

Role of the Genital Tract Microbiome in Sexual and Reproductive Health (S6)

Scientific Organizers: Janneke van de Wijgert, Jeanne Marrazzo, Douglas Kwon and Jo-Ann Passmore

December 11–15, 2018

Southern Sun Cape Sun, Cape Town, Western Cape, South Africa

Part of the Keystone Symposia Global Health Series, supported by the Bill & Melinda Gates Foundation

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DEADLINES:

**All deadlines end at 11:59 PM US Mountain Standard Time*

Global Health Travel Award Deadline: Jul 10, 2018 [\[details\]](#)

Scholarship Deadline: Aug 28, 2018 [\[details\]](#)

Discounted Abstract Deadline: Aug 28, 2018 [\[details\]](#)

Abstract Deadline: Sep 12, 2018 [\[details\]](#)

Discounted Registration Deadline: Oct 11, 2018 [\[details\]](#)

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No registration fees are used to fund entertainment or alcohol at this conference

Conference Program [Print](#) | [View meeting in 12 hr \(am/pm\) time](#)

The meeting will begin on Tuesday, December 11 with registration from 16:00 to 20:00 and a welcome mixer from 18:00 to 20:00. Conference events conclude on Saturday, December 15 with a closing plenary session from 17:00 to 19:00, followed by a social hour and entertainment. We recommend return travel on Sunday, December 16 in order to fully experience the meeting.

TUESDAY, DECEMBER 11

16:00–20:00	Arrival and Registration	3rd Floor Lobby
18:00–20:00	Welcome Mixer	3rd Floor Lobby
No registration fees are used to fund alcohol served at this function.		

WEDNESDAY, DECEMBER 12

08:30–09:30	Welcome and Keynote Address	VOC North
	Registered attendees can view abstracts starting on 11/11/2018	
	Jeanne M. Marrazzo, University of Alabama at Birmingham, USA <i>Setting the Stage: An Overview of Advances & Controversies in Vaginal Microbiome Research</i>	
09:30–11:45	Vaginal Microbiology	VOC North
	Registered attendees can view abstracts starting on 11/11/2018	
	Jacques Ravel, University of Maryland School of Medicine, USA <i>Progress Toward an In-Depth Understanding of the Vaginal Microbiome</i>	

Coffee Break

David Fredricks, Fred Hutchinson Cancer Research Center, USA
The Vaginal Microbiota and Bacterial Vaginosis

Mariya Ivanova Petrova, KU Leuven, Belgium
Role of Lactobacillus Iners in the Vaginal Microbiota

Short Talk(s) Chosen from Abstracts

11:45–17:00	On Own for Lunch	
11:45–13:00	Poster Setup	VOC South
13:00–22:00	Poster Viewing	VOC South
16:30–17:00	Coffee Available	3rd Floor Lobby
17:00–19:00	Genital Tract Microbiology and Metabolomics	VOC North
	Registered attendees can view abstracts starting on 11/11/2018	
	Caroline M. Mitchell , Massachusetts General Hospital, USA <i>Microbiota of the Female Upper Genital Tract</i>	
	Aaron A. R. Tobian , Johns Hopkins University, USA <i>Male Genital Tract Microbiota: Insights into HIV Acquisition</i>	
	Sujatha Srinivasan , Fred Hutchinson Cancer Research Center, USA <i>Metabolic Signatures of Bacterial Vaginosis</i>	
	Short Talk(s) Chosen from Abstracts	
19:00–20:00	Social Hour with Lite Bites	3rd Floor Lobby
	No registration fees are used to fund alcohol served at this function.	
19:30–22:00	Poster Session 1	VOC South

THURSDAY, DECEMBER 13

08:30–11:30	Genital Tract Immunology	VOC North
	Registered attendees can view abstracts starting on 11/11/2018	
	Jo-Ann S. Passmore , University of Cape Town, South Africa <i>Interplay between Genital Immunity and Microbiota, Relevant to HIV Risk</i>	
	Jordan K. Kyongo , LVCT Health, Kenya <i>Associations between Vaginal Microbiota and Immune Mediators in the Vaginal Biomarkers Study in Kenya, South Africa and Rwanda</i>	
	Coffee Break	
	Rupert Kaul , University of Toronto, Canada <i>Impact of the Genital Microbiota and Microbiome-Focused Clinical Interventions on Mucosal Immunology and HIV Susceptibility</i>	
	Paul J. Hertzog , Hudson Institute of Medical Research, Australia <i>The Role of IFN-ϵ in the Immune Homeostasis of the Female Genital Tract</i>	
	Short Talk(s) Chosen from Abstracts	
11:30–17:00	On Own for Lunch	
11:30–13:00	Poster Setup	VOC South
13:00–22:00	Poster Viewing	VOC South
16:30–17:00	Coffee Available	3rd Floor Lobby
17:00–19:00	Genital Tract Mucosal Defenses and Biofilms	VOC North
	Registered attendees can view abstracts starting on 11/11/2018	
	Melissa M. Herbst-Kralovetz , University of Arizona, USA <i>Human In vitro Systems to Study Genital Tract Mucosal Defenses</i>	

