



# **International Conference on Sewage Surveillance of Antibiotic Resistance in Sub-Saharan Africa**

**Durban, April 8-10 2026 (Preliminary programme)**

## **Wednesday 8 April**

10:00 – 12:00 Registration

12:00 – 13:00 Lunch

13:00 – 13:20 Welcome

13:20 – 14:00 Keynote on Antibiotic resistance in Africa (Dr Mirfin Mpundu, Director of ReAct Africa)

14:00 – 14:30 The environmental dimensions of antibiotic resistance (Prof Joakim Larsson, Professor, University of Gothenburg)

14:30 – 15:15 Interactive session - problem & solution trees exercise (Prof Sabiha Essack, University of KwaZulu-Natal as facilitator)

15:15 – 15:45 Afternoon tea and Mingle

15:45 - 16:30 Selected oral presentations from abstract submissions (15 min each)

16:30 - 18:00 Mingle around posters with welcome cocktails

19:00            Finger food dinner



### **Thursday 9 April**

9:30 – 10:00 Keynote on antibiotic resistance surveillance in Africa (Africa CDC)

10:00 – 10:30 Introduction to the SeMAR project (Associate Prof Carl-Fredrik Flach, University of Gothenburg)

10:30 – 10:50 Wastewater surveillance of antibiotic resistance in *K. pneumoniae* (SeMAR) (Julián Bobis Camacho, University of Gothenburg)

10:50 – 11:20 Mingle and forenoon tea

11:20 – 11:40 Case study South Africa – Surveillance of urinary tract infections and sewage monitoring (SeMAR) (Siyabonga Gumede, University of KwaZulu-Natal)

11:40 – 12:00 Case study Mozambique - Surveillance of urinary tract infections and sewage monitoring (SeMAR) (Delfino Vubil, Manhica Health Research Centre)

12:00 – 12:20 Case study Kenya and what it takes to set up sewage monitoring (SeMAR) (Dr Patrick Okanya, Technical University of Kenya)

12:20 – 12:40 SeMAR synthesis of phenotypic wastewater surveillance of antibiotic resistance (Dr Martin Palm, University of Gotehnburg)

12:40 – 13:00 Whole genome sequencing of ESBL isolates from urine and sewage (SeMAR) (Siyabonga Gumede, University of KwaZulu-Natal)

13:00 – 14:00 Lunch

14:00 - 15:00 Oral presentations selected from abstract submissions (15 min each including time for questions).

15:00 -15:45 Mingle, afternoon tea and poster viewing



15:45 – 17:00 Perspectives from the policy makers (Invited representatives from ministries/governmental bodies in South Africa, Mozambique and Kenya), including an interactive session.

19:00 Conference dinner

### **Friday 10 April**

9:00 – 9:40 Keynote on Access to Antibiotics (Carol Ruffel, Director of DNDi GARDP Southern Africa)

9:40 – 9:55 Wastewater surveillance for estimating use of antibiotics (and other pharmaceuticals) (Gilbert Osen, (Centre for Antibiotic Resistance Research in Gothenburg, CARE)

9:55- 10:55 Selected oral presentation

10:55 -11:25 Mingle, forenoon tea and poster viewing

11:25 – 12:25 Interactive session on Surveillance of antibiotic resistance in Africa - way forward and the potential use of wastewater monitoring.

12:25 Closing Remarks

12:30 Lunch