EU Health Programme projects with relevance in Virology - 02 December 2013
Biological and chemical threats assessment and management projects: laboratories capacity networks

- **ENP4lab**, European Network of P4 laboratories, INMI (IT), [http://www.euronetp4.eu](http://www.euronetp4.eu)
- **HEIBL expert meeting**- Harmonizing European Initiatives of high-level Biocontainment Laboratories expert meeting, May 2010
- **QUANDHIP**, Quality Assurance Exercises and Networking on the Detection of Highly Infectious Pathogens, RKI (DE), [http://www.rki.de/EN/Content/Prevention/QUANDHIP/QUANDHIP_node.html](http://www.rki.de/EN/Content/Prevention/QUANDHIP/QUANDHIP_node.html)
European Network of P4 laboratories, INMI (IT),

Start: October 2007   Ends: March 2011

Outputs

• Lists of existing European P4 laboratories and experts associated with each laboratory and diagnostic capabilities, constantly updated and available on the project’s web site.

• Developing of a biosafety and biosecurity checklist, to be used to perform internal and external biosafety audits.

• External Quality Assurance exercises for the diagnosis of Arenaviruses, Orthopoxviruses, Filoviruses, and Nipah, Hendra, and CCHF viruses.

• Feasibility study for establishing a European mobile laboratory, including cost estimates and definition of a road map.
## Diagnostic capability 2007-2010 (BSL4-Labs)

<table>
<thead>
<tr>
<th></th>
<th>BNI Hamburg</th>
<th>Inserm Lyon</th>
<th>HPA London</th>
<th>HPA Porton Down</th>
<th>IMNI Rome</th>
<th>PUM Marburg</th>
<th>SMI Stockholm</th>
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<tr>
<td><strong>EBOV</strong></td>
<td>RT-PCR</td>
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<td><strong>MARV</strong></td>
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<td>RT-PCR; AG</td>
<td>RT-PCR</td>
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<td>IFA, ELISA</td>
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<td><strong>ARENA</strong></td>
<td>RT-PCR</td>
<td>RT-PCR; AG</td>
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<td>ELISA</td>
<td>IFA</td>
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<td>IFA</td>
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<tr>
<td><strong>CCHF</strong></td>
<td>RT-PCR</td>
<td>RT-PCR</td>
<td>RT-PCR</td>
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<td>IFA, ELISA</td>
<td>IFA, ELISA</td>
<td>IFA</td>
<td>IFA, WB</td>
<td>IFA</td>
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<tr>
<td>Nipah/ Hendra</td>
<td>RT-PCR</td>
<td>RT-PCR</td>
<td>RT-PCR</td>
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<td>ELISA</td>
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<td>WB</td>
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<td>Ortho-pox</td>
<td>PCR</td>
<td>PCR</td>
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Episouth plus- a Network for the Control of Public Health Threats and other bio-security risks in the Mediterranean Region and Balkans, ISS (IT)

Start: 01/09/2010  End: 31/01/2014

EU co-funding by SANCO/ EAHC and DEVCO, http://www.episouthnetwork.org/

Outputs:

• Establishment of the Mediterranean Laboratory network, training in laboratory management, diagnosis of Dengue and Western Nile and biosecurity and biosafety practice, collaboration ENIVD and INMI
  • Inventory and piloting of the Directory of Regional Laboratories
  • Preliminary recommendations on training and capacity building needs, laboratory management, laboratory practice and biosafety and biosecurity practices
  • One week training module about Dengue at Pasteur Institute, Paris, 2-6 July 2012
  • One week training module about West Nile at INMI, Rome
  • Stages at Pasteur Institute and INMI (on BSL3 laboratory practice)
QUANDHIP, Quality Assurance Exercises and Networking on the Detection of Highly Infectious Pathogens

Coordinator: RKI (DE) & Co-Coordinator: INMI (IT),
http://www.rki.de/Quandhip/EN/Home/Homepage_node.html

39 laboratories from 23 countries were designated by Ministries of Health
Start: August 2011
Ends: July 2014

