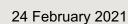
Introduction to WGS in AMR surveillance – Day 5

Course offered by SEQAFRICA





Pernille Nilsson



Virtual Housekeeping



Please turn off your cameras and microphones – this will help with bandwidth and maximise audibility.



Do frequently **use Slack** to share comments and ask questions. Keep the chat constructive, respectful and on topic!



For Q&A's use Slack to submit your questions! Please upvote (give a thumbs-up) to the questions that you like.



The session is being **recorded for distribution to participants** as a post course resource as well as for future iterations of the course.



Agenda

Wednesday 24nd February 09:00 – 12:00

Day 5: Wednesday – 24 Feb 2021 – Results and Nagoya protocol Join Zoom for Day 5

	08.45 – 09.00	Joining the call – Assistance will be provided at this time to help participants join	
	09.00 – 09.15	Welcome and Introduction (Live)	
	09.15 – 10.15	Going through results from exercises 5E and 9E (Live)	
	10.15 – 10.30	BREAK	
∅ ‡	10.30 – 11.00	Going through results from exercises 10E and 11E (Live)	
7	11.00 – 11.30	BREAK	
	11.30 – 12.15	[12] The Nagoya protocol: An introduction	Carolina Dos Santos Ribeiro (RIVM)
	12.15 – 12.30	Q&A and Wrap-up (Live)	



[5E] Basic Quality control of raw reads using FastQC





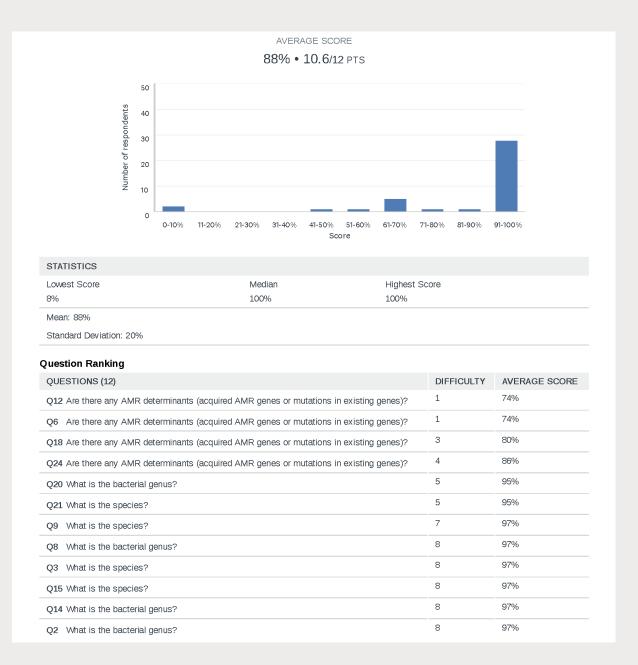
[5E] Basic quality control of raw reads using FastQC

Mushal Allam (NICD, South Africa)





[9E] Using online tools





[9E] Using online tools

Anthony Smith (NICD, South Africa)





BREAK





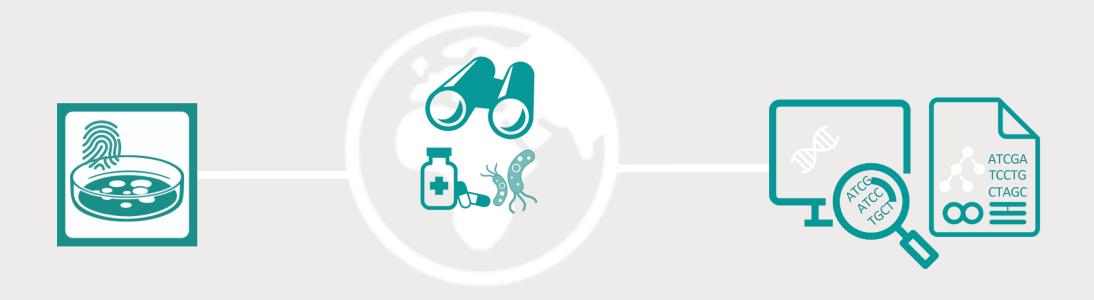






[10E] Exercise in phylogeny

Erkison Odih (UI, Nigeria)





[11E] Exercise in Phenotype based on genotype

Jette Sejer Kjeldgaard (DTU, Denmark)





BREAK











[12] The Nagoya protocol: An introduction

Carolina dos Santos Ribeiro (RIVM, The Netherlands)



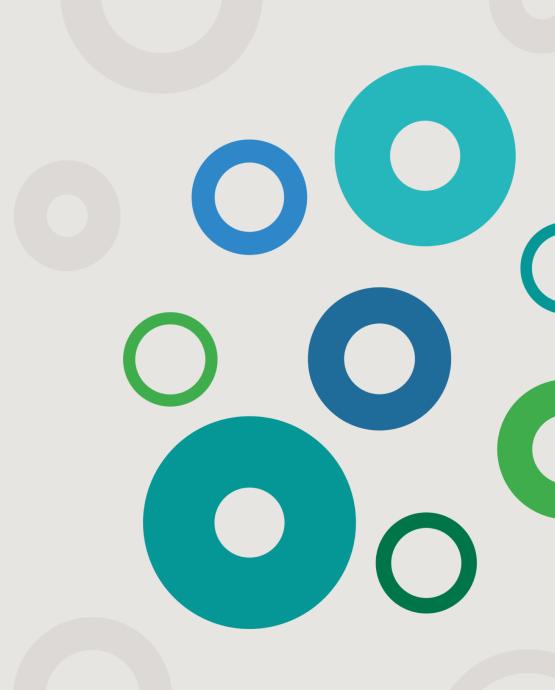


Q&A











Agenda

Friday 26th February 09:00 – 12:45

Day 6: Friday – 26 Feb 2021– Genomic surveillance Join Zoom for Day 6		
08.45 – 09.00	Joining the call – Assistance will be provided at this time to help participants join	
09.00 - 09.15	Welcome and Introduction (Live)	
09.15 – 10.00	 [13] Practical examples of genomic surveillance Presentations from five different institutions: NICD, South Africa: Genomic surveillance of enteric pathogens (Anthony Smith) FDA, USA: Genomic and metagenomics based surveillance of AMR in the United States under the National Antimicrobial Resistance Monitoring System (NARMS) (Errol Strain) 	Intro by Anthony Smith (NICD, South Africa), Errol Strain (FDA, USA)
10.00 – 10.15	BREAK	
10.15 – 11.30	 [13] Practical examples of genomic surveillance cont. EFSA/DTU, Denmark: How surveillance is set up. PGI, Africa Union/Africa CDC: Surveillance of pathogens. (Sofonias K. Tessema) WHO: The tricycle project (Jorge Raul Matheu Alvarez) 	Rene S. Hendriksen (DTU, Denmark), Sofonias K. Tessema (Africa Union, ACDC), Jorge Matheu (WHO)
11.30 – 11.45	BREAK	
11.45 – 12.30	[14] Panel Discussion: Genomic Surveillance (Live) Chair(s): Panel: Anthony Smith (NICD, South Africa) Errol Strain (FDA, USA) Sofonias K. Tessema (Africa Union/ACDC) Jorge Raul Matheu Alvarez (WHO)	
12.30 – 12.45	Concluding remarks and close (Live) Course evaluation survey (SurveyMonkey)	Pernille Nilsson and Rene S. Hendriksen (DTU)



Contact us for more information



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Thank you

















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