

CLINICAL AND VACCINE IMMUNOLOGY

Volume 17

January 2010

No. 1

INSTRUCTIONS TO AUTHORS

2010 Instructions to Authors

1–22

VACCINE RESEARCH

- Intranasal Immunization of Mice with a Bovine Respiratory Syncytial Virus Vaccine Induces Superior Immunity and Protection Compared to Those by Subcutaneous Delivery or Combinations of Intranasal and Subcutaneous Prime-Boost Strategies** John W. Mapletoft, Laura Latimer, Lorne A. Babiuk, and Sylvia van Drunen Littel-van den Hurk 23–35
- Block Copolymers Have Differing Adjuvant Effects on the Primary Immune Response Elicited by Genetic Immunization and on Further Induced Allergy** Karine Adel-Patient, Laetitia Pothelune, Sandrine Ah-Leung, Jean-Michel Wal, Christophe Créminon, and Jean-Marc Chatel 36–42
- Physical and Chemical Characterization and Immunologic Properties of *Salmonella enterica* Serovar Typhi Capsular Polysaccharide-Diphtheria Toxoid Conjugates** Changfa Cui, Rodney Carbis, So Jung An, Hyun Jang, Cecil Czerkinsky, Shousun C. Szu, and John D. Clemens 73–79
- Evaluation of a Whole-Blood Cytokine Release Assay for Use in Measuring Endotoxin Activity of Group B *Neisseria meningitidis* Vaccines Made from Lipid A Acylation Mutants** Mark B. Stoddard, Valerian Pinto, Paul B. Keiser, and Wendell Zollinger 98–107
- Correlation between Bioluminescence and Bacterial Burden in Passively Protected Mice Challenged with a Recombinant Bioluminescent M49 Group A Streptococcus Strain** Meru Sheel, Manisha Pandey, Michael F. Good, and Michael R. Batzloff 127–133
- Evaluation of Pneumococcal Polysaccharide Immunoassays Using a 22F Adsorption Step with Serum Samples from Infants Vaccinated with Conjugate Vaccines** Jan T. Poolman, Carl E. Frasch, Helena Käyhty, Pascal Lestrade, Shabir A. Madhi, and Isabelle Henckaerts 134–142
- Immunological Factors Relating to the Antitumor Effect of Temozolomide Chemoimmunotherapy in a Murine Glioma Model** Tai-Gyu Kim, Chang-Hyun Kim, Jung-Sun Park, Sung-Dong Park, Chung Kwon Kim, Dong-Sup Chung, and Yong-Kil Hong 143–153
- Kinetics of Antibody Persistence following Administration of a Combination Meningococcal Serogroup C and *Haemophilus influenzae* Type b Conjugate Vaccine in Healthy Infants in the United Kingdom Primed with a Monovalent Meningococcal Serogroup C Vaccine** Ray Borrow, Nick Andrews, Helen Findlow, Pauline Waight, Joanna Southern, Annette Crowley-Luke, Lorraine Stapley, Anna England, Jamie Findlow, and Elizabeth Miller 154–159
- Identification of Western Equine Encephalitis Virus Structural Proteins That Confer Protection after DNA Vaccination** Penelope J. Gauci, Josh Q. H. Wu, George A. Rayner, Nicole D. Barabé, Leslie P. Nagata, and David F. Proll 176–179
- Long-Term Observation of Subunit Vaccine F1-rV270 against *Yersinia pestis* in Mice** Zuyun Wang, Lei Zhou, Zhizhen Qi, Qingwen Zhang, Ruixia Dai, Yonghai Yang, Baizhong Cui, Hu Wang, Ruifu Yang, and Xiaoyi Wang 199–201

Continued on following page

IMMUNE MECHANISMS

- Adjuvant Effects for Oral Immunization Provided by Recombinant *Lactobacillus casei* Secreting Biologically Active Murine Interleukin-1 β** Akinobu Kajikawa, Kazuya Masuda, Mitsunori Katoh, and Shizunobu Igimi 43–48

MICROBIAL IMMUNOLOGY

- Immunomodulatory Effects of *Yersinia pestis* Lipopolysaccharides on Human Macrophages** Motohiro Matsuura, Hideyuki Takahashi, Haruo Watanabe, Shinji Saito, and Kazuyoshi Kawahara 49–55

- Recrudescence of *Campylobacter jejuni* Infection in an Immunocompetent Adult following Experimental Infection with a Well-Characterized Organism** Shahida Baqar, David R. Tribble, Marya Carmolli, Katrin Sadigh, Frederic Poly, Chad Porter, Catherine J. Larsson, Kristen K. Pierce, Patricia Guerry, Campylobacter Study Team, Michael Darsley, and Beth Kirkpatrick 80–86

- Molecular Characterization of Antibody Epitopes of *Ehrlichia chaffeensis* Ankyrin Protein 200 and Tandem Repeat Protein 47 and Evaluation of Synthetic Immunodeterminants for Serodiagnosis of Human Monocytotropic Ehrlichiosis** Tian Luo, Xiaofeng Zhang, William L. Nicholson, Bing Zhu, and Jere W. McBride 87–97

- Comparison of Three Antigenic Extracts of *Eurotium amstelodami* in Serological Diagnosis of Farmer's Lung Disease** Sandrine Roussel, Gabriel Reboux, Bénédicte Rognon, Michel Monod, Frédéric Grenouillet, Manfredo Quadroni, Jean-Marc Fellrath, John-David Aubert, Jean-Charles Dalphin, and Laurence Millon 160–167

