



**PMAC** | PRINCE MAHIDOL  
AWARD CONFERENCE **2022**

**S5**

**MANAGING PANDEMICS DURING THE FOURTH INDUSTRIAL REVOLUTION  
(TECHNOLOGICAL REVOLUTION)**

## | BACKGROUND

The COVID-19 Pandemic was a showcase of how governments, industries, communities and individuals applied the state-of-art technologies to the evolving situation at ever unprecedented speed and scale. This PMAC-2022 session is dedicated to cover some recent changes / technological revolutions that are changing management of epidemics/ pandemics, highlighting challenges and opportunities. Developers, owners, users of emerging technologies will tell us about their success stories... It is truly our pleasure to provide this fantastic opportunity to learn about the futuristic views of managing epidemics and pandemics in the future. The COVID-19 Pandemic was a showcase of how governments, industries, communities and individuals applied the state-of-art technologies to the evolving situation at ever unprecedented speed and scale. This PMAC-2022 session is dedicated to cover some recent changes / technological revolutions that are changing management of epidemics/ pandemics, highlighting challenges and opportunities. Developers, owners, users of emerging technologies will tell us about their success stories... It is truly our pleasure to provide this fantastic opportunity to learn about the futuristic views of managing epidemics and pandemics in the future.

## | OBJECTIVES

To learn about innovative tools and ideas in managing epidemics and pandemics now and in the future.



Speaker

## Melanie Saville

*Director, Vaccine Research and Development*

The Coalition for Epidemic Preparedness Innovations (CEPI)  
United Kingdom

Melanie Saville joined the Coalition for Epidemic Preparedness Innovations (CEPI) in November 2017. She is the Director of Vaccine Research and Development, and leads the technical teams supporting the vaccine development and enabling science projects funded by CEPI and is the R&D and Manufacturing workstream leader for COVAX. Melanie is a physician specialized in virology with 20 yrs of experience in the development and licensure of vaccines for the developed and developing world. Over the years, she has contributed to the development and licensure of several vaccines for seasonal and pandemic influenza, pediatric combinations, Rabies, Japanese Encephalitis and Dengue vaccine in Europe, US and the international area.

- Website: [www.cepi.net](http://www.cepi.net)