

TABLE OF CONTENTS

VACCINES

- | | | |
|--|--|---------|
| Protective Efficacy of the Conserved NP, PB1, and M1 Proteins as Immunogens in DNA- and Vaccinia Virus-Based Universal Influenza A Virus Vaccines in Mice | Wenling Wang, Renqing Li, Yao Deng, Ning Lu, Hong Chen, Xin Meng, Wen Wang, Xiuping Wang, Kexia Yan, Xiangrong Qi, Xiangmin Zhang, Wei Xin, Zhenhua Lu, Xueren Li, Tao Bian, Yingying Gao, Wenjie Tan, Li Ruan | 618–630 |
| Comparison of Two Commercial Type 1 Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) Modified Live Vaccines against Heterologous Type 1 and Type 2 PRRSV Challenge in Growing Pigs | Taeyeon Kim, Changhoon Park, Kyuhyung Choi, Jiwoon Jeong, Ikjae Kang, Su-Jin Park, Chanhee Chae | 631–640 |
| Genotype Considerations for Virus-Like Particle-Based Bivalent Norovirus Vaccine Composition | Maria Malm, Kirsi Tamminen, Suvi Lappalainen, Hanni Uusi-Kerttula, Timo Vesikari, Vesna Blazevic | 656–663 |

CLINICAL IMMUNOLOGY

- | | | |
|--|--|---------|
| Gammaretrovirus-Specific Antibodies in Free-Ranging and Captive Namibian Cheetahs | Annika Krengel, Valentino Cattori, Marina L. Meli, Bettina Wachter, Jürg Böni, Leslie R. Bisset, Susanne Thalwitzer, Jörg Melzheimer, Mark Jago, Regina Hofmann-Lehmann, Heribert Hofer, Hans Lutz | 611–617 |
| Normal Free Interleukin-18 (IL-18) Plasma Levels in Dengue Virus Infection and the Need To Measure Both Total IL-18 and IL-18 Binding Protein Levels | Meta Michels, Quirijn de Mast, Mihai G. Netea, Leo A. Joosten, Charles A. Dinarello, Pandji I. F. Rudiman, Sylvia Sinarta, Rudi Wisaksana, Bacht Alisjahbana, André J. A. M. van der Ven | 650–655 |
| Dysregulation of Serum Gamma Interferon Levels in Vascular Chronic Q Fever Patients Provides Insights into Disease Pathogenesis | Jeroen L. A. Pennings, Marjolein N. T. Kremers, Hennie M. Hodemaekers, Julia C. J. P. Hagens, Olivier H. J. Koning, Nicole H. M. Renders, Mirjam H. A. Hermans, Arja de Klerk, Daan W. Notermans, Peter C. Wever, Riny Janssen | 664–671 |
| Human Invasive Muscular Sarcocystosis Induces Th2 Cytokine Polarization and Biphasic Cytokine Changes, Based on an Investigation among Travelers Returning from Tioman Island, Malaysia | Dennis Tappe, Günther Slesak, José Vicente Pérez-Girón, Johannes Schäfer, Andreas Langeheinecke, Gudrun Just-Nübling, César Muñoz-Fontela, Kerstin Püllmann | 674–677 |

DIAGNOSTIC LABORATORY IMMUNOLOGY

- | | | |
|---|--|---------|
| Effects of Serial Skin Testing with Purified Protein Derivative on the Level and Quality of Antibodies to Complex and Defined Antigens in <i>Mycobacterium bovis</i>-Infected Cattle | W. Ray Waters, Mitchell V. Palmer, Molly R. Stafne, Kristin E. Bass, Mayara F. Maggioli, Tyler C. Thacker, Rick Linscott, John C. Lawrence, Jeffrey T. Nelson, Javan Esfandiari, Rena Greenwald, Konstantin P. Lyashchenko | 641–649 |
| Surveillance of Batai Virus in Bovines from Germany | Miriam Hofmann, Anke Wiethölter, Irena Blaha, Hanna Jöst, Patrick Heinemann, Maria Lehmann, Thomas Miller, Daniel Cadar, Tohru Yanase, Nils Kley, Martin Eiden, Martin Groschup, Jonas Schmidt-Chanasit | 672–673 |