



# Symposium Day

## November 27, 2024

Local time: CET

### 9:00–9:30 **Welcome Address & Opening session**

### 9:30–10:50 **SESSION I: Methods to predict and detect the emergence of pathogens and outbreaks**

Chaired by

- 9:30– 9:50 Community-based surveillance of infectious diseases. Catherine R. McGowan, UK
- 9:50 –10:10 Wastewater-based Infectious Disease Surveillance. Albert Bosch, Spain
- 10:10–10:30 Modeling emerging infectious diseases. Janne Estill, Switzerland
- 10:30–10:50 Artificial intelligence-based tools to detect healthcare-associated infections and emerging pathogens. Anna Odone, Italy

### 10:50–11:10 **COFFEE BREAK**

### 11:10–12:30 **SESSION II – Factors contributing to the emergence of infectious diseases**

Chaired by

- 11:10–11:30 Changes in biodiversity and their impact on the transmission of infectious diseases Serge Morand, France
- 11:30–11:50 Emerging infections in displaced populations Soha Kanj, Lebanon
- 11:50–12:10 Breakdown in public health measures Marilda Siquiera, Brazil

### 12:30–14:00 **GROUP PICTURE & LUNCH (Buffet)**

### 14:00–16:40 **SESSION III – Clinical research conducted in the context of emerging diseases**

Chaired by

- 14:00–14:20 The challenges and barriers for clinical research implementation Louise Sigfrid, UK
- 14:20–14:40 Clinical study design in the context of emerging infectious diseases Rodolphe Thiebaut, France



14:40–15:00 Inequalities between northern and southern countries in addressing new epidemics Sylvie Briand, Switzerland

15:00-16:00 **Open discussion: Which role for the GABRIEL network in the context of outbreaks?**

*Are the GABRIEL members strong enough to contribute to new challenges?*

*What are the main barriers / weaknesses of the countries to response to outbreaks?*

16:00–16:30 COFFEE BREAK

16:30–18:30 **Poster session**



# November 28, 2024

Local time: CET

8:30–8:45	<b>Welcome Address</b>	
8:45–9:30	<b>The GABRIEL network: main achievements</b> By Florence Komurian - Pradel, France	
9:30–12:00	<b>SESSION I – Antimicrobial Resistance</b> Chaired by	
9:30–9:45	Introduction on the AMR program	Florence Komurian - Pradel, France
09:45– 10:45	AMR surveillance with “One Health Approach”: AMR surveillance in human households and pets: what role do they play in transmission routes? <ul style="list-style-type: none"><li>- Study sites in Bangladesh</li><li>- Study sites in Brazil</li><li>- Study sites in Paraguay</li></ul>	Sanshita Kar, Bangladesh Silvia Costa, Brazil Rosa Guillen, Paraguay
10:45–11:15	<b>COFFEE BREAK</b>	
11:15–11:30	Emergence of Extended-Spectrum Cephalosporin- and Colistin-Resistant Enterobacterales	<i>To be confirmed</i>
11:30–12:00	Improving the data collection and sharing: Data Center for AMR in Madagascar and Burkina Faso	Luc Samison, Madagascar, Abdoul Salam Ouedraogo, Isidore Traore, Burkina Faso
12:00–13:30	<b>LUNCH</b>	
13:30–16:00	<b>SESSION II – Acute Respiratory infection - Meningitis</b> Chaired by	
13:30–13:45	Introduction on the ARI program	Valentina Picot, France
	Improving Diagnostics capacities in Resource Limited Settings:	
13:45-14:15	Pneumonia Dx Study	Rofiqur Rahman, Bangladesh
14:15-14:45	Meningitis Dx Study in Ivory Coast	Sita Savane, Bangladesh, <i>to be confirmed</i>



- 14:45-15:15 Meningitis Dx Study in Burkina Faso (14:50-15:10) Odilon Kabore, Burkina Faso
- 15:15-16:00 Round Table on RSV  
Moderator: Marilda Siquiera, Brazil  
Speakers *To be confirmed*
- 16:00–16:30 COFFEE BREAK
- 16:30–18:00 **PARALLEL SESSIONS: Working Group by thematic**
- 16:00–18:00 **Working group on ARI**  
Moderators
- 16:00–18:00 **Working group on AMR**  
Moderators:
- 16:00–18:00 **Working group on TB**  
Moderators:
- 19:30 GALA DINNER



# November 29, 2024

Local time: CET

8:30–9:45

## “YOUNG SCIENTISTS AWARD” SESSION

Chaired by

8:30-8:45

8:45-9:00

9:00-9:15

9:15-9:30

9:30-9:45

9:45-10:15

COFFEE BREAK

10:15-12:15

## SESSION III – Tuberculosis

Chaired by

10:15-10:20

Presentation of Fondation Mérieux's TB program

Jonathan Hoffmann, France

10:20-11:00

### Strengthening diagnostic and epidemiological surveillance capacities

Improving TB diagnosis and surveillance among refugee populations in Lebanon

Josette Najjar-Pellet, Lebanon

Targeted next-generation sequencing assays for the surveillance of multidrug-resistant TB in Lao PDR (DiLao-TB project)

*Phitsada Siphanthong, Lao PDR – to be confirmed*

11:00-11:20

### Supporting local health authorities to define cost-effective TB screening and care strategies:

Improving the management of latent tuberculosis infection in Cameroon and Madagascar (APRECIT project)

Valérie Donkeng, Cameroun

11:20-12:15

### Advancing science and innovation

Transcriptomic and phenotypic signatures of progression to TB disease among close contacts in Madagascar and Cameroon (APRECIT-BIS)

Niaina Rakotosamimanana, Madagascar

Evaluation of LAM detection in Exhaled-Breath Condensate samples for TB diagnosis in Bangladesh (EBC-LAM project)

Mohammad Khaja Mafij Uddin, Bangladesh

Diagnostic accuracy of a blood transcriptomic signature for childhood TB (DEDICATE project)

Stephane Pouzol, France

12:15-12:45

## GABRIEL Young Scientists Award ceremony

12:45-13:00

## Closing of the GABRIEL Meeting

13:00-14:00

LUNCH & DEPARTURE

