*R&D roadmaps for pathogen families to reduce uncertainty about the next pandemic and boost coordinated global R&D preparedness.*

**Lyon, France, 7 April 2026** – We all want proven diagnostics, treatments and vaccines ready before the next pandemic strikes, so that everyone, everywhere can access them quickly and equitably, avoiding lockdowns and other stringent public-health and social measures. This initiative is designed to make that future a reality.

An event co-hosted by ANRS Emerging Infectious Diseases, the Coalition for Epidemic Preparedness Innovations (CEPI), the World Health Organization (WHO), and partners concluded today at the One Health Summit held in Lyon, France.

This event highlighted how a One Health and the Pathogen Family-based approach can strengthen epidemic and pandemic preparedness, including through WHO's Collaborative Open Research Consortia (CORCs), which bring together global research communities around priority viral families and core bacterial threats.

"CORCs are turning global scientific collaboration for pandemics into a more durable decentralized and inclusive R&D preparedness architecture. By organizing efforts around pathogen families and embedding One Health, we can better anticipate risks and accelerate the R&D of countermeasures before the next crisis. WHO thanks the CORC leads for their invaluable scientific leadership and for coordinating the development of the Family R&D Roadmaps that we are launching today" said **Dr Sylvie Briand, Chief Scientist of WHO.**

Partners emphasized the importance of translating the Family R&D research roadmaps released today (for 10 viral Families and a group of Bacteria) into concrete actions, to support faster responses to emerging threats, including CEPI's goal to develop safe and effective vaccines in as little as 100 days.

**Dr Richard Hatchett, Chief Executive Officer at CEPI**, said: "We don't know what the next pandemic threat will be, or when it will strike. That's why focusing on entire pathogen families can help us stay ahead of both known risks and emerging threats. That concept is at the heart of CEPI's work, which aligns with and supports the World Health Organization CORCs. CEPI actively feeds into the CORCs roadmaps to advance collaboration and target the viral families most likely to spark a pandemic, turning R&D priorities into real-world plans that stop outbreaks early."

The event also showcased work led by ANRS Maladies infectieuses émergentes on the filoviridae family, illustrating how national and regional leadership can reinforce global preparedness. "France is committed to advancing pandemic preparedness through science, solidarity and long-term partnership. Work on entire pathogen families that global institutions are leading, among which the filoviridae roadmap coordinated by ANRS MIE, shows how national efforts can contribute to a stronger international capacity to detect threats earlier and prepare more effectively,"
said **Professor Yazdan Yazdanpanah, Director of ANRS Maladies infectieuses émergentes**.

The CORCs Leads and other Speakers called for sustained political commitment, financing and international cooperation to maintain momentum behind One Health-informed R&D roadmaps and their implementation in countries and regions worldwide.

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**ADDITIONAL INFORMATION**

**About the Family R&D Roadmaps-** Each CORC has led the development of Family-specific research and development roadmaps through structured scientific OPEN consultations covering pathogen biology, animal reservoirs and vectors, epidemiology and surveillance, basic and translational research, medical countermeasure development with regulatory considerations, and evaluation of candidate medical countermeasures in outbreak or pandemic contexts.
Links to each of the Family R&D Roadmaps can be found here:
https://www.perplexity.ai/computer/a/who-r-d-blueprint-pandemic-pre-U6sBQhiuS7SjQB5iLasIBg

**The Collaborative Open Research Consortia (CORCs).**
To implement the pathogen-family prioritization approach to epidemic and pandemic preparedness, WHO and several leading research institutions worldwide have launched the Collaborative Open Research Consortia (CORCs) as international research network of networks organized around priority pathogen families. Each CORC is coordinated by leading institutions acting as hubs and conveners, typically supported as WHO Collaborating Centres.

These consortia represent a major progress in the scientific approach, shifting from a centralized, pathogen-specific model to a decentralized, collaborative framework designed to anticipate emerging threats and accelerate the research and development of medical countermeasures.

The CORCs are the primary mechanism for developing and executing the R&D Roadmaps. They provide a structured way to close major knowledge gaps across regions and science disciplines. The governance structure of CORCs, especially their emphasis on open and equitable participation and representation, offers reflections for the design of more inclusive and transparent mechanisms.
The CORCs, hosted by public institutions worldwide already involve thousands of scientists and stakeholders across the globe, and exemplifies a non-extractive, partnership-based approach that may support the principles underpinning the Pandemic Agreement aims.

**ANRS Maladies infectieuses émergentes (ANRS MIE)** is a French national agency dedicated to research on HIV, viral hepatitis, sexually transmitted infections and emerging infectious diseases. Hosted by Inserm, it supports and coordinates multidisciplinary research, fosters international collaborations and contributes to strengthening scientific and operational preparedness for epidemics and pandemics,

including through work on pathogen family roadmaps and One Health–oriented approaches.

**The Coalition for Epidemic Preparedness Innovations (CEPI)** is a global partnership between public, private, philanthropic and civil organizations. Its mission is to accelerate the development of vaccines and other biologic countermeasures against epidemic and pandemic threats so they can be accessible to all people in need. Central to CEPI's pandemic-beating plan is the '100 Days Mission' – its goal to develop safe, effective and accessible vaccines against new threats in just 100 days. CEPI is seeking $2.5 billion to execute CEPI 3.0, its 2027-2031 strategy, which will systematically reduce the likelihood, impact and cost of epidemics and pandemics by driving the 100 Days Mission towards an operational reality.

**The World Health Organization (WHO**) is the specialized agency of the United Nations responsible for directing and coordinating international health within the UN system, working with Member States and partners to prevent, detect and respond to public health threats, strengthen health systems, and advance universal health coverage and health equity worldwide. It develops global norms and standards, provides technical guidance, and supports countries to build resilient capacities for epidemic and pandemic preparedness and response.

**Current list of CORCs (as of March 2026)**
**Arenaviridae**
UK Health Security Agency (UKHSA)
Contact: arena.corc@ukhsa.gov.uk
United Kingdom
**Bacteria Pathogens**
*Vibrio cholerae, Yersinia Pestis, Shigella dysenteriae, Salmonella enterica non typhoidal, Klebsiella pneumoniae*
Aga Khan University & London School of Hygiene & Tropical Medicine (LSHTM)
Contact: rdblueprint@who.int
Pakistan / United Kingdom
**Bunyavirales**
*Sub-families: Hantaviridae, Nairoviridae, Peribunyaviridae, Phenuiviridae*
UK Health Security Agency (UKHSA) in collaboration with SCARDA and Institut Pasteur de Dakar (IPD)
Contact: bunya.corc@ukhsa.gov.uk
UK / Japan / Senegal
**Coronaviridae**
Programme for Research in Epidemic Preparedness and Response (PREPARE)
Contact: ncid.corc.cov@nhghealth.com.sg
Singapore
**Filoviridae**
Agence Nationale de Recherche sur le Sida et les Maladies Infectieuses Émergents (ANRS-MIE)
Contact: ANRS-MIE CORC Page

France
**Flaviviridae**
Fiocruz Foundation
Contact: corc.flaviviridae@fiocruz.br
Brazil
**Paramyxoviridae**
Indian Council of Medical Research (ICMR)
Contact: rdblueprint@who.int
India
**Poxviridae**
Institut National pour la Recherche Biomédicale (INRB) & Wits Reproductive Health and HIV Institute (Wits RHI)
Contact: rdblueprint@who.int
DRC / South Africa