VETERINARY IMMUNOLOGY

- Identification of Immune Parameters To Differentiate Disease States among Sheep Infected with *Mycobacterium avium* subsp. *paratuberculosis*** Sonia Gillan, Rory O'Brien, Alan D. Hughes, and J. Frank T. Griffin 108–117

- Detection of Antibodies against Norovirus Genogroup GIV in Carnivores** Barbara Di Martino, Fulvio Marsilio, Federica Di Profio, Eleonora Lorusso, Klaus G. Friedrich, Canio Buonavoglia, and Vito Martella 180–182

- Use of a Baculovirus-Expressed Structural Protein for the Detection of Antibodies to Foot-and-Mouth Disease Virus Type A by a Blocking Enzyme-Linked Immunosorbent Assay** Young-Joon Ko, Hyang-Sim Lee, Hye-Young Jeoung, Eun-Jeong Heo, Hyo-Rim Ko, Byung-Sik Chang, Hoo-Don Joo, U. Gerelmaa, B. Dashzeveg, S. Tserendorj, R. Sodnomdarjaa, Jong-Hyeon Park, Chang-Hee Kweon, In-Soo Cho, and Sang-Gi Paik 194–198

CLINICAL LABORATORY IMMUNOLOGY

- Removal of Species Constraints in Antibody Detection** Alison Jane Basile, Brad J. Biggerstaff, Olga L. Kosoy, Shilpa R. Junna, Nicholas A. Panella, Ann M. Powers, Lillian M. Stark, and Nicole M. Nemeth 56–61

- Validation and Clinical Application of a Molecular Method for Identification of *Histoplasma capsulatum* in Human Specimens in Colombia, South America** Cesar Muñoz, Beatriz L. Gómez, Angela Tobón, Karen Arango, Angela Restrepo, Margarita M. Correa, Carlos Muskus, Luz Elena Cano, and Angel González 62–67

Multiantigen Print Immunoassay for Comparison of Diagnostic Antigens for <i>Taenia solium</i> Cysticercosis and Taeniasis	Sukwan Handali, Molly Klarman, Amanda N. Gaspard, John Noh, Yeuk-Mui Lee, Silvia Rodriguez, Armando E. Gonzalez, Hector H. Garcia, Robert H. Gilman, Victor C. W. Tsang, and Patricia P. Wilkins	68–72
Clinical and Immunological Insights on Severe, Adverse Neurotropic and Viscerotropic Disease following 17D Yellow Fever Vaccination	Maria Luiza Silva, Luçandra Ramos Espírito-Santo, Marina Angela Martins, Denise Silveira-Lemos, Vanessa Peruhype-Magalhães, Ricardo Carvalho Caminha, Péricles de Andrade Maranhão-Filho, Maria Auxiliadora-Martins, Reinaldo de Menezes Martins, Ricardo Galler, Marcos da Silva Freire, Rugimar Marcovistz, Akira Homma, Dirk E. Teuwen, Silvana Maria Elói-Santos, Mariléia Chaves Andrade, Andréa Teixeira-Carvalho, and Olindo Assis Martins-Filho	118–126
Peptide Microarray-Based Identification of <i>Mycobacterium tuberculosis</i> Epitope Binding to HLA-DRB1*0101, DRB1*1501, and DRB1*0401	Simani Gaseitsiwe, Davide Valentini, Shahnaz Mahdaviifar, Marie Reilly, Anneka Ehrnst, and Markus Mæurer	168–175
Evaluation of Two Immunoblot Assays and a Western Blot Assay for the Detection of Antisiphilis Immunoglobulin G Antibodies	Ryan J. Welch and Christine M. Litwin	183–184
Elimination of False-Positive Results in a Luminex Assay for Pneumococcal Antibodies	Jerry W. Pickering, Matthew T. Larson, Thomas B. Martins, Susan S. Cople, and Harry R. Hill	185–189
Antibodies against Structural and Nonstructural Proteins of Human Bocavirus in Human Sera	Reza Shirkoohi, Rika Endo, Nobuhisa Ishiguro, Shinobu Teramoto, Hideaki Kikuta, and Tadashi Ariga	190–193
LETTER TO THE EDITOR		
Serum (1→3)-β-D-Glucan Assay for the Diagnosis of <i>Pneumocystis jiroveci</i> Pneumonia	<i>Letter:</i> Amalia del Palacio, Maria Soledad Cuétara, Jara Llenas-García, Maria Elena Alvarez, Fernando Chaves, Federico Pulido, Mercedes Catalán, and José Pontón. <i>Reply:</i> Valerio Del Bono, and Claudio Viscoli	202–203
ERRATUM		
Safety and Immunogenicity of the Merck Adenovirus Serotype 5 (MRKAd5) and MRKAd6 Human Immunodeficiency Virus Type 1 Trigenic Vaccines Alone and in Combination in Healthy Adults	Clayton Harro, Xiao Sun, Jon E. Stek, Randi Y. Leavitt, Devan V. Mehrotra, Fubao Wang, Andrew J. Bett, Danilo R. Casimiro, John W. Shiver, Mark J. DiNubile, and Erin Quirk for the Merck V526-001 Study Group	204