## Programme Overview

<table>
<thead>
<tr>
<th>Day</th>
<th>09H00-10H00</th>
<th>10H00-10H30</th>
<th>10H30-12H00</th>
<th>12H00-13H00</th>
<th>13H00-14H00</th>
<th>14H00-16H30</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sun 20 Oct 2019</td>
<td></td>
<td></td>
<td>Registration</td>
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<td>Senate Chamber</td>
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<tr>
<td>Tues 22 Oct 2019</td>
<td>Keynote Presentation: Professor Lenore Manderson</td>
<td>Senate Chamber</td>
<td>Oral Presentations</td>
<td>Panel Discussion: Regional and Continental Initiatives</td>
<td>COMSA Lounge</td>
<td>Oral Presentations (14H00-16H00)</td>
<td></td>
</tr>
</tbody>
</table>

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1 Registration and all academic sessions will be in the Senate Chamber
Poster presentations, lunches, the Welcome Reception and the Gala Dinner will be in the COMSA Lounge
Programme by Day

Day 1: Sunday, 20th October 2019

10H30-13H00  Registration

13H00-14H00  Lunch

14H00  Welcome

Session chair: Professor Sabiha Essack
- Professor Deresh Ramjugernath, Deputy Vice Chancellor (Research), UKZN
- Ms. Signe Breivik, NORAD
- Dr Niresh Bhagwandin, Executive Manager: Strategic Research Initiatives, SAMRC
- Professor Janelisa Musaya, PI, University of Malawi
- Dr Tomas Zimba, PI, ISCISA
- Professor Arnfinn Sundsfjord, PI University of Tromso

15H00  Antibiotic Stewardship and Conservancy in Africa

Professor Sabiha Essack, PI, UKZN

15H30  Key Note Presentation 1

AMR and UHC: Can We Achieve Both Agendas Simultaneously?

Dr Mirfin Mpundu, ReACT Africa

16H30  Close of Day 1

17H00-19H00  Welcome Reception

Programme Director: Professor Sabiha Essack, UKZN

17H00  Address: Honorary Consul Ms Button, Royal Norwegian Embassy

Address: National Department of Health

17H30-19H00  Entertainment and networking
Programme by Day

Day 2: Monday, 21st October 2019

09H00 Keynote Presentation 2
Session Chair: Professor Janelisa Musaya

State of the Worlds Antibiotics
Professor Ramanan Laxminarayan, Centre for Disease Dynamics, Economics & Policy

10H00 TEA

10H30-12H00 Oral Presentations: Antimicrobial Resistance in Gram-negative Bacteria
Session Chair: Professor Arnfinn Sundsfjord

10H30-10H40 Zimba, TF Faecal colonization of E. coli and Klebsiella spp. producing extended-spectrum β-lactamases and plasmid-mediated AmpC β-lactamases in Mozambican university students

10H45-10H55 Estaleva, CL High prevalence of MDR ESBL-and plasmid mediated AmpC-producing clinical isolates of Escherichia coli at the Central Hospital of Maputo, Mozambique

11H00-11H10 Pillay, S Antibiotic resistance, virulence and clonality of Campylobacter spp. from poultry

11H15-11H25 Ramjathan, P Imipenem resistant Pseudomonas aeruginosa in King Edward VIII Hospital, Durban, South Africa

11H30-11H40 Ramsamy, Y Molecular characterization of carbapenem resistant Klebsiella pneumoniae isolates collected from a central public hospital in Durban, South Africa between 2016 and 2017

11H45-11H55 Somboro, AM Tackling metallo-β-lactamase mediated antibiotic resistance through the use of zinc chelating agent as metallo-β-lactamase inhibitors

12H00 Debate
Session Chair: Professor Gunnar Skov Simonsen

Containing Antibiotic Resistance: Social Compacts vs. Regulation
Professor Lenore Manderson and Professor Ramanan Laxminarayan

13H00 LUNCH and Poster Viewing
Day 2 continued: Monday, 21st October 2019

14H00-15H45 Oral Presentations: The Pharmaco-Epidemiology of Antibiotics

Session Chair: Dr Tomas Zimba

14H00-14H10 Upham, G From Ebola to AMR: Engaging women in infection prevention and control

14H15-14H25 Aboderin, AO Situation analysis on antibiotic prescription for in-patient care in Osun State, Nigeria

14H30-14H40 Buthelezi, G An audit of bloodstream infections and antibiotic prescriptions in children admitted to King Edward VIII Hospital in 2016, Durban, South Africa