Hans Verstraelen, Ghent University, Belgium
Study of In Vivo Biofilms of the Female Genital Tract

Tania Crucitti, Centre Pasteur du Cameroun, Cameroon
Vaginal Microbiota and Biofilms in a Clinical Trial of the NuvaRing® in Rwanda

Short Talk(s) Chosen from Abstracts

19:00–20:00 **Social Hour with Lite Bites** 3rd Floor Lobby
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19:30–22:00 **Poster Session 2** VOC South

FRIDAY, DECEMBER 14

08:30–11:30 **Genital Tract Microbiota Associations with HIV** VOC North
[Registered attendees](#) can view abstracts starting on 11/11/2018

Douglas S. Kwon, Harvard Medical School, USA
Overview of Genital Tract Microbiota Associations with HIV, Including Potential Mechanisms

Lindi Masson, University of Cape Town Medical School, South Africa
Metaproteomics Approaches to Understand Mucosal Inflammation and Target Cell Activation Associated with HIV Acquisition in African Women

Coffee Break

Nichole R. Klatt, University of Miami, USA
The Role of Vaginal Microbiota in Antiretroviral Drug Pharmacokinetics

Thomas J. Hope, Northwestern University, USA
Using Imaging Approaches to Gain Mechanistic Insights into HIV Transmission and Prevention

Short Talk(s) Chosen from Abstracts

11:30–17:00 **On Own for Lunch**

11:30–13:00 **Poster Setup** VOC South

13:00–22:00 **Poster Viewing** VOC South

16:30–17:00 **Coffee Available** 3rd Floor Lobby

17:00–19:00 **Genital Tract Microbiota Associations with Pregnancy and Neonatal Complications** VOC North
[Registered attendees](#) can view abstracts starting on 11/11/2018

Gregory A. Buck, Virginia Commonwealth University, USA
The Microbiome of the Female Reproductive Tract and Pregnancy

David MacIntyre, Imperial College London, UK
The Relationship between Vaginal Microbiota Composition and Poor Pregnancy Outcomes

David M. Aronoff, Vanderbilt University, USA
Leveraging New Tissue Models to Explore Host-Microbial Interactions in Chorioamnionitis

Short Talk(s) Chosen from Abstracts

19:00–20:00 **Social Hour with Lite Bites** 3rd Floor Lobby
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19:30–22:00 **Poster Session 3** VOC South

SATURDAY, DECEMBER 15

07:30–08:30 **Breakfast** Individual Hotel

08:30–11:30 **Vaginal Dysbiosis Prevention and Treatment Interventions I** VOC North

[Registered attendees](#) can view abstracts starting on 11/11/2018

Jennifer E. Balkus, University of Washington, USA
Overview of Antibiotic and Antifungal Interventions

Janneke van de Wijgert, University of Liverpool & University Medical Center Utrecht, UK
Vaginal Probiotics: Results of a Randomized Pilot Trial and Systematic Review

Coffee Break

Craig R. Cohen, University of California, San Francisco, USA
Update on Live Biotherapeutic Trials to Prevent Vaginal Dysbiosis and HIV

Catriona S. Bradshaw, Monash University, Australia
Partner Treatment Studies

Short Talk(s) Chosen from Abstracts

11:30–17:00	On Own for Lunch	
16:30–17:00	Coffee Available	3rd Floor Lobby
17:00–18:45	Vaginal Dysbiosis Prevention and Treatment Interventions II Registered attendees can view abstracts starting on 11/11/2018 Sharon Hillier , University of Pittsburgh School of Medicine, USA <i>Effect of Sex Hormones on the Vaginal Microbiota and Multipurpose Prevention Technologies</i> Speaker to be Announced Adam J. Ratner , New York University School of Medicine, USA <i>Targeting Perinatal Pathogens in the Vaginal Microbiome</i> Short Talk Chosen from Abstracts	VOC North
18:45–19:00	Meeting Wrap-Up: Outcomes and Future Directions (Organizers) Registered attendees can view abstracts starting on 11/11/2018	VOC North
19:00–20:00	Social Hour with Lite Bites No registration fees are used to fund alcohol served at this function.	3rd Floor Lobby
20:00–23:00	Entertainment Entertainment is not subsidized by conference registration fees nor any U.S. federal government grants. Funding for this expense is provided by other revenue sources.	VOC South

SUNDAY, DECEMBER 16

Departure

*Session Chair †Invited, not yet responded.

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