

Partners

Coordinator:

Robert Koch-Institut, RKI
Berlin, Germany

ROBERT KOCH INSTITUT



Co-Coordinator:

National Institute for Infectious
Diseases "L. Spallanzani", INMI
Rome, Italy



Associated Partners:

AGES, Austria
CODA-CERVA, Belgium
FLI, Germany
ISS, Italy
SMI-NIB, Sweden
HPA-NIB, UK
THL, Finland
NKUA, Greece
NCEBACT, Hungary
NPHSL, Lithuania
NIPH, Norway
PZH, Poland
BIOEF, Spain
RIVM, The Netherlands
IZSPB, Italy
NCIPD, Bulgaria

IMBBw, Germany
INSA, Portugal
SUJCHBO, Czech Rep.
IZSLER, Italy
ISC III, Spain
DGA, France
NVRI, Poland
DTU, Denmark
TA, Estonia
LIC, Latvia
BNI, Germany
HPA-NIV, UK
PUM, Germany
SMI-NIV, Sweden
INSERM, France

Collaborating Partners:

FOCP-NIB, Switzerland
FOCP-NIV, Switzerland
LNS, Luxembourg

CRSSA, France
NCE-NIV, Hungary
DG ENTR, EU

General Objectives

- ❖ The Joint Action (JA) aims to link and consolidate two existing networks on highly infectious bacteria and viruses emerged from the EU funded projects EQADeBa/ENHPB, coordinated by the Robert Koch-Institut (RKI), Germany, and the ENP4 Lab coordinated by National Institute for Infectious Diseases (INMI), Italy.



Mixed sample containing *Yersinia pestis*

- ❖ The JA contributes to provide an integrated European laboratory infrastructure and strategy to protect European citizens against exposure to a panel of globally recognized high threat bacteria and viruses, which occur naturally and are potential bioterrorism agents.

Specific Objectives

Horizontal Work Packages

- ❖ Project **coordination** as planned
- ❖ **Dissemination** of information between partners and to the public
- ❖ Continuous **evaluation** process

Core Work Packages

- ❖ Performance of at least 6 bacterial and viral **EQAEs** (External Quality Assurance Exercises) of various complexity
- ❖ **Repository** of characterized isolates, clinical and environmental samples of infectious pathogens (risk group 3 and 4)
- ❖ Improvement of laboratory diagnostics by exchange of practical laboratory based **training** between partners
- ❖ Improvement and dissemination of checklists outlining **biosafety and biosecurity** issues for risk group 3 and 4 pathogens
- ❖ **Recommendations** to support coordination of laboratory activities for outbreak response



Expected Outcomes

- ❖ The laboratory preparedness for the diagnostic of highly pathogenic agents will be evaluated and further improved
- ❖ Contribution to maintain European capacity building for the detection and identification of highly infectious bacteria and viruses based on national and international cooperation
- ❖ Consolidation of the existing networks will ensure European laboratory preparedness to manage natural and deliberate outbreaks of high consequence pathogens
- ❖ This structure will provide the necessary early response capabilities to support and inform public health control measures, clinical patient management, epidemiological and forensic investigations
- ❖ Intervention activities to support the coordination of response to cross-border highly infectious pathogens will be documented and developed



Transport of highly infectious pathogens in special boxes at 2- 4 °C

QUANDHIP



QUANDHIP is an EU funded Joint Action (EAHC n° 2010 21 02), coordinated by the Robert Koch-Institut (RKI), Germany, and carried out in cooperation with 32 Associated Partners and currently 6 Collaborating Partners from 23 European countries.

This Joint Action started in August 2011 and is running for 36 months.

Project details:

Duration of the project: 3 years
Total costs: 6.631.963 €
EU contribution: 3.315.982 €

Contact:

Roland Grunow
Robert Koch-Institut / ZBS2
Nordufer 20
D-13353 Berlin
Tel.: +49-30-18754-2100
GrunowR@rki.de

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QUANDHIP



Quality Assurance Exercises and Networking on the Detection of Highly Infectious Pathogens

EU Joint Action
2011 - 2014

<http://www.quandhip.eu>