Outputs

• Proficiency tests (EQAEs), to develop diagnostic capacities BSL3 (NIB) and BSL4 (NIV): 1st EQAE and preparation 2nd EQAE (March 2013)
• Repository of quality assured reference material
• Practical laboratory training programme: needs assessment and training plan
• Common SOP, checklist on biosafety and biosecurity
• Support to laboratory outbreak response coordination, in case of specific need from EU MS: working group produced draft SOP and letter of intent to collaborate QUANDHIP-ENIVD
QUANDHIP Participants

Participants:
39 Partners from 23 European countries

1 Main Partner
32 Associated Partners
6 Collaborating Partners

Coordinator: RKI, Germany
Co-Coordinator: INMI, 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

Collaborating Partners:
FOCP-NIB, Switzerland
FOCP-NIV, Switzerland
LNS, Luxembourg
CRSSA, France
NCE-NIV, Hungary
DG ENTR, EU
### Target Agents in Focus

<table>
<thead>
<tr>
<th>Bacteria</th>
<th>Viruses</th>
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<tr>
<td><em>Bacillus anthracis</em></td>
<td>Filoviruses (Ebola Hemorrhagic Fever)</td>
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<tr>
<td><em>Francisella tularensis</em></td>
<td>Arenaviruses (Lassa Hemorrhagic Fever)</td>
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<tr>
<td><em>Yersinilis pestis</em></td>
<td>Bunyaviruses (Crim Congo Hemorrhagic Fever)</td>
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<td><em>Burkholderia mallei</em></td>
<td>Orthopoxviruses</td>
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<tr>
<td><em>Burkholderia pseudomallei</em></td>
<td>Paramyxoviruses like Nipah and Hendra viruses.</td>
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<tr>
<td><em>Brucella sp.</em></td>
<td>New viruses</td>
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<td><em>Coxiella burnetii</em></td>
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</table>
HIV/AIDS projects access to testings for HIV, viral hepatitis and other STI

• 2009 - HIV-COBATEST, HIV Community based testing practices in Europe, Fundacion Institut d’Investigacion en Ciences de la Salut Germans Trias I Pujol (ES), http://www.cobatest.org/

• 2009 - Imp.Ac.T - Improving Access to HIV/TB testing for marginalised groups, Fondazione Villa Mariani onlus (IT), http://www.projectimpact.eu

• 2009 - Bordernet work - Highly active prevention: scale up HIV/AIDS/STI prevention, diagnostic and therapy across sectors and borders in CEE and SEE, SPI Forschung GmbH (DE), http://www.bordernet.eu

• 2010 - SIALON II - CAPACITY BUILDING IN COMBINING TARGETED PREVENTION WITH MEANINGFUL HIV SURVEILLANCE AMONG MSM, AOUI - Azienda Ospedaliera Universitaria Integrata (IT), http://www.sialon.eu

• 2013 – EURO-HIV EDAT - Operational knowledge to improve HIV early diagnosis and treatment among vulnerable groups in Europe project (ES), under signature, starting date 01/04/2014

Starting 01/09/2010   Ending: 30/09/2013

Countries: 9 partners from ES, IT, FR, DK, DE, CZ, SI, PL

Objectives: s to promote early diagnosis of HIV infection by improving the implementation and evaluation of community-based testing practices. The project includes a research question to assess acceptability, feasibility and impact of introducing oral rapid test technologies at CBVCT

Outputs:

- HIV-COBATEST Network of 54 CBVCT services
- Core indicators to monitor HIV diagnosis at CBVCT services
- Qualitative Study Report Implementation of CBVCT programs
- Survey Report on Community-Based Testing Services in Europe
- Guide to do it better in our CBVCT centres
2009 - Imp.Ac.T - Improving Access to HIV/TB testing for marginalised groups, Fondazione Villa Mariani onlus (IT), http://www.projectimpact.eu

Starting 29/09/2010   Ending: 31/11/2012

Countries: IT, NL, CZ, SK

Objectives: to improve the access to HIV and TB testing, prevention, treatment and care for Problem drug users (PDU’s) in different European countries. In the Imp.Ac.T. project outreach work has been used to promote a new TB and HIV testing, in street units, drop-in centres and on the streets in 4 European cities: Rome, Turin, Prague and Bratislava.

