

# CLINICAL AND VACCINE IMMUNOLOGY

Volume 13

November 2006

No. 11

## VACCINE RESEARCH

- Generation of Mucosal Anti-Human Immunodeficiency Virus Type 1 T-Cell Responses by Recombinant *Mycobacterium smegmatis*** Jae-Sung Yu, James W. Peacock, Stacie Vanleeuwen, Tsungda Hsu, William R. Jacobs, Jr., Mark J. Cayabyab, Norman L. Letvin, Richard Frothingham, Herman F. Staats, Hua-Xin Liao, and Barton F. Haynes 1204–1211
- Macaque Multimeric Soluble CD40 Ligand and GITR Ligand Constructs Are Immunostimulatory Molecules In Vitro** Geoffrey W. Stone, Suzanne Barzee, Victoria Snarsky, Celsa A. Spina, Jeffrey D. Lifson, Vinod Kumar Bhaskara Pillai, Rama Rao Amara, François Villinger, and Richard S. Kornbluth 1223–1230
- A DNA Vaccine for Ebola Virus Is Safe and Immunogenic in a Phase I Clinical Trial** Julie E. Martin, Nancy J. Sullivan, Mary E. Enama, Ingelise J. Gordon, Mario Roederer, Richard A. Koup, Robert T. Bailer, Bimal K. Chakrabarti, Michael A. Bailey, Phillip L. Gomez, Charla A. Andrews, Zoe Moodie, Lin Gu, Judith A. Stein, Gary J. Nabel, Barney S. Graham, and the VRC 204 Study Team 1267–1277

## CELLULAR IMMUNOLOGY, ANTIBODIES, AND MEDIATORS OF IMMUNITY

- Effect of Oral Administration of *Butyrivibrio fibrisolvens* MDT-1 on Experimental Enterocolitis in Mice** Sou Ohkawara, Hideki Furuya, Kousuke Nagashima, Narito Asanuma, and Tsuneo Hino 1231–1236
- Analysis of Plasmacytoid and Myeloid Dendritic Cells in Nasal Epithelium** Evelyn Hartmann, Hendrik Graefe, Anne Hopert, Ralph Pries, Simon Rothenfusser, Hendrik Poeck, Brigitte Mack, Stefan Endres, Gunther Hartmann, and Barbara Wollenberg 1278–1286
- Compartmentalization of Interleukin-6 Response in a Patient with Septic Meningococcal Peritonitis** Alexandre Leite de Souza, Jaques Sztajnbock, Maristela Marques Salgado, Carla C. Romano, Maria das Graças Adelino Alkmin, Alberto J. S. Duarte, and Antonio Carlos Seguro 1287–1290
- Association of Selective HLA Class II Susceptibility-Confering and Protective Haplotypes with Type 2 Diabetes in Patients from Bahrain and Lebanon** Wassim Y. Almawi, Saria F. Wakim-Ghorayeb, Mona R. Arekat, Pierre Najm, Sose H. Keleshian, Nasreen Al-Sayed, Bruno Blanchon, Hanady R. Samaha, and Noha Irani-Hakime 1296–1298

Continued on following page

## MICROBIAL IMMUNOLOGY

- |  |  |           |
|--|--|-----------|
| <b>National Serosurvey of Cytomegalovirus in Australia</b>   | Holly Seale, C. Raina MacIntyre, Heather F. Gidding, J. L. Backhouse, Dominic E. Dwyer, and Lyn Gilbert  | 1181-1184 |
| <b>Confirmation of Tick Bite by Detection of Antibody to <i>Ixodes</i> Calreticulin Salivary Protein</b> | Francisco Alarcon-Chaidez, Raymond Ryan, Stephen Wikel, Kenneth Dardick, Caroline Lawler, Ivo M. Foppa, Patricio Tomas, Alexis Cushman, Ann Hsieh, Andrew Spielman, Keith R. Bouchard, Filiciano Dias, Jaber Aslanzadeh, and Peter J. Krause | 1217-1222 |
| <b>Human Immunodeficiency Virus Persistence and Production in T-Cell Development</b>                     | Kevin B. Gurney and Christel H. Uittenbogaart  | 1237-1245 |

## VETERINARY IMMUNOLOGY

- |  |  |           |
|--|--|-----------|
| <b>Validation of a Competitive Enzyme-Linked Immunosorbent Assay for Detection of Antibodies against <i>Babesia bovis</i></b>  | Will L. Goff, John B. Molloy, Wendell C. Johnson, Carlos E. Suarez, Ignacio Pino, Abdelkebir Rhalem, Hamid Sahibi, Luigi Ceci, Grazia Carelli, D. Scott Adams, Travis C. McGuire, Donald P. Knowles, and Terry F. McElwain | 1212-1216 |
| <b>Recombinant Bovine Herpesvirus 4 (BoHV-4) Expressing Glycoprotein D of BoHV-1 Is Immunogenic and Elicits Serum-Neutralizing Antibodies against BoHV-1 in a Rabbit Model</b> | Gaetano Donofrio, Sandro Cvirani, Alain Vanderplasschen, Laurent Gillet, and Cesidio Filippo Flammini  | 1246-1254 |
| <b>Immunostimulatory Effects of the Anionic Alkali Mineral Complex BARODON on Equine Lymphocytes</b>   | Hye Cheong Koo, Seung-Ho Ryu, Hyung Jin Ahn, Woo Kyung Jung, Young Kyung Park, Nam Hoon Kwon, So Hyun Kim, Jun Man Kim, Byung Woo Yoo, Soo Il Choi, William C. Davis, and Yong Ho Park                                     | 1255-1266 |

## CLINICAL AND DIAGNOSTIC LABORATORY IMMUNOLOGY

- |  |  |           |
|--|--|-----------|
| <b>Evaluation of an Enzyme Immunoassay for Detection of Dengue Virus NS1 Antigen in Human Serum</b>          | Philippe Dussart, Bhety Labeau, Gisèle Lagathu, Philippe Louis, Marcio R. T. Nunes, Sueli G. Rodrigues, Cécile Storck-Herrmann, Raymond Cesaire, Jacques Morvan, Marie Flamand, and Laurence Baril | 1185-1189 |
| <b>Secondary Serological Response of Patients with Chronic Hepatosplenic Suppurative Brucellosis</b>         | R. Díaz, J. Ariza, I. Alberola, A. Casanova, and M. F. Rubio   | 1190-1196 |
| <b>Measurement of Plasma-Derived Substance P: Biological, Methodological, and Statistical Considerations</b> | Donald E. Campbell, Nancy Raftery, Richard Tustin III, Nancy B. Tustin, Michelle L. DeSilvio, Avital Cnaan, Pyone Pyone Aye, Andrew A. Lackner, and Steven D. Douglas                              | 1197-1203 |

*Continued from preceding page*

***Mycobacterium tuberculosis* Malate Synthase- and MPT51-  
Based Serodiagnostic Assay as an Adjunct to Rapid  
Identification of Pulmonary Tuberculosis**

Jacqueline M. Achkar, Yuxin Dong,  
Robert S. Holzman, John Belisle,  
Irene S. Kourbeti, Tsering Sherpa,  
Rany Condos, William N. Rom, and  
Suman Laal

1291–1293

**Dark Immunofluorescence: Correlation with Serum  
Immunoglobulin Abnormalities**

J. List, M. S. Buckland, B.  
Thobhani, C. J. Sheed, J. C. Mann,  
M. Claxton, and B. Heelan

1294–1295