

CLINICAL AND VACCINE IMMUNOLOGY

Volume 18

September 2011

No. 9

VACCINE RESEARCH

- Immunogenicity, Boostability, and Sustainability of the Immune Response after Vaccination against Influenza A Virus (H1N1) 2009 in a Healthy Population** Elisabeth Huijskens, John Rossen, Paul Mulder, Ruud van Beek, Hennie van Vugt, Johannes Verbakel, Guus Rimmelzwaan, Marion Koopmans, and Marcel Peeters 1401–1405
- Impaired Humoral Response to Vaccines among HIV-Exposed Uninfected Infants** Beatriz Mariana Abramczuk, Taís Nitsch Mazzola, Yara Maria Franco Moreno, Tatiane Queiroz Zorzeto, Wagner Quintilio, Paulo Silva Wolf, Maria Heloisa Blotta, André Moreno Morcillo, Marcos Tadeu Nolasco da Silva, and Maria Marluce dos Santos Vilela 1406–1409
- Meningococcal Group C and W135 Immunological Hyporesponsiveness in African Toddlers** Helen Findlow, Samba Sow, Ray Borrow, Milagritos Tapia, Fadima Cheick Haidara, Adebayo K. Akinsola, Olubukola T. Idoko, Fatoumata Diallo, Richard Adegbola, Yuxiao Tang, Varsha Parulekar, Helen Chadha, Lesley Mabey, Daniel Holme, Kelly Townsend, Julie Chaumont, F. Marc LaForce, Prasad S. Kulkarni, Elisa Marchetti, Simonetta Viviani, Musa Hassan-King, and Marie-Pierre Preziosi 1492–1496
- Bursopentine as a Novel Immunoadjuvant Enhances both Humoral and Cell-Mediated Immune Responses to Inactivated H9N2 Avian Influenza Virus in Chickens** Deyuan Li, Maoyun Xue, Chen Wang, Junbao Wang, and Puyan Chen 1497–1502
- Long-Term Immunogenicity after One and Two Doses of a Monovalent MF59-Adjuvanted A/H1N1 Influenza Virus Vaccine Coadministered with the Seasonal 2009-2010 Nonadjuvanted Influenza Virus Vaccine in HIV-Infected Children, Adolescents, and Young Adults in a Randomized Controlled Trial** Alessandra Viganò, Vania Giacomet, Elena Pariani, Elisa Giani, Valeria Manfredini, Giorgio Bedogni, Paola Erba, Antonella Amendola, Alessandro Zanetti, and Gianvincenzo Zuccotti 1503–1509
- Randomized Trial of the Immunogenicity and Safety of the Hepatitis B Vaccine Given in an Accelerated Schedule Coadministered with the Human Papillomavirus Type 16/18 AS04-Adjuvanted Cervical Cancer Vaccine** Geert Leroux-Roels, Edwige Haelterman, Cathy Maes, Jack Levy, Fien De Boever, Laurent Licini, Marie-Pierre David, Kurt Dobbelaere, and Dominique Descamps 1510–1518
- Reduced Antibody Responses to the Pandemic (H1N1) 2009 Vaccine after Recent Seasonal Influenza Vaccination** Yoon Seok Choi, Yun Hee Baek, Wonseok Kang, Seung Joo Nam, Jino Lee, Sooseong You, Dong-Yeop Chang, Jong-Chan Youn, Young Ki Choi, and Eui-Cheol Shin 1519–1523

Continued on following page

<i>Mycobacterium bovis</i> BCG-Mediated Protection against W-Beijing Strains of <i>Mycobacterium tuberculosis</i> Is Diminished Concomitant with the Emergence of Regulatory T Cells	Diane J. Ordway, Shaobin Shang, Marcela Henao-Tamayo, Andres Obregon-Henao, Laura Nold, Megan Caraway, Crystal A. Shanley, Randall J. Basaraba, Colleen G. Duncan, and Ian M. Orme	1527–1535
Neutralizing Activity of Saliva against Cytomegalovirus	Frances M. Saccoccio, Mary K. Gallagher, Stuart P. Adler, and Michael A. McVoy	1536–1542
Mucosal Immunization with a <i>Staphylococcus aureus</i> IsdA-Cholera Toxin A₂/B Chimera Induces Antigen-Specific Th2-Type Responses in Mice	Britni M. Arlian and Juliette K. Tinker	1543–1551
Comparison of Plasmid Vaccine Immunization Schedules Using Intradermal <i>In Vivo</i> Electroporation	David Hallengård, B. Kristian Haller, Anna-Karin Maltais, Eva Gelius, Kopek Nihlmark, Britta Wahren, and Andreas Bråve	1577–1581
Subcutaneous Immunization with Baculovirus Surface-Displayed Hemagglutinin of Pandemic H1N1 Influenza A Virus Induces Protective Immunity in Mice	Mookkan Prabakaran, Tao Meng, Fang He, Tan YunRui, Jia Qiang, Raymond Tzer Pin Lin, and Jimmy Kwang	1582–1585
IMMUNE MECHANISMS		
Reduced Degranulation of NK Cells in Patients with Frequently Recurring Herpes	Vladimir V. Murugin, Irina N. Zuikova, Nina E. Murugina, Andrey E. Shulzhenko, Boris V. Pinegin, and Mikhail V. Pashenkov	1410–1415
Cellular Infiltration and Cytokine Expression Correlate with Fistulizing State in Crohn's Disease	Saleh A. Naser, Claudia Romero, Princess Urbina, Najih Naser, and John Valentine	1416–1419
Effects of Progesterone and Estradiol Sex Hormones on the Release of Microparticles by RAW 264.7 Macrophages Stimulated by Poly(I:C)	David S. Pisetsky and Diane M. Spencer	1420–1426
MICROBIAL IMMUNOLOGY		
Antibodies to Lytic Infection Proteins in Lymphocryptovirus-Infected Rhesus Macaques: a Model for Humoral Immune Responses to Epstein-Barr Virus Infection	Nina Orlova, Mark H. Fogg, Angela Carville, and Fred Wang	1427–1434
HLA-Associated Hemorrhagic Fever with Renal Syndrome Disease Progression in Slovenian Patients	Miša Korva, Ana Saksida, Sabina Kunilo, Blanka Vidan Jeras, and Tatjana Avšič-Županc	1435–1440
Adeno-Associated Virus Antibody Profiles in Newborns, Children, and Adolescents	Roberto Calcedo, Hiroki Morizono, Lili Wang, Robert McCarter, Jianping He, David Jones, Mark L. Batshaw, and James M. Wilson	1586–1588
VETERINARY IMMUNOLOGY		
Varying Effects of Different β-Glucans on the Maturation of Porcine Monocyte-Derived Dendritic Cells	Eva Sonck, Bert Devriendt, Bruno Goddeeris, and Eric Cox	1441–1446
Oral Treatment of Chickens with Lactobacilli Influences Elicitation of Immune Responses	Jennifer T. Brisbin, Joshua Gong, Shahriar Orouji, Jessica Esufali, Amirul I. Mallick, Payvand Parvizi, Patricia E. Shewen, and Shayan Sharif	1447–1455

