

# PREPAREing for (Re-)Emerging Arbovirus Infections in Europe

Zagreb, Croatia

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EU-PREPARE/ESCMID/ESGITM



# PREPARE'ing for (re-)emerging arbovirus infections in Europe



# PREPARE'ing for (re-) emerging epidemics in Europe



- Infectious diseases - one of the highest threats to human health
- Increase in outbreaks through globalisation, travel, migration, trade and climate changes
- Clinical research responses often delayed, isolated and fragmented in severe infectious disease outbreaks

# Why PREPARE?

- Clinical studies often miss initial wave of epidemic and often fail to enrol significant number of patients across clinical spectrums of the disease

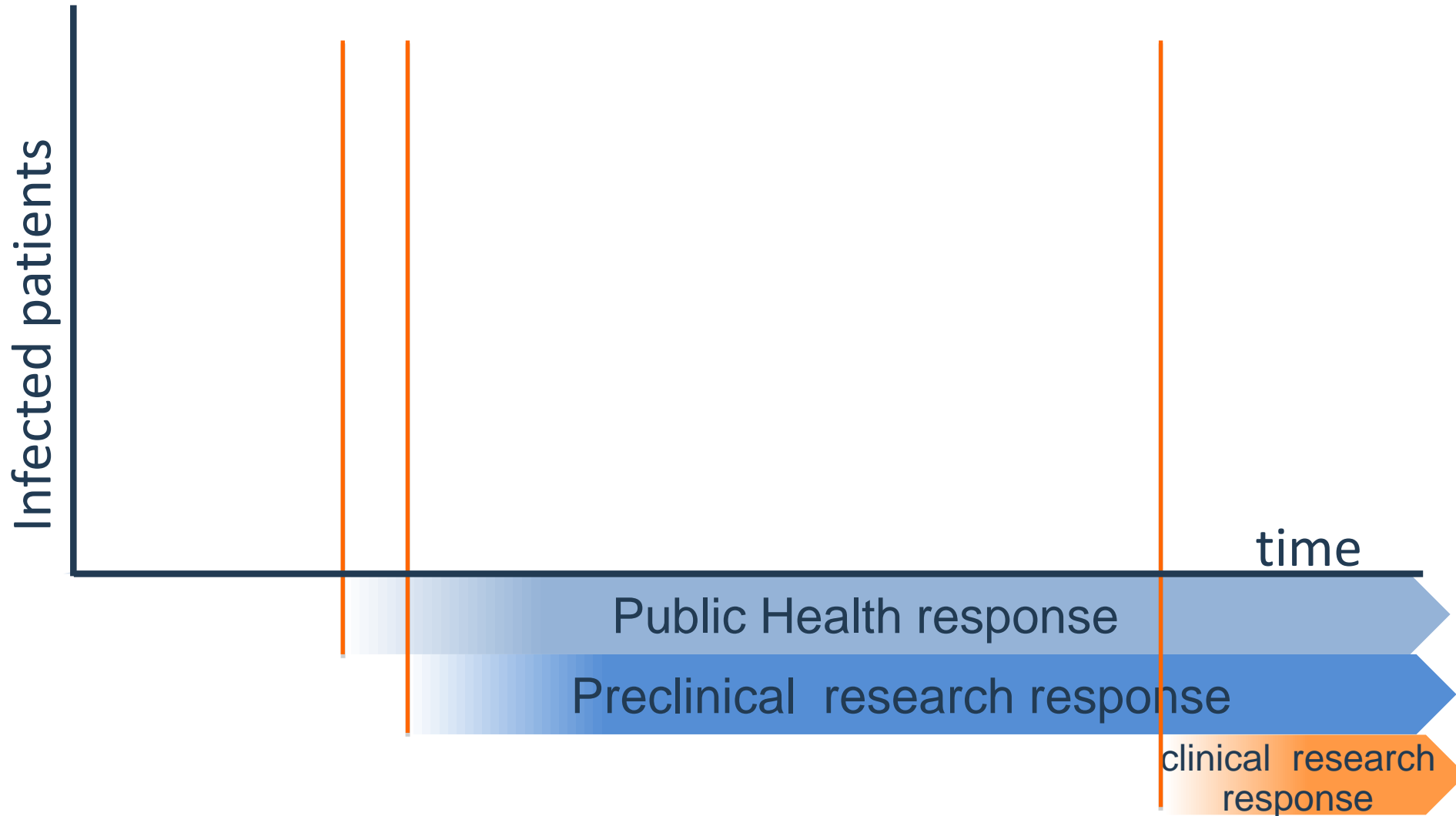


- Missed opportunity to improve patient outcomes and collect evidence to inform future clinical management and control strategies



- Need for European framework for clinical research built into epidemic responses

# Clinical research responses to ID outbreaks are usually fragmented and too late



## PREPARE mission

To establish PREPARE as the European clinical research framework

- for harmonised large-scale clinical research studies on infectious diseases
- prepared to rapidly respond to any severe infectious disease outbreak
- providing real-time evidence for clinical management of patients and for informing public health responses

2014-2019

>31 partners: academia, clinical networks, societies, industry across Europe

Coordinator:

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(University of Antwerp)

Deputy Coordinator:

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(Academic Medical Center Amsterdam)

# Networks



## Primary and Secondary Care

- 600 primary care sites
- 700 hospital sites
- 35 European countries



# Arthropod (Arboviruses) (re-)emerging threat in Europe

- Host to a range of arboviruses of clinical significance
- Increasing pressure on European health and health systems
- Increase in notifications, but gaps in surveillance and reporting
- Invasive mosquitoes (*Aedes albopictus*, *Aedes aegypti*) re-emerged in Europe through travel and trade
- Increase in geographical spread of vectors and viruses



All presentations will be available on the PREPARE Virtual learning platform after the workshop

A link will be e-mailed to all participants once uploaded