Building data bridges between biological and medical infrastructures in Europe

Fact Sheet

Project Information

**BIOMEDBRIDGES**
Grant agreement ID: 284209

Funded under
FP7-INFRASTRUCTURES

Status
Closed project

Overall budget
€ 13 729 287,62

EU contribution
€ 10 494 998,69

Start date
1 January 2012

End date
31 December 2015

Coordinated by
EUROPEAN MOLECULAR BIOLOGY LABORATORY
Germany

This project is featured in...

RESEARCH*EU MAGAZINE
New horizons for the textile value chain

Objective

The ESFRI infrastructures in Biological and BioMedical Sciences face substantial
challenges in accessing and sharing data and resources. The BioMedBridges consortium brings together the six established ESFRI infrastructures with common goals to define, implement and deliver data interoperability across the biological and biomedical domains.

The first objective is to ensure that interoperable standards are available across all data resources and services shared by two of more ESFRI infrastructure. The identified standards will be implemented to enable data interoperation between ESFRI projects in biomedical sciences.

Public data in life sciences will be freely accessible through these standard interoperable services. Private data, however, is a major concern in this domain, for medical information or for data with intellectual property issues. Where projects need to share sensitive data, standards for secure and restricted access will be identified and implemented.

BioMedBridges is a practical solution to the data interoperability requirements of infrastructures in the biological and biomedical domains. A suite of use cases will guide the development and deployment of standards and services with emphasis on the issues arising between specific projects. These may cover the exchange of biomedical and genetic data, linking mouse model organism data with human clinical information, and the deposition of large volumes of data from one project to another.

BioMedBridges is inclusive of emerging infrastructures which can contribute additional data classes and challenges such as bioimaging, ecosystems, small molecules and infectious diseases.

The ESFRI infrastructures leading BioMedBridges are ELIXIR, BBMRI, EATRIS, ECRIN, InfraFrontier and INSTRUCT.

Field of science

/medical and health sciences/health sciences/infectious disease
/social sciences/sociology/governance/public services

Programme(s)

Topic(s)

Call for proposal

FP7-INFRASTRUCTURES-2011-1

Funding Scheme

CP-CSA-Infra - Combination of CP and CSA
Coordinator

EUROPEAN MOLECULAR BIOLOGY LABORATORY

Address
Meyerhofstrasse 1
69117 Heidelberg
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Activity type
Research Organisations

EU contribution
€ 3 699 483,96

Website
Contact the organisation

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Participants (24)

THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD

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KAROLINSKA INSTITUTET

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Agneta Häggström (Ms.)
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<td>Tracey Kelly (Ms.)</td>
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STAZIONE ZOOLOGICA ANTON DOHRN

Italy

EU contribution

€ 11 328

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80121 Napoli

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TMF - TECHNOLOGIE UND METHODENPLATTFORