HIV/AIDS: It’s Complicated  
2014 CFAR Science Symposium  
March 18, 2014  
Klamon Room, 8th Floor RSPH, CNR Building

8:15 AM  Opening Remarks

8:30 AM  
*Molecular Engineering of an Anti-HIV Lectin: Blocking Entry While Limiting the Damage*  
David Markovitz, MD  
Professor of Internal Medicine, Division of ID  
University of Michigan

9:10 AM  
*Zooming in on HIV-1 Entry: It’s Complicated*  
Greg Melikian, PhD,  
Professor of Pediatrics, Division of Infectious Disease  
Emory University

9:40 AM  
*Residual Immune Dysregulation in Treated HIV Infection*  
Mike Lederman, MD  
Scott R. Inkley Professor of Medicine and Co-Director  
Case Western Reserve CFAR

10:20 AM  
*Interleukin-21 Reduces Residual Immune Activation in ART-suppressed SIV-infected Macaques by Restoring Intestinal Th17 and Th22 Cells*  
Mirko Paiardini, PhD  
Assistant Professor of Pathology, and Researcher at Yerkes  
Emory University

10:50 AM  Break
11:00 AM

*HIV Prevention Today:*
What are the Unanswered Questions?
Jonathan Mermin, MD, MPH
Director, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention
Centers for Disease Control and Prevention

11:40 AM

*Why it Really Isn’t the ‘End of AIDS’:*
It’s Complicated
Wendy Armstrong, MD
Associate Professor of Medicine, Division of Infectious Disease
Emory University
Service Chief, Infectious Disease Program
Grady Hospital

12:10 PM

*Public Housing Relocations and HIV Risk*
Among High-risk Relocating Adults
Hannah Cooper, PhD
Associate Professor of Behavioral Science and Health Education
Emory University

12:40 Lunch Provided
1:10 PM

*Immunological Pathways for Development of HIV-1 Neutralizing Antibodies*

**John Mascola, MD**
Director, Dale and Betty Bumpers Vaccine Research Center
NIH/NIAID

1:50 PM

*Dissecting the Complexity of the Immune Response to Vaccines through Systems Biology*

**Bali Pulendran, PhD**
Charles Howard Candler Professor of Pathology & Laboratory Medicine
Emory University

2:20 PM

*Statistical Challenges and Solutions to Complexity in Observational Studies of HIV-1 Infection: How to get a Significant P-value when Standard Approaches Fail to Produce One*

**Sarah E. Holte, PhD,**
Director, Biometrics Core,
University of Washington CFAR
Principal Staff Scientist, Biostatistics and Biomathematics, Division of Public Health Sciences,
Fred Hutchinson Cancer Research Center
Affiliate Associate Professor, of Biostatistics & Global Health,
University of Washington

3:00 PM  Closing Remarks