

PREPAREing for (Re-)Emerging Arbovirus Infections in Europe

Bucharest

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EU-PREPARE/ESCMID/ESGITM



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



Platform for European Preparedness against (re-) emerging epidemics



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:

Herman Goossens
(University of Antwerp)

Deputy Coordinator:

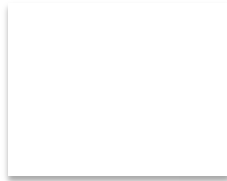
Menno de Jong
(Academic Medical Center Amsterdam)

Networks



Primary and Secondary Care

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



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

Arboviruses in Europe



- ECDC notifications shows increasing pressure on European health and health systems from arbovirus infections
- Increase in notifications and outbreaks in recent decades¹
- Gaps in surveillance data and reporting¹
- Emerging CNS or haemorrhagic fever infections in Europe through arthropod borne viruses likely²

1. ECDC annual report (2014)

2. Eurosurveillance (2010). Crimean Congo Haemorrhagic Fever in Europe: current situation call for preparedness

Work packages (WPs)

- WP1: Identify bottlenecks for rapid research responses
- WP2: Map clinical management of severe ID - inform pre-approved research protocols
- **WP3-7: Clinical studies for rapid research responses to epidemics and pandemics & forward knowledge**
- WP8: Data management platform (Research online)
- WP9: Education and training

Expanding and strengthening clinical networks across Europe

PREPARE WP3 studies

- Multi-centre European study of MAJOR Infectious Disease Syndromes (MERMAIDS)
- Harmonised, large scale observational clinical studies across Europe:
 - **Arbovirus compatible febrile illnesses in adults**
 - Acute Respiratory Infections in adults
 - Sepsis-like syndrome in infants and ARI in children

Presentations

- An electronic evaluation form will be sent by e-mail after the workshop
- All presentations will be available on the PREPARE Virtual learning platform after the workshop
- A link will be e-mailed to all participants after the workshop