

Introduction to WGS in AMR surveillance – Day 6

Course offered by SEQAFRICA



26 February 2021

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

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	<p>[13] Practical examples of genomic surveillance Presentations from five different institutions:</p> <ol style="list-style-type: none"> 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	<p>[13] Practical examples of genomic surveillance cont.</p> <ol style="list-style-type: none"> 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	<p>[14] Panel Discussion: Genomic Surveillance (Live)</p> <p>Chair(s):</p> <p>Panel:</p> <ul style="list-style-type: none"> 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)

[13-1] Genomic surveillance of enteric pathogens

Anthony Smith (NICD, South Africa)



[13-2] Genomic and metagenomics based surveillance of AMR in the United States under the National Antimicrobial Resistance Monitoring System (NARMS)

Errol Strain (FDA, USA)





The
Fleming Fund

BREAK



[13-3] WGS surveillance in Europe

Rene Hendriksen (DTU, Denmark)



[13-4] WGS surveillance in Africa: PGI

Sofonias K. Tessema (ACDC/Africa Union)



[13-5] Integrated Surveillance of AMR and ESBL Ec Tricycle project

Jorge Matheu (WHO Headquarters)





The
Fleming Fund

BREAK

Panel discussion starts at 11:45



[14] Panel Discussion: Genomic surveillance

Moderator



Iruka Okeke

Panel



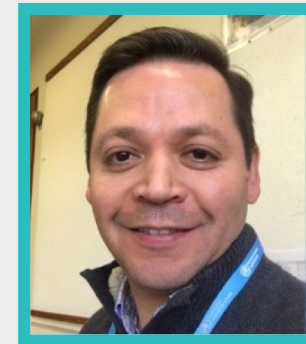
Anthony Smith



Errol Strain



Sofonias Tessema



Jorge Matheu



The
Fleming Fund

Concluding remarks



- The exercise surveys will be open until Sunday 28 February 2021 12:00 PM CET
- Access to video recordings of each day through Jottacloud
- Course evaluation Survey
 - Survey Monkey
- Certificates of attendance

Contact us for more information



seqafrica@food.dtu.dk



pnil@food.dtu.dk

(Pernille Nilsson, Project Manager)



rshe@food.dtu.dk

(Rene S. Hendriksen, Technical Lead)

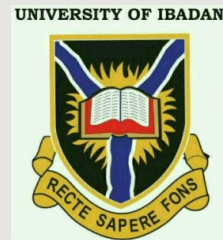


antimicrobialresistance.dk/seqafrica.aspx



[@AfricaSeq](https://twitter.com/AfricaSeq)

Thank you



This programme is being funded by the UK Department of Health and Social Care.
The views expressed do not necessarily reflect the UK Government's official policies.