Contents

Commentary

517 Bystander Effects: Children Who Escape Infection But Not Harm
Louise Kuhn, Donald M. Thea, and Grace M. Aldrovandi

Basic Science

519 Differentiation of Monocytes Into CD1a^+ Dendritic Cells Correlates With Disease Progression in HIV-Infected Patients
Alessandra Sacchi, Giulia Cappelli, Cristiana Cairo, Angelo Martino, Nunzia Sanarico, Gianpietro D’Offizi, Leopoldo Paolo Papilio, Henri Chenal, Gennaro De Libero, Vittorio Colizzi, and Silvia Vendetti

529 Redistribution of FOXP3-Positive Regulatory T Cells From Lymphoid Tissues to Peripheral Blood in HIV-Infected Patients
Ana Mazos, Marta Garrido, Joaquim Carreras, Montse Plana, Alba Diaz, Lluvia Alos, Elias Campo, Felipe Garcia, and Antonio Martinez

Clinical Science

538 Carraguard Vaginal Gel Safety in HIV-Positive Women and Men in South Africa
Janneke H. H. M. van de Wijgert, Sarah L. Braunstein, Neetha S. Morar, Heidi E. Jones, Lorna Madurai, Tammy T. Evans Strickfaden, Manivasan Moodley, Jamila Aboobaker, Gugulethu Ndlouv, Taja M. Ferguson, Barbara A. Friedland, Clyde E. Hart, and Gita Ramjee

(continued next page)
Contents (continued)

547 Racial Differences in Virologic Failure Associated With Adherence and Quality of Life on Efavirenz-Containing Regimens for Initial HIV Therapy: Results of ACTG A5095
Bruce R. Schackman, Heather J. Ribaudo, Amy Krambrink, Valery Hughes, Daniel R. Kuritzkes, and Roy M. Gulick

555 Directly Administered Antiretroviral Therapy for HIV-Infected Drug Users Does Not Have an Impact on Antiretroviral Resistance: Results From a Randomized Controlled Trial
Duncan Smith-Rohrberg Maru, Michael J. Kozal, R. Douglas Bruce, Sandra A. Springer, and Frederick L. Altice

564 HIV-Associated Alterations in Normal-Appearing White Matter: A Voxel-Wise Diffusion Tensor Imaging Study
Glenn T. Stebbins, Clifford A. Smith, Russell E. Bartt, Harold A. Kessler, Olufatoyin M. Adeyemi, Eileen Martin, Jennifer L. Cox, Roland Banmer, and Michael E. Moseley

574 Effects of a Behavioral Intervention on Antiretroviral Medication Adherence Among People Living With HIV: The Healthy Living Project Randomized Controlled Study
Mallory O. Johnson, Edwin Charlebois, Stephen F. Morin, Robert H. Remien, Margaret A. Chesney, and the National Institute of Mental Health Healthy Living Project Team

581 A Randomized, Multicenter, Open-Label Study of Poly-L-Lactic Acid for HIV-1 Facial Lipoatrophy
Dianne L. Carey, David Baker, Gary D. Rogers, Kathy Petoumenos, John Chuah, Nicole Eavey, Kirsty Machon, David A. Cooper, Sean Emery, and Andrew Carr for the Facial Lipoatrophy Study in HIV Investigators

Laura Waters, Andrew Kambugu, Hilda Tibenderana, David Meya, Laurence John, Sundhiya Mandalia, Maggie Nabankema, Irene Namugga, Thomas C. Quinn, Brian Gazzard, Steven J. Reynolds, and Mark Nelson

Fujie Zhang, Jessica E. Haberer, Yan Zhao, Zhihui Dou, Hongxin Zhao, Yun He, and Guang Hua Cao

Epidemiology and Social Science

599 Maternal Disease Stage and Child Undernutrition in Relation to Mortality Among Children Born to HIV-Infected Women in Tanzania
Anirban Chatterjee, Ronald J. Bosch, David J. Hunter, Maulidi R. Fataki, Gernard I. Msamanga, and Wafaie W. Fawzi

(continued next page)
Contents (continued)

607  Importance of Baseline Prognostic Factors With Increasing Time Since Initiation of Highly Active Antiretroviral Therapy: Collaborative Analysis of Cohorts of HIV-1–Infected Patients
Antiretroviral Therapy Cohort Collaboration

616  HIV Prevalence and Incidence in Rural Tanzania: Results From 10 Years of Follow-Up in an Open-Cohort Study
Mwita Wambura, Mark Urassa, Raphael Isingo, Milalu Nduge, Milly Marston, Emma Slavemaker, Julius Mngara, John Changalucha, Ties J. Boerma, and Basia Zaba

624  HIV-1 Infection in Patients Referred for Malaria Blood Smears at Government Health Clinics in Uganda

631  Risk Factors for Herpes Simplex Virus Type 2 and HIV Among Women at High Risk in Northwestern Tanzania: Preparing for an HSV-2 Intervention Trial
Deborah Watson-Jones, Helen A. Weiss, Mary Rusizoka, Kathy Baisley, Kokugonza Mugyeye, John Changalucha, Dean Everett, Rebecca Balira, Louise Knight, David Ross, and Richard J. Hayes

643  Circumcision Status and HIV Infection Among Black and Latino Men Who Have Sex With Men in 3 US Cities
Gregorio A. Millett, Helen Ding, Jennifer Lauby, Stephen Flores, Ann Stueve, Trista Bingham, Alex Carballo-Dieguez, Chris Murrill, Kai-Lih Liu, Darrell Wheeler, Adrian Liao, and Gary Marks

651  Brief Report: Subclinical Mastitis, Cell-Associated HIV-1 Shedding in Breast Milk, and Breast-Feeding Transmission of HIV-1
Serpi Kantarci, Irene N. Koulimska, Said Aboud, Wafaie W. Fawzi, and Eduardo Villanor

Letters to the Editor

655  Contribution of HIV to Mortality Among Injection Drug Users in the Era of HAART
Ryan Blades, Kathy Li, Thomas Kerr, Mark W. Tyndall, Julio S. G. Montaner, and Evan Wood

656  Response to “Persistence of Neuropsychologic Deficits Despite Long-Term Highly Active Antiretroviral Therapy in Patients With HIV-Related Neurocognitive Impairment”
Lucy Garvey, Emma C. Thomson, Janice Main, and Alan Winston

(continued next page)
Contents (continued)

657 Author’s Response to “Persistence of Neuropsychologic Deficits Despite Long-Term Highly Active Antiretroviral Therapy in Patients With HIV-Related Neurocognitive Impairment”
Valerio Tozzi, Pietro Balestra, Chrysoula Vlassi, and Maria Flora Salvatori

658 The Presence of a Caregiving Relative Implicated in the Administration of Antiretroviral Drug Administration Improves Virologic Response
Carlos Tornero, Alica Santamaria, and Eva Gil