Results

Guide Manual on HIV and TB Testing for DUs and migrants in low-threshold services

Training manual on HIV/TB rapid testing of DUs/migrants in low-threshold services

Starting 01/01/2010   Ending 31/12/2012

Countries: DE, PL, BG, EE, LV, RO, SK

Objective: to improve prevention, diagnostic and treatment of HIV/AIDS (incl. co-infections) and sexually transmissible infections (STIs) through bridging gaps in practice, policies and cross-country cooperation

Results:

• Desk review report on HIV/STI services for vulnerable groups,
• Country profiles on access to early HIV and STI diagnostics for vulnerable groups
• Self-assessment of the voluntary counselling and testing services,
• A practical recommendation guide, Improving access to early HIV/STI diagnostics for vulnerable groups. Learning from practice
2010 - SIALON II - CAPACITY BUILDING IN COMBINING TARGETED PREVENTION WITH MEANINGFUL HIV SURVEILLANCE AMONG MSM, AOUI - Azienda Ospedaliera Universitaria Integrata (IT), http://www.sialon.eu

Starting 01/11/2011 Ending 31/01/2015

Countries: IT (6 Italian cities funded IT MoH), BE, BG, DE, SK, ES, PL, LT, SE, SI, IT, RO, PT, UK

Objectives: to implement innovative behaviour surveillance among MSM and implement targeted prevention campaigns and VCT promotion, using Time Location Sampling (TLS) and Respondent Driven Sampling (RDS) methods

Results:

• Formative research report presents the results of the study carried out for 13 SIALON II countries.

Training module for data collectors, Time Location Sampling

SIALON II Prevention Manual
Vaccine preventable diseases projects

• 2005 – Flusecure – Timely and sufficient production of pandemic influenza vaccines for the EU, [www.flusecure.eu](http://www.flusecure.eu), vaccine seed strains, vaccine adjuvants

• 2009 Promovax – Promoting vaccinations among migrant populations in Europe, [www.promovax.eu](http://www.promovax.eu)


• 2010- H ProImmune – Promotion of Immunisation for Health Professionals in Europe, [www.hproimmune.eu](http://www.hproimmune.eu)
Projects to improve laboratories’ diagnostic capabilities

Under the 2003-2008 and 2008-2013 Health Programmes, the Executive Agency for Health and Consumers (EAHC) is coordinating 8 projects. The European Centre for Disease Control and Prevention (ECDC) also funds and coordinates 12 other laboratory-cooperation projects.

Projects coordinated by the EAHC

1. **European Network of P4 Laboratories (ENP4 Lab)**
   - **Objective**: To better enable EU actors to detect emerging viruses (risk Group 4).
   - **Key results**: Inventory of EU P4 Laboratories capabilities (including the agents of expertise), development of a checklist for bio-safety and bio-security audits, standardisation of Group 4 agents diagnostics through quality assurance exercises and the elaboration of a Mobile laboratory feasibility study report.

2. **Establishment of quality assurances for detection of highly pathogenic bacteria of potential terrorism risk (EGADoB)***
   - **Objective**: To validate and improve diagnostic capacities for bacteria (risk group 3).
   - **Key results**: Establishment of a repository of quality-controlled reference samples of high-threat bacteria, performance of 3 external quality assurance exercises (EGQA), creation of a bio-safety and bio-security questionnaire (tested during the EGQA), development of a training programme for laboratory assurance of quality, bio-safety and bio-security.

Project database

This database includes information about projects, joint actions, conferences, and operating grants funded through calls for proposals in the years 2005 to 2012 under the previous EU Public Health Programme and the current EU Health Programme 2008-2013.

The system is under revamping.

Quick links: Default (two last available years)  
- By Programme Show  
- By Years Show  
- By Financing Instrument Show  
- By Country Show  
- By Portfolio Show

- All proposals
- Search: Simple
- Search: Advanced

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587 records

Conference - 2011 - 201110001  
First European Day of the Brain, Ageing, Stroke and Alzheimer’s Disease - finding innovative solutions.

The conference objective is to bring stakeholders together to discuss major brain diseases, i.e. stroke and Alzheimer disease in the societal context in order to highlight the imbalance between the societal and individual costs of brain disease, and the resources allocated to dealing with the problem, and to help build a more coordinated European research strategy to tackle it better in future. An analysis of the burden and cost of the disease in question will take place, and will then allow ...
Thank you for your attention, any questions?