**WEDNESDAY, NOVEMBER 10**

Grand Challenges Shared Session: Global Priorities in Reproductive Health Technologies/Applying a Transitional Lens to Global Health (7am Denver/Mountain Time Start)

**Caroline M. Mitchell**, Massachusetts General Hospital, USA  
Next Generation Therapeutics to Create a Stable, Healthy Vaginal Microbiome

**Kingsley C. Anukam**, Nnamdi Azikiwe University, Nigeria  
Cervico-Vaginal and Semen Microbiome from Couples Seeking Reproductive Health Care

**Bhabatosh Das**, Translational Health Science and Technology Institute, India  
Vaginal Microbial Signature in Birth Outcomes in the GARBH-Ini Pregnancy Cohort

**Sinaye Ngcapu**, CAPRISA, South Africa  
The Roles of Genital Inflammation, Sexually Transmitted Infections, and the Genital Microbiome

**Eric Armstrong**, University of Toronto, Canada  
Impact of LACTIN-V (Lactobacillus crispatus CTV-05) on Genital Immunology following Standard Bacterial Vaginosis Treatment: Results from a Randomized Placebo-Controlled Trial

**Lindi Masson**, Burnet Institute, Australia  
GIFT: Genital Inflammation Test for HIV Prevention and Reproductive Health

Joint Keynote Session with Grand Challenges (9am Denver/Mountain Time Start)

Keystone Symposia Welcoming Remarks and Keynote Address (11am Denver/Mountain Time Start)

**David N. Fredricks**, Fred Hutchinson Cancer Research Center, USA  
The Vaginal Microbiome: Progress and Promise

The Vaginal Microbiome: The Current Landscape (11:45am Denver/Mountain Time Start)

**Susan P. Holmes**, Stanford University, USA  
Modeling and Testing the Vaginal Microbiome in Longitudinal Studies

**Sujatha Srinivasan**, Fred Hutchinson Cancer Research Center, USA  
Strategies for Studying the Vaginal Microbiome in Health and Disease

**Janneke van de Wijgert**, University Medical Center Utrecht, Netherlands  
Designing Human Studies and Clinical Trials: An Epidemiological Perspective

Short Talks Chosen from Abstracts

**Heather B. Jaspan**, Seattle Children's Research Institute / University of Cape Town, USA  
Microbiology and Contraception (ECHO, DMPA/Copper IUD); Adolescents in South Africa, High HIV Risk

**Betsy Herold**, Albert Einstein College of Medicine, USA  
Interplay between Vaginal Microbiota and Innate or Pharmacological-Mediated Antimicrobial Activity

**Jeanne M. Marrazzo**, University of Alabama at Birmingham, USA  
The Contraceptive Vaginal Ring: Impact on the Vaginal Microbiota and Soluble Immune Markers/Significance for Development of Multipurpose Vaginal Rings

Short Talks Chosen from Abstracts

**THURSDAY, NOVEMBER 11**

Meet the Editors (8am Denver/Mountain Time Start)

Poster Session (9am Denver/Mountain Time Start)

Keynote Address (11am Denver/Mountain Time Start)

**Yasmine Belkaid**,† NIAID, National Institutes of Health, USA  
Talk Title to be Announced

Human Papilloma Virus, Dysplasia and the Genital Tract (11:45am Denver/Mountain Time Start)

**Maria Kyrgiou**,† Imperial College London, UK  
The Vaginal Microbiota, Human Papilloma Infection and Cervical Intraepithelial Neoplasia

**Lenine Liebenberg**, CAPRISA, South Africa  
HPV Infection and HIV Acquisition Risk: Does the Vaginal Microbiome Play a Role?

**Robert D. Burk**, Albert Einstein College of Medicine, USA  
The Cervicovaginal Microbiome and Natural History of HPV in a Costa Rican Cohort

Short Talks Chosen from Abstracts

**HIV and the Genital Tract Microbiome (2pm Denver/Mountain Time Start)**

*Jordan K. Kyongo*, Commonwealth and Development Office, UK  
Disconnecting Genital Inflammation and HIV Risk in Women

**Jo-Ann S. Passmore**, University of Cape Town, South Africa  
The Microbiome and Host Interactions at the Genital Mucosal Surface and Implications for HIV Acquisition and Transmission

**Lyle McKinnon**, University of Manitoba, Canada  
Beyond Association: Unraveling Mechanisms Facilitating HIV Infection in the Human Vagina

Short Talks Chosen from Abstracts

**FRIDAY, NOVEMBER 12**

Career Roundtable (9am Denver/Mountain Time Start)

Networking Lounge (10am Denver/Mountain Time Start)

Keynote Address (11am Denver/Mountain Time Start)
Emily P. Balskus, Harvard University, USA  
*Mining and Manipulating Microbial Metabolism in the Human Vagina*

**Advances in Therapeutics and Prevention (11:45am Denver/Mountain Time Start)**

Craig R. Cohen, University of California, San Francisco, USA  
*LACTIN-V and BV Recurrence*

Caroline M. Mitchell, Massachusetts General Hospital, USA  
*Vaginal Microbiota Transplants*

Jill Steinbach-Rankins, University of Louisville, USA  
*New Delivery Vehicles for Biologics and Antivirals for Bacterial and Viral STIs*

**Panel: Development and Regulatory Challenges and Opportunities**

*Jeanne M. Marrazzo*, University of Alabama at Birmingham, USA