ISRV
School of
Respiratory Viruses
Accra, Ghana | 10–15 May 2027

ISRV
International Society for
Respiratory Viruses

8th ISRV School of Respiratory Viruses: Draft Programme



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Monday 10th May 2027

Time	Activity
08:30-09:00	***Registration***
Topic 1: The Importance of Respiratory Viruses in Africa	
09:00-10:15	Traditional Welcome
10:15-10:30	ISRV Education Programme Introduction and Networking Brief
10:30-11:30	***Refreshment Break and Find Your Group Activity***
11:30-12:15	1.1 Health Emergencies in Africa
12:15-13:00	1.2 The Global Burden of Respiratory Viruses
13:00-14:00	***Lunch Break***
14:00-14:45	1.3 Maternal and Child Health Priorities
14:45-15:30	1.4 Overview of One Health Infrastrucutre in Africa
15:30-16:00	***Refreshment Break***
16:00-16:45	1.5 Integrated Disease Surveillance and Response (IDSR) Across Africa
16:45-17:30	**Networking Activity**
18:00-20:00	**Welcome Drinks Reception**

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Tuesday 11th May 2027

Topic 2: Clinical, Basic Virology and Use of Diagnostics	
Time	**Activity**
08:45-09:00	Recap from Day One
09:00-09:45	2.1 Burden and Epidemiology of Respiratory Viruses in Africa
09:45-10:30	2.2 Case Definitions - Clinical Diagnostics
10:30-11:00	***Refreshment Break***
11:00-11:45	2.3 Sampling Strategies - A Broad Epidemiology Overview
11:45-12:30	2.4 The Animal-Human Interface
12:30-14:00	***Lunch Break (30 mins) & Mentoring Session (1hr)***
14:00-15:30	2.5 Outbreak Response Workshop
15:30-16:00	***Afternoon Break***
16:00-16:45	2.6 Basic Virology - Influenza, RSV, SARS-CoV2, and Other Viruses
16:45-18:00	**Poster Session**

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Wednesday 12th May 2027

Topic 3: Surveillance and Genomics	
Time	**Activity**
08:45-09:00	Recap from Day Two
09:00-09:45	3.1 New Surveillance Initiatives in Africa
09:45-10:30	3.2 Overview of Genomics Surveillance
10:30-11:00	***Refreshment Break***
11:00-11:45	3.3 Phylogeny and Phylodynamics
11:45-12:45	3.3a Phylogeny and Phylodynamics Workshop
12:45-13:15	***Lunch Break***
13:15-18:00	**Field Trip: Vaccine Manufactoring Site Visit**

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Thursday 13th May 2027

Topic 4: Implementing Respiratory Virus Vaccines in Africa	
Time	**Activity**
08:45-09:00	Recap from Day Three
09:00-09:45	4.1 How Vaccines Work and Vaccine Landscapes
09:45-10:30	4.2 Vaccine Effectiveness and Efficacy
10:30-11:00	***Refreshment Break***
11:00-11:45	4.3 What Vaccines Are Used in Africa, and What Vaccines Are Manufactured
11:45-12:30	4.4 Development of National Vaccination Policies
12:30-14:00	***Lunch Break (30 mins) & Careers Roundtable (1hr)***
14:00-14:45	4.5 Regulatory Aspects of Vaccines
14:45-15:30	4.6 Vaccine Prioritisation - In a Resource Restrained Environment, Who and What Do You Prioritise?
15:30-16:00	***Refreshment Break***
16:00-16:30	4.7 Vaccine Hesitancy - Interactive Session
16:30-17:30	4.8 Scenario Activity - Implementing Vaccine Programmes
18:00-20:00	**Closing Dinner**

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Friday 14th May 2027

Topic 5: Preparing Africa for the Next Generation of Respiratory Virus Threats	
Time	**Activity**
08:45-09:00	Recap from Day Four
09:00-09:45	5.1 Climate Change, Urbanisation and Population Mobility: Drivers of Emerging Disease
09:45-10:30	5.2 Preparing Africa for the Next Generation of Respiratory Virus Threats
10:30-11:00	***Refreshment Break***
11:00-11:45	5.3 Communicating Science
11:45-12:30	5.3a Communicating Science - Practical Workshop
12:30-14:00	***Lunch Break (30 mins) & Best Practice for Grant Writing Workshop (1hr)***
14:00-14:45	5.4 What Next for Respiratory Viruses in Africa? (panel discussion)
14:45-15:00	***Refreshment Break***
15:00-15:45	Closing Remarks and Award Ceremony