SoGAT Workshop

11 & 12 June 2018, etc. Venues Victoria, London

Conference Agenda

Monday 11 June 2018		
Time	**Item / Presentation**	**Presenter**
10:30 – 11:00	*Registration and networking*	
11:00 – 11:10	Welcome Address	Chair
Session One: Candidate materials and commutability **Chair: Clare Morris**		
11:10 – 13:30	• Impact of culture-derived changes in viral DNA sequences in WHO standards • HCV IS replacement: investigating alternatives to HCV plasma • Lentiviral packaged RNA NAT standards as surrogates for high containment viruses • Challenges with developing an Adenovirus International Standard • Commutability of the 1st IS for HDV RNA **Session discussion** • How much commutability is enough? • What Pre-establishment characterisation should be performed • When should pilot studies be used?	Linda Cook, University of Seattle, USA Jacqueline Fryer, NIBSC, UK Mark Page, NIBSC, UK Jacqueline Fryer, NIBSC, UK Michael Chudy, PEI, Germany
13:30 – 14:15	*Lunch*	
	Session Two: Molecular standardisation of Mycobacterium tuberculosis **Chair: TBC**	
14.15 – 15:15	• Update on revised need for standardisation • Development of a WHO IS and IRP for Mycobacterium tuberculosis NAT	Mei Mei Ho, NIBSC, UK
Session Three: Reference material assessment: understanding different molecular methods **Chair: Neil Berry**		
15:15 – 17:30	• Harmonising quantitative methods; the KRAS standards story • Role of dPCR as a method to support infectious disease detection • Characterization of the NIST and WHO BKV standards by ddPCR • Antiviral Drug Resistance Testing for HIV-1, HBV, HCV and CMV – Experiences from INSTAND EQA • Standardisation in the absence of a standard **Session discussion** • Are current International standard formulations suitable for dPCR? • Are we striving for perfection when good is adequate?	Jenny Boyle, NIBSC, UK Jim Huggett, LGC, UK Megan Cleveland, NIST, USA Heinz Zeichhardt, INSTAND, Germany Bert Niesters, QCMD, UK

17:30	Close

Tuesday 12 June 2018		
08:00 – 08:30	*Registration and networking*	
Session Four: When the IU changes- Statistical analysis and manufactures impact **Chair: Jacqueline Fryer**		
08:30 – 10:30	• 1st international standards - How the IU is derived • Statistical analysis for collaborative studies of replacement International Standards • Impact on manufacturers – manufacturers presentations **Session discussion** • Replacement international standards - How to select study participants. • Should pre-evaluation and data analysis change	Kay-Martin Hanschmann, PEI, Germany Peter Rigsby, NIBSC, UK
10:30 – 10:50	*Refreshment Break*	
Session Five: Ask the experts **Chair: TBC**		
10:50 – 13:00	Technical discussion on materials to be presented to WHO Expert committee in 2018 1st IS for HSV 1/2 DNA– NIBSC 1st IS for Adenovirus DNA – NIBSC 1st HIV p24 VLP IRP – NIBSC 2nd IS for HIV-2 RNA – NIBSC 1st IS for anti-Zika – NIBSC	
13:00 – 14:00	*Lunch*	
Session Six: Case study - Molecular screening for human papillomaviruses **Chair: Dianna Wilkinson**		
14:00 – 16:00	• Overview of HPV screening and what are the challenges • Use of the international standard and challenges of producing control material	Kate Cuschieri, Scottish HPV Reference Laboratory, UK
	Case study - ENPEN - Non-polio enteroviruses **Chair: TBC**	
	• Activities of the European non-polio enterovirus group – will standards help? • Development of reference material multiplex controls and intentional standards	Heli Harvela, NHSBT, UK
16:00 – 16:15	Closing remarks	
16:15	*Close*	