14H45-14H55 Mabota, N Investigation of medicine supply to Maputo Central Hospital 2014-2015, Mozambique

15H00-15H10 Matambo, E Antibiotic prescribing in treatment of non-severe paediatric community acquired pneumonia at an urban health centre in Southern Malawi

15H15-15H25 Skosana, P A point prevalent survey of antimicrobial utilization across public healthcare sector facilities in South Africa

15H30-15H45 Torres, NF Prevalence of non-prescribed antibiotics usage in low-and-middle-income countries: A systematic review and meta-analysis

15H45 Close of Day 2

Evening at leisure
Programme by Day

Day 3: Tuesday, 22nd October 2019

09H00 Keynote Presentation 3

Session Chair: Dr Lyn Middleton

Vigilance, Resistance and Care: Understanding Antibiotic Use in Urban South Africa

Professor Lenore Manderson

10H00 TEA

10H30-12H00 Oral Presentations: Surveillance and Diagnostics of Antimicrobial Resistance

Session Chair: Dr Rajhab Mkakosya

10H30-10H40 Asante, J
Molecular characterization of methicillin-resistant Staphylococcus aureus isolates from a hospital in Ghana

10H45-10H55 Amoako, DG
Genomic analysis of methicillin-resistant Staphylococcus aureus isolated from poultry and occupational farm workers in uMgungundlovu district, South Africa

11H00-11H10 Flach, VF
Surveillance of sewage bacteria to predict the clinical antibiotic resistance situation in Sub-Saharan Africa

11H15-11H25 Zimba, TF
Antimicrobial susceptibility profiles of bacterial isolates from patients attending the Central Hospital of Maputo, Mozambique from 2010 to 2017

11H30-11H40 Baluka, SA
E. coli, Salmonella spp. and Campylobacter spp. prevalence and antimicrobial resistance profiles in dairy farms in Mukono, Uganda

12H00 Panel Discussion

Session Chair: Professor Lars Småbrekke

Regional and Continental AMR Initiatives

Dr Jay Varma (Africa CDC) and Dr Walter Fuller (WHO AFRO)

13H00 LUNCH and Poster Viewing
Day 3 continued: Tuesday, 22\textsuperscript{nd} October 2019

**14H00-15H45** Oral Presentations: Antibiotic Stewardship

Session Chair: Ms. Sesaltina Nora Muzime

14H00-14H10  
*Engler, D*  
Compliance to South Africa’s national antimicrobial resistance strategy framework

14H15-14H25  
*Lester, R*  
Sustained reduction in third-generation cephalosporin usage following introduction of an antimicrobial stewardship programme in a large urban hospital in Malawi

14H30-14H40  
*Mathibe L J*  
Parents’ influence on prescribing of antibiotics for upper respiratory tract infections in their children

14H45-14H55  
*Sambakunsi, CS*  
Knowledge, attitudes and practices (KAP) related to self-medication with antimicrobials in Lilongwe, Malawi

15H00-15H10  
*Torres, NF*  
Evidence of factors influencing self-medication with antibiotics in lower middle-income countries: A systematic scoping review

15H15-15H25  
*van Hecke, O*  
Point-of-care testing for common infections in South Africa: Primary care clinicians’ perceptions on adoption

15H30-15H45  
*Kasambara, W*  
Feasibility studies of the WHO toolkit for antimicrobial stewardship programmes in hospitals in four low- and middle-income countries

**15:45**  
Close of Day 3

**19H00**  
Gala Dinner

Director of Proceedings: Professor Sabiha Essack

Address: National Department of Health

**19H45**  
Entertainment and Dinner
Programme by Day
Day 4: Wednesday 23rd October 2019

09H00  Panel Discussion
Session Chair: Professor Fanuel Lampiao
Antibiotic Resistance and One Health
- Professor Gunnar Skov Simonsen, Human Health
- Professor Moritz van Vuuren, Animal Health
- Dr Nonhlanhla Kalebaila, Environmental Health

10H00  TEA

11H00  Rotational Brainstorming
Facilitator: Mr Vernon Solomon
Mobilizing Political Will, Civil Society and the Private Sector in AMR Containment
Rapporteurs: Professor Janelisa Musaya, Ms Neusa Torres and Dr Fanuel Lampiao

12H00  Closing Plenary
Session Chair: Professor Sabiha Essack
Strengthening Health and Higher Education Systems in Africa
- Education and Research Committee Perspectives
- Steering Committee Perspectives
- Ms Signe Breivik, NORAD

13H00  End of Conference, Lunch and Departure