



Center for Infectious Diseases  
**Radboudumc**



INTERNATIONAL CENTRE FOR  
**ANTIMICROBIAL RESISTANCE**  
SOLUTIONS

(ver. 13 July 2023)

## Antimicrobial Stewardship Masterclass for low resource settings (drive-AMS Africa) Tanzania, 8-11 November 2023

### Draft-program

# EAT (CET)	Title	Faculty
<b>Preparatory</b>		
	Homework (1-3 slides) Online pre-course training	All participants
<b>DAY 1 - Morning (8 November)</b> <b>General introduction, basic principles of Antibiotic Stewardship Program (ASP)</b>		
08:30-09:15 (06:30-08:15 CET)	Welcome - introduction	<b>Dr. Mirfin Mpundu, ICARS</b> <b>Dr. Jeroen Schouten, Radboudumc</b> <b>Dean of KCMUCo (TBD)</b>
09:15-10:00 (07:15-08:00 CET)	AMS implementation in East African settings – African faculty presentation of the context	<b>Jeremiah Seni</b> <b>Chair of Technical Working Group on AMR in Tanzania (TBD)</b>
10:00-10:30 (08:00-08:30 CET)	The BASIC requirements of an ASP: An overview	<b>Dr. Jeroen Schouten</b> <b>(with Mentimeter interaction)</b>
BREAK		
11:15-11:45 (09:15-09:45CET)	The BASIC requirements of an ASP: The role of microbiology in low resource settings	<b>Prof. Heiman Wertheim (Radboudumc)</b>
11:45-12:15 (09:45-10:15CET)	The WHAT of antimicrobial stewardship: what appropriate antibiotic use (in patients) leads to better outcomes?	<b>Dr. Jaap ten Oever (Radboudumc)</b>
LUNCH		

# EAT (CET)	Title	Faculty
<b>DAY 1 - Afternoon (8 November)</b>		
<b>Workshop implementation in practice, part I: "What exactly is my problem?"</b>		
13:00-14:00 (11:00-12:00CET)	The HOW of antimicrobial stewardship: how do I/the stewardship team make sure that appropriate antibiotic use is provided by professionals in my setting?	<b>Prof. Marlies Hulscher</b>
14:00-14:30 (12:00-12:30)	ESCMID-AMS Certificate alumnus: Impact of AMS Masterclass and its follow through on local practice	<b>Dr. Joseph Acolatse, Ghana (TBD)</b> (LIVE ONLINE)
14:30-17:30 (12:30-15:30CET)	Workshop 1: Prerogatives of ASP: what is my current status? Which are my norms? What do I need to do first? Prepared homework: where do I come from?	<b>Dr. Jeroen Schouten / prof. Marlies Hulscher / prof. Heiman Wertheim / Dr. Annelie Monnier / Dr. Norman Jonas / Dr. Elieshiupendo Niccodem</b>  <b>Expert Committee:</b> <b>Prof. Jeremiah Seni / Prof. Gibson Kibiki /Prof. Sam Kariuki / Dr. Evelyn Wesangula /Dr. Winnie Nambatya / Dr. Fabiana Lorenatto</b>
17:30-18:30 (15:30-16:30CET)	Group work: GROUP PROJECT	<b>African faculty (TBD)</b>
DINNER		
20:00-21:00 (18:00-19:00CET)	Fireside conversation: TBD	<b>African faculty (TBD)</b>
<b>Day 2 – Morning (9 November)</b>		
<b>Workshop implementation in practice, part Iia: "How do I measure the quantity of antimicrobial use?"</b>		
09:00-09:30 (07:00-07:30 CET)	Quantity of antimicrobial use: the BASICS	<b>Dr. Stephanie Natsch (PRERECORDED)</b>
09:30-11:30 (07:30-09:30 CET)	Workshop 2a: How to deduct quantitative measures from a raw database and how to analyse and present data: 6-step approach	<b>Dr. Jeroen Schouten / Dr. Stephanie Natsch (TBD)</b>
11:30-12:15 (09:30-10:15 CET)	How to use AWaRe handbook in my hospital How do I measure antibiotic use in my hospital? Experience in a East African setting	<b>Dr. Walter Fuller, WHO Africa (TBD) / Dr. Benedict Huttner, WHO HQ (TBD) / African faculty (TBD)</b>

# EAT (CET)	Title	Faculty
LUNCH		
<b>DAY 2 - Afternoon (9 November)</b>		
<b>Workshop implementation in practice, part IIb: "How do I measure the quality of antimicrobial use?"</b>		
13:30-14:00 (11:30-12:00 CET)	Quality of antimicrobial use: the BASICS	Prof. Marlies Hulscher
14:00-15:00 (12:00-13:00 CET)	Workshop 2b: How to operationalize the quality indicators for appropriate antimicrobial use?	Dr. Jeroen Schouten / Dr. Annelie Monnier
15:00-15:30 (13:00-13:30 CET)	Performing a PPS: the BASICS	Ann Versporten (TBD)
15:30-17:00 (13:30-15:00CET)	Workshop 3: How to conduct PPS, interpret and present results	Dr. Jeroen Schouten / Ann Versporten (TBD)
17:00-18:00 (15:00-16:00CET)	Group work: GROUP PROJECT	African faculty
DINNER		
<b>DAY 3 - Morning (10 November)</b>		
<b>Workshop implementation in practice, part III: "How do I analyse barriers?"</b>		
09:00-09:45 (07:00-07:45 CET)	Determinants of antibiotic use	Prof. Marlies Hulscher
09:45-11:45 (07:45-09:45 CET)	Workshop 4: How to assess the barriers and facilitators of the selected antimicrobial use aspect/quality indicator?	Prof. Marlies Hulscher / Dr. Jeroen Schouten / Dr. Annelie Monnier
BREAK		
12:00-13:00 (10:00-11:00 CET)	How to perform an interview to explore barriers and facilitators?	Dr. Fabiana Lorencatto (LIVE ONLINE, TBD)
LUNCH		
<b>DAY 3 - Afternoon (10 November)</b>		
<b>Workshop implementation in practice, part IV: "How do I choose effective intervention?"</b>		
14:00-16:30 (12:00-14:30 CET)	How do I get from a barrier to a potentially effective intervention? Workshop 5: From barriers to an intervention - tools and tricks	Milou Fredrix / Fabiana Lorencatto (TBD)/ Jeroen Schouten / Marlies Hulscher

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16:30-18:00 (14:30-16:00 CET)	Group work: GROUP PROJECT	African faculty (TBD)
DINNER		
20:00-21:00 (18:00-19:00 CET)	Fireside conversation: Prime examples in Antimicrobial Stewardship in East Africa	Panel of experts with moderated discussion (TBD)
<b>DAY 4 - Morning (11 November)</b>		
<b>"Grande Finale"</b>		
09:00-09:45 (07:00-07:45 CET)	Keynote: Antimicrobial Stewardship in East Africa (TBD)	Prof. Gibson Kibiki (TBD) Radboudumc visiting professor
10:00-12:30 (08:00-10:30 CET)	Plenary presentation of personal/group projects to the group of experts & discussion	Expert panel: Dr. Jeroen Schouten / Prof. Marlies Hulscher / Prof. Heiman Wertheim / Dr. Quirijn de Mast / Dr. Annelie Monnier / African faculty
12:30-13:00 (10:30-11:00 CET)	Certificate ceremony	All
13:00-14:00 (11:00-12:00 CET)	LUNCH and FAREWELL	