

ONE HEALTH
FESTIVAL



One Health Summit Side Event

One Health and Pathogen Families: R&D roadmaps for resilience and equity in global health security and pandemic response

Co-hosted by



In collaboration with



Date: 7 April 2026 (Tuesday)

Time: 08:00 – 09:00

Venue: 3rd Floor, Maison de l'Université Domitien Debouzie, 7 boulevard André Latarjet, 69100 Villeurbanne, Lyon, France

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Overview

Emerging infectious diseases remain one of the most significant global risks, with 75% being zoonotic in origin, highlighting the critical role of One Health efforts. Given the uncertainty regarding which pathogen will cause the next pandemic, research and development (R&D) preparedness and response need to shift from focusing on priority pathogens to global collaboration at pathogen family level, which necessitates coordinated action while ensuring equitable access.

WHO Collaborative Open Research Consortia (CORCs) aim to identify knowledge gaps and research priorities, and to operationalize scientific frameworks for epidemic and pandemic research preparedness across priority viral families and core bacterial threats. CORCs provide structured, collaborative platforms that connect research institutions and networks working on specific pathogen families identified through global pathogen prioritization, offering a structured and comprehensive pathway from concept to implementation.

The event will showcase how One Health is a cornerstone of the pathogen family R&D roadmaps. That includes the work led by ANRS MIE on the filoviridae family, as well as CORCs for 11 other viral families hosted by institutions globally.

The session will also include case studies illustrating the integration of One Health approaches into R&D for medical countermeasures. The Coalition for Epidemic Preparedness Innovations (CEPI) will demonstrate its pivotal role in funding R&D for vaccines targeting zoonotic viral diseases, as well as its significant contribution as a partner in the CORC roadmaps. Through fostering a whole pathogen family approach, distributed global laboratory, clinical and vaccine manufacturing networks and local and regional 100 Days Mission capabilities, CEPI will highlight how CORC research priorities and R&D Roadmaps can be effectively translated into readiness- supporting the global ambition of responding to future epidemic and pandemic threats within 100 days.

Panel details

Objectives

1. Position the One Health approach as a strategic driver of innovation in pandemic and epidemic preparedness, highlighting CORC as a model that convenes global research communities to collaborate on shared zoonotic drivers of disease emergence.
2. Demonstrate how translating research into readiness requires sustained partnership and investment, highlighting the critical role of implementation partners, including CEPI, in operationalising CORC roadmaps through R&D, regional manufacturing capabilities and global networks.
3. Mobilise sustained high-level political commitment to advance viral family-based preparedness, ensuring that One Health-informed R&D roadmaps are backed by long-term financing, policy alignment and international cooperation.

Agenda

Moderator

- Prof Bruno Lina, President of Claude Bernard Lyon University, Infectious Disease Cluster Lyon, France.

Time	Agenda item	Speakers
0800-0815	Welcome and high-level opening	
0800-0803	<ul style="list-style-type: none"> • <i>President of Claude Bernard Lyon 1 University (3 mins)</i> 	Dr Bruno Lina
0803-0807	<ul style="list-style-type: none"> • <i>Minister of Health, Indonesia (4 mins)</i> 	Minister Budi Gunadi Sadikin
0807-0811	<ul style="list-style-type: none"> • <i>Ministry of Higher Education and Research, France (4 mins)</i> 	Dr Nacer Boubenna, Scientific Director, Head of the Biology and Health department
0811-0815	<ul style="list-style-type: none"> • <i>World Health Organization (4 mins)</i> 	Dr Sylvie Briand, Chief Scientist
0815-0840	One Health and Pathogen Families approach: R&D roadmaps for resilience and equity in global health security and pandemic response	
0815-0818	Overview by WHO R&D Blueprint for Epidemics (5 mins)	Dr Ana Maria Henao-Restrepo, WHO R&D Blueprint Lead
0818-0840	Panel with CORC Leads (20 mins) <ul style="list-style-type: none"> • <i>Why do the Roadmaps include ONE Health as a cornerstone of R&D research preparedness for epidemics and pandemics?</i> • <i>How can the Pathogen Families R&D approach help to address the uncertainty on which pathogen will cause the next pandemic?</i> • <i>What high-level actions would help to maximize the scientific collaborations towards MCMs development and evaluation?</i> 	CORC Leads for 10 Viral Families and a Group of Bacteria
0840-0850	Integrating One Health into R&D for MCMs: ongoing global and regional efforts (5 mins each)	
0840-0845	<ul style="list-style-type: none"> • <i>CEPI- vaccines and CEPI 3.0</i> 	Dr Amadou Sall, Executive Director of Process Development and Manufacturing
0845-0850	<ul style="list-style-type: none"> • <i>Health Emergency Preparedness and Response Authority (HERA), European Commission</i> 	Dr Cornelius Schmaltz, Chief Scientist
0850-0855	Q&A	
0855-0900	Closing remarks <ul style="list-style-type: none"> • Director of ANRS Maladies infectieuses émergentes 	Dr Yazdan Yazdanpanah, Director