Use of a Recombinant <i>Burkholderia</i> Intracellular Motility A Protein for Immunodiagnosis of Glanders	Subodh Kumar, Praveen Malik, Shailendra Kumar Verma, Vijai Pal, Vandana Gautam, Chiranjay Mukhopadhyay, and Ganga Prasad Rai	1456–1461
Isolation of Potentially Useful Antigens from <i>Cyathostomin</i> Third-Stage Larvae by Using a Fast Protein Liquid Chromatography One-Step Method	A. Paz-Silva, R. Francisco, I. Rodríguez, I. Francisco, C. F. Cazapal-Monteiro, M. S. Arias, J. L. Suárez, and R. Sánchez-Andrade	1462–1466
Diverse Cytokine Profile from Mesenteric Lymph Node Cells of Cull Cows Severely Affected with Johne's Disease	Dairu Shu, Supatsak Subharat, D. Neil Wedlock, Dongwen Luo, Geoffrey W. de Lisle, and Bryce M. Buddle	1467–1476
CLINICAL LABORATORY IMMUNOLOGY		
Persistence of Rabies Antibody 5 Years after Postexposure Prophylaxis with Vero Cell Antirabies Vaccine and Antibody Response to a Single Booster Dose	Xiaowei Zhang, Zhenggang Zhu, and Chuanlin Wang	1477–1479
Performance of a Rapid and Simple HIV Testing Algorithm in a Multicenter Phase III Microbicide Clinical Trial	Tania Crucitti, Doug Taylor, Greet Beelaert, Katrien Fransen, and Lut Van Damme	1480–1485
Use of Sindbis/Eastern Equine Encephalitis Chimeric Viruses in Plaque Reduction Neutralization Tests for Arboviral Disease Diagnostics	B. W. Johnson, O. Kosoy, E. Wang, M. Delorey, B. Russell, R. A. Bowen, and S. C. Weaver	1486–1491
Evaluation of the Bio-Rad BioPlex Measles, Mumps, Rubella, and Varicella-Zoster Virus IgG Multiplex Bead Immunoassay	Matthew J. Binnicker, Deborah J. Jespersen, and Leonard O. Rollins	1524–1526
Novel Epitopic Region of Glucosyltransferase B from <i>Streptococcus mutans</i>	Tomonori Hoshino, Yoshio Kondo, Kan Saito, Yutaka Terao, Nobuo Okahashi, Shigetada Kawabata, and Taku Fujiwara	1552–1561
Antibody Profiling of <i>Borrelia burgdorferi</i> Infection in Horses	Peter D. Burbelo, Kathleen E. Bren, Kathryn H. Ching, Adam Coleman, Xiuli Yang, Toru Kariu, Michael J. Iadarola, and Utpal Pal	1562–1567
Monoclonal Antibodies to Hyphal Exoantigens Derived from the Opportunistic Pathogen <i>Aspergillus terreus</i>	Ajay P. Nayak, Brett J. Green, Erika Janotka, Justin M. Hettick, Sherri Friend, Steve J. Vesper, Detlef Schmechel, and Donald H. Beezhold	1568–1576
LETTER TO THE EDITOR		
Irregular Poliovirus Vaccination Correlates to Pulmonary Edema of Hand, Foot, and Mouth Disease	Chaoyang Deng, Chunfu Yang, Junfeng Wan, Liye Zhu, and Qibin Leng	1589–1590
ERRATUM		
Oral and Nasal DNA Vaccines Delivered by Attenuated <i>Salmonella enterica</i> Serovar Typhimurium Induce a Protective Immune Response against Infectious Bronchitis in Chickens	Hongmei Jiao, Zhiming Pan, Yuelan Yin, Shizhong Geng, Lin Sun, and Xinan Jiao	1591