. Davidson, Andrew J. Currie, Dawn M. E. Bowdish, Kelly L. Brown, Carrie M. Rosenberger, Rebecca C. Ma, Johan Bylund, Paul A. Campsall, Anne Puel, Capucine Picard, Jean-Laurent Casanova, Stuart E. Turvey, Robert E. W. Hancock, Rebecca S. Devon, and David P. Speert

Spontaneous CD8 T Cell Responses against the Melanocyte Differentiation Antigen RAB38/NY-MEL-1 in Melanoma Patients
Senta M. Walton, Marco Gerlinger, Olga de la Rosa, Natko Nuber, Ashley Knights, Anna Gati, Monika Laumer, Laura Straus, Carolin Exner, Niklaus Schäfer, Mirjana Urosevic, Reinhard Dummer, Jean-Marie Tiery, Andreas Mackensen, Elke Jaeger, Frédéric Lévy, Alexander Knuth, Dirk Jäger, and Alfred Zippelius

Antibodies against the Activated Coagulation Factor X (FXa) in the Antiphospholipid Syndrome That Interfere with the FXa Inactivation by Antithrombin
Yao-Hsu Yang, Kwan-Ki Huang, John FitzGerald, Jennifer M. Grossman, Mihaela Taylor, Bevra H. Hahn, and Pojen P. Chen

Synovial Autoreactive T Cells in Rheumatoid Arthritis Resist IDO-Mediated Inhibition
Lingqiao Zhu, Fang Ji, Yuan Wang, Yi Zhang, Qiang Liu, Jingwu Z. Zhang, Kouji Matsushima, Qi Cao, and Yanyun Zhang

Mimicry and Antibody-Mediated Cell Signaling in Autoimmune Myocarditis
Ya Li, Janet S. Heuser, Luke C. Cunningham, Stanley D. Koanke, and Madeleine W. Cunningham

Coadministration of Plasmid DNA Constructs Encoding an Encephalitogenic Determinant and IL-10 Elicits Regulatory T Cell-Mediated Protective Immunity in the Central Nervous System
Sagie Schif-Zuck, Gizi Wildbaum, and Nathan Karin

Stability and Translation of TCR \( \xi \) mRNA Are Regulated by the Adenosine-Uridine-Rich Elements in Splice-Deleted 3’ Untranslated Region of \( \xi \)-Chain
Bhabadeb Chowdhury, Sandeep Krishnan, Christos G. Tsokos, James W. Robertson, Carolyn U. Fisher, Madhusoodana P. Nambiar, and George C. Tsokos

Role for Nephritogenic T Cells in Lupus Glomerulonephritis: Progression to Renal Failure Is Accompanied by T Cell Activation and Expansion in Regional Lymph Nodes
Harini Bagavant, Umesh S. Deshmukh, Hongyang Wang, Timothy Ly, and Shu Man Fu

IL-22-Mediated Tumor Growth Reduction Correlates with Inhibition of ERK1/2 and AKT Phosphorylation and Induction of Cell Cycle Arrest in the G2-M Phase
Georg F. Weber, Florian C. Gaertner, Wolfgang Erl, Klaus-Peter Janssen, Birgit Blechert, Bernhard Holzmann, Heike Weighardt, and Markus Esler

Author Index

AAI Membership Application

AAI Trainee Membership Application