

Innovation for Improving Response to Outbreaks of Emerging Infectious Diseases

13 September | 14.00-15.15 | Plenary room

Epidemics of emerging infectious diseases are a growing threat to life, health and prosperity. In a world of more crowded cities, increased mobility and climate change, the resultive disruptive impact of epidemics is likely to increase, making epidemics among the most pressing health security issues facing the world today. Recent outbreaks, such as Ebola and SARS, have claimed thousands of lives and cost billions of dollars. Similarly, ongoing outbreaks of Zika will pose devastating health and economic impacts for years to come.

The Coalition for Epidemic Preparedness Innovations – CEPI – funds development of vaccines against emerging infectious diseases with epidemic potential, where the market incentives are limited. In addition to funding vaccines against specific pathogens, CEPI will fund development of vaccine platforms which can rapidly be adapted to newly emerging pathogens with epidemic potential. Vaccine development usually takes 10-15 years, and innovation is critical to reduce the time from detection of the new pathogen until access to vaccine for use in trials and emergency use.

Innovation can play a significant role in epidemic preparedness. How can we innovate to be prepared to stop outbreaks of emerging infectious diseases before they become epidemics or pandemics? CEPI invites the Nordic life science sector to a discussion on how we can use the experiences from recent outbreaks like Ebola and Zika to plan for preparedness against known and unknown epidemic threats in the future.

Chair: Georges Thiry, CEPI

Time	Topic	Speaker
14:00 – 14:10	Welcome and introduction: Vaccine innovation gaps: What do we want the innovators to do?	Georges Thiry Acting Director of Vaccine Development, CEPI
14:10 – 14:25	Public health management of future outbreaks – Lessons learned from previous outbreaks. Which tools are we missing?	Ira Longini, University of Florida
14:25 – 14:40	Role of and access to animal challenge models for EID vaccine development in a global perspective	Volker Gerds, VIDO-InterVac
14:40 – 14:55	IP and innovations for epidemic threats	Anders Hjelmencrantz ZACCO
14:55 – 15: 15	Panel discussion	Chair: Georges Thiry CEPI