

Africa's capacity for Real-time Polymerase Chain Reaction (RT-PCR) diagnosis of infectious diseases

30 June, 2021

14:00 – 17:00 BST

Time	Title	Speaker(s) and Panellists
14.00-14:15	Welcome remarks, and Introduction	Chairs: Dr Palmer M Netongo , Assistant Professor of Biology at the Navajo Technical University (NTU), USA; WPS Lead ALERTT Dr John Amuasi , Principal Investigator for ALERTT COVID-19 Clinical Characterisation Protocol (CCP), KNUST/KCCR, Ghana Prof. Veronique Penlap , Professor in Biochemistry, University of Yaoundé I; Coordinator for CANTAM
14:15-14:30	Current RT-PCR capacity in Africa for reliable diagnostics for emerging infectious diseases	Dr Oumou Maiga-Ascofaré , Principal Investigator of the ASAAP consortium, KNUST/KCCR, Ghana
14:35-14:50	Co-primer technology of Real-time PCR: What it is and what it is not	Dr Palmer M Netongo
14.55-15.10	The ASLM LabCoP: achievements, updates and way forward in the era of COVID-19	Dr Collins Otieno Odhiambo , Project Lead, LabCoP, African Society for Laboratory Medicine (ASLM)
15.15-15.30	Sustainable Biobanking Networks in Africa	Rosanna Peeling , Professor and Chair, Diagnostics Research Director, International Diagnostics Centre London School of Hygiene & Tropical Medicine
15.35 – 16.00	Panel discussion	Dr John Amuasi
16.00-16.05	Break	
16:05-16:20	Deployment of suitcase lab for rapid detection of SARS-CoV-2 in low resource settings	Dr Moussa Moïse Diagne , ALERTT WP2 Scientific coordinator Laboratory Research Platform WP2 team, Institut Pasteur de Dakar
16:25-16.35	Sequencing SARS-CoV2: the Nigerian experience	Dr Ndodo Nnaemeka , Chief Molecular Bioengineer Nigerian Centre for Disease Control
16:40-16:55	Question and Answer (Q&A)	Dr Palmer M Netongo
16:55-17:00	Closing remarks and thank you	Dr John Amuasi and Dr Palmer M Netongo