

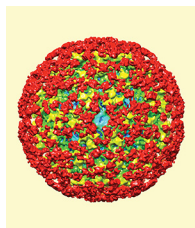


AMERICAN
SOCIETY FOR
MICROBIOLOGY

Clinical and Vaccine
Immunology®

CONTENTS • JULY 2017 • VOLUME 24, NO. 7

COVER IMAGE



Cover photograph: A malaria vaccine candidate, VLPM01, complexed with the Fab fragments (red) recognizing a malaria antigen. A three-dimensional cryo-electron microscopy map shows that VLPM01 displays 480 copies of a malaria antigen on the surface of a chikungunya virus-like particle. (See related article at e00090-17.) (Copyright © 2017 American Society for Microbiology. All Rights Reserved.)

SPOTLIGHT

Articles of Significant Interest Selected from This Issue by the Editors e00158-17

MINIREVIEW

Not All Antigens Are Created Equally: Progress, Challenges, and Lessons Associated with Developing a Vaccine for Leishmaniasis e00108-17

Malcolm S. Duthie, Steven G. Reed

MEETING HIGHLIGHTS

Waning Immunity and Microbial Vaccines—Workshop of the National Institute of Allergy and Infectious Diseases e00034-17

Xin-Xing Gu, Stanley A. Plotkin, Kathryn M. Edwards, Alessandro Sette, Kingston H. G. Mills, Ofer Levy, Andrea J. Sant, Annie Mo, William Alexander, Kristina T. Lu, Christopher E. Taylor

VACCINES

Identification of Protective B-Cell Epitopes within the Novel Malaria Vaccine Candidate *Plasmodium falciparum* Schizont Egress Antigen 1 e00068-17

Christina E. Nixon, Sangshin Park, Sunthorn Pond-Tor, Dipak Raj, Lynn E. Lambert, Sachy Orr-Gonzalez, Emma K. Barnafo, Kelly M. Rausch, Jennifer F. Friedman, Michal Fried, Patrick E. Duffy, Jonathan D. Kurtis

Development of a Novel Virus-Like Particle Vaccine Platform That Mimics the Immature Form of Alphavirus e00090-17

Akane Urakami, Atsuko Sakurai, Momoko Ishikawa, Moh Lan Yap, Yewel Flores-Garcia, Yasunari Haseda, Taiki Aoshi, Fidel P. Zavala, Michael G. Rossmann, Sachiko Kuno, Ryuji Ueno, Wataru Akahata

CLINICAL IMMUNOLOGY

Loss of Humoral and Cellular Immunity to Invasive Nontyphoidal *Salmonella* during Current or Convalescent *Plasmodium falciparum* Infection in Malawian Children e00057-17

Tonney S. Nyirenda, James T. Nyirenda, Dumizulu L. Tembo, Janet Storm, Queen Dube, Chisomo L. Msefula, Kondwani C. Jambo, Henry C. Mwandumba, Robert S. Heyderman, Melita A. Gordon, Wilson L. Mandala

DIAGNOSTIC LABORATORY IMMUNOLOGY

Human Neutrophil Lipocalin in Activated Whole Blood Is a Specific and Rapid Diagnostic Biomarker of Bacterial Infections in the Respiratory Tract e00064-17

Per Venge, Ann-Katrin Eriksson, Lena Douhan-Håkansson, Karlis Pauksen

Identification of Novel Seroreactive Antigens in Johne's Disease Cattle by Using the *Mycobacterium tuberculosis* Protein Array e00081-17

John P. Bannantine, Joseph J. Campo, Lingling Li, Arlo Randall, Jozelyn Pablo, Craig A. Praul, Juan Antonio Raygoza Garay, Judith R. Stabel, Vivek Kapur