



## MHRP and Collaborators at HIVR4P 2021

Presenter	(#) Title	Date	Time	Session
Carolyn Williamson*	(1409) Analysis of genetic diversity and VRC01 pressure on HIV-1 breakthrough viruses from the AMP trial (HVTN 703/HPTN 081 and HVTN 704/085)	Wednesday 27 January	12:30-1:30 (EST)	The clinical march of bNAbs
<b>Col. Julie Ake</b> †	Session Co-Chair	Thursday 04 February	15:00 - 16:00 (UTC)	In vivo modulation of immune response to vaccination
<b>Sandhya Vasan</b> *	(33) Progress with delayed boosting vaccination	Thursday 04 February	16:15 - 17:15 (UTC)	An ambitious and advancing pipeline: T-cell and non-neutralizing anti-body-based vaccine strategies
<b>Alexandra Schuetz</b> *	(990) Dynamics of mucosal immune responses elicited by systemic prime/boost vaccination	Thursday 04 February	17:30 - 18:30 (UTC)	Mucosal transmission and immune responses
<b>Thembi Mdluli</b>	(811) Impact of baseline variables on time to viral rebound after treatment interruption in acutely treated HIV-1 infected participants	on-demand		
<b>Alexandra Schuetz</b>	(991) Impact of gender affirmation surgery and exogenous hormones on mucosal immune responses and risk of HIV transmission in transgender women	on-demand		
<b>Nicole Dear</b>	(589) Factors associated with transactional sex in the African Cohort Study	on-demand		
<b>Samantha Townsley</b>	(660) Founder Env-specific IgM B cell responses during acute HIV-1 infection associate with the development of broadly neutralizing antibodies	on-demand		
<b>David Chang</b>	(623) Viral Suppression and CD4 counts with transition to TDF/3TC/DTG (TLD)	on-demand		
<b>Allahna Esber</b>	(614) Partner type, serodiscordance status, and dual contraceptive method use in the African Cohort Study	on-demand		
Nkechinyere Harrison	(1383) Effect of multi-month ARV dispensing on HIV clinic attendance at 68 Nigerian Army Reference Hospital Yaba, Lagos	on-demand		
Vincent Muturi-Kioi	(958) Recommendations and considerations for developing a biometric system to prevent co-enrollment in HIV and infectious disease clinical trials	on-demand		
Siriwat Akapirat	(1097) Vaccination with Ad26.ZEBOV, MVA-BN-Filo or MVA-BN-Filo, Ad26.ZEBOV induced predominantly IgG binding to Ebola glycoprotein in cervico-vaginal mucus in HIV-infected and uninfected participants	on-demand		

**bold** - MHRP

\* - oral abstract

† - Co-Chair

Thursday, January 28, 7:45-8:45am

### “Engaging Lake Victoria Fishing Communities in HIV Prevention Research: Lessons from Uganda, Kenya and Tanzania”

Four presenters will discuss unique challenges and novel approaches to enhance community engagement in fishing communities in East Africa. The satellite will draw from lessons learned in Uganda, Kenya, and Tanzania by the Lake Victoria Consortium for Health Research (LVCHR).

MHRP’s IT Director Matt Johnston will present on a technology developed to prevent co-enrollment in clinical studies.

Wednesday, February 3, 1:45-3:15pm

### “Engagement of African Men and Transgender Women Who Have Sex with Men in HIV Research”

The satellite, co-hosted by MHRP and IAVI and co-organized by MHRP’s Dr. Trevor Crowell, will address how to effectively engage key populations who are at especially high-risk of HIV infection in sub-Saharan Africa.

The first panel consists of five presentations which will explore characterizing gaps in engagement around PrEP, care and treatment and the HIV/STI syndemic. They will also discuss the spectrum of sexual and gender minorities affected by HIV, and community perspective around effective engagement.

The second panel will discuss how African MSM and TGW can be successfully engaged in planned HIV biomedical prevention trials, recruitment and retention strategies and best practices and tools to inform future research in Africa and other regions. Presentations will examine online strategies for engagement, mobilization to diagnose HIV earlier, and community perspective for new strategies.