Agenda

Day 1: Tuesday June 29, 2021

9:00 AM - 9:10 AM	Welcome and Meeting Goals Ligia Pinto, Frederick National Laboratory for Cancer Research (FNLCR) and Elizabeth Unger, Centers for Disease Control and Prevention (CDC)	
9:10 AM - 10:50 AM	Session I: HPV Serology Standardization Efforts: An Update Chair: Elizabeth Unger, CDC	
	 Objectives: Provide updates on HPV Standards for the 9 HPV types of interest Describe availability and implementation approaches of International Standards, as well as other key reagents for HPV serology Identify other key reagents in standardization 	
9:10 AM - 9:15 AM	Introduction to the Session <i>Elizabeth Unger, CDC</i>	
9:15 AM - 9:30 AM	HPV Serology Standardization Initiative at FNLCR: An update Ligia Pinto, FNLCR	
9:30 AM - 9:50 AM	WHO International Standards (IS) for HPV serology: Recent development and implementation plans Dianna Wilkinson, National Institute for Biological Standards and Control (NIBSC)	
9:50 AM – 9:55 AM	Q&A	
9:55 AM - 10:50 AM	Facilitated Discussion #1 (Moderator: Dianna Wilkinson, NIBSC)	
	 Standards implementation Reporting results in International Units (IU) – methods and consensus on best practices Neutralization assays standardization and reporting in IU Calibration to International Standards procedure Other reagents needed for standardization 	
10:50 AM - 11:10 AM	Break	

Day 1: Tuesday June 29, 2021 (Continued)

11:10 AM - 1:00 PM	Session II: Developments and Challenges in HPV Serology Assays Chair: Ligia Pinto, FNLCR	
	 <u>Objectives:</u> Review recent serology assay developments to evaluate immunogenicity of current and next generation vaccines Discuss approaches to determine assay cut-off values 	
11:10 AM - 11:15 AM	Introduction to the Session Ligia Pinto, FNLCR	
11:15 AM - 11:30 AM	HPV serology multiplex assays at FNLCR: An update on development and validation <i>Troy Kemp, FNLCR</i>	
11:30 AM - 11:45 AM	Serology assays for L2-based HPV vaccines Richard Roden, Johns Hopkins University	
11:45 AM - 12:00 PM	Observations on use of children's sera to establish assay cut-off Gitika Panicker, CDC	
12:00 PM – 12:10 PM	Q&A	
12:10 PM - 1:00 PM	Facilitated discussion #2 (Moderator: Elizabeth Unger, CDC)	
	 Definition of cut-off value Can cut-off values be established in IU/ml and harmonized? Interlaboratory comparisons for establishing cut-off value New questions raised by new assays 	
1:00 PM	End of Day 1	

Day 2: Wednesday June 30, 2021

9:00 AM – 9:35 AM	Session I & II (Continuation)	
9:00 AM – 9:15 AM	Development of high-throughput assay for HPV neutralizing antibodies Jianhui Nie, National Institutes for Food and Drug Control	
9:15 AM – 9:30 AM	Anti-HPV Monoclonal Antibodies: A key resource for Serology Assay QC Neil Christensen, Penn State University	
9:30 AM – 9:35 AM	Q&A	
9:35 AM – 12:55 PM	Session III: HPV serology assessments in one dose immunobridging studies and new prophylactic vaccines in development Chairs: Deborah Watson-Jones, The London School of Hygiene & Tropical Medicine (LSHTM) and Joakim Dillner, Karolinska Institutet (KI)	
	 Objectives: Review of assays used or planned to be used in HPV vaccine trials and immunobridging studies Review of progress of ongoing one dose HPV vaccine trials Discuss standardization and data analyses plans 	
9:35 AM - 9:40 AM	Introduction to the Session Joakim Dillner, KI	
9:40 AM - 9:55 AM	HPV serology testing in Merck vaccine studies: Recent developments and observations Alfred Saah, Merck & Co., Inc.	
9:55 AM - 10:10 AM	HPV Serology Assays: A collaborative approach for implementation Aparna Kasinath, Syngene International Limited	
10:10 AM - 10:30 AM	One dose immunobridging trials: Review of study portfolio progress and plans for harmonization of analyses Anne Schuind, PATH	
10:30 AM - 10:45 AM	DORIS Study: Review of immunobridging plans and preliminary data Deborah Watson-Jones and Kathy Baisley, LSHTM	
10:45 AM - 11:00 AM	Immunogenicity of a prime and deferred-booster dosing schedule: Preliminary review of results Vikrant Sahasrabuddhe, National Cancer Institute	
11:00 AM - 11:15 AM	KEN-SHE study: Planned Antibody Testing Denise Galloway, Fred Hutchinson Cancer Research Center and Ruanne Barnabas, University of Washington	
11:15 AM – 11:30 AM	Design of an alternative-dose schedule trial evaluating the Innovax bivalent HPV vaccine <i>Niranjan Bhat, PATH</i>	
11:30 AM – 11:40 AM	Q&A	

Day 2: Wednesday June 30, 2021 (Continued)

11:40 AM – 11:55 AM	Break
11:55 AM – 12:15 PM	Overview of new HPV prophylactic vaccines in development Peter Dull, The Bill & Melinda Gates Foundation
12:15 PM – 12:30 PM	Immunobridging trials for new schedules and vaccines: A regulatory perspective Jeff Roberts, U.S. Food and Drug Administration
12:30 PM – 12:55 PM	Q&A & Open Discussion
12:55 PM – 1:00 PM	Closing Remarks

TIMEZONES

*US EDT	9AM	1PM
Australia	11PM	3AM
Belgium	3PM	7PM
China	9PM	1AM
England	2PM	6PM
France	3PM	7PM
Germany	3PM	7PM
India	6:30PM	10:30PM
Netherlands	3PM	7PM
Sweden	3PM	7PM
Switzerland	3PM	7PM
Uganda	4PM	8PM
US PDT	6AM	10AM
US CDT	8AM	12PM
*all time as in a sounds		'DT

*all times in agenda are listed as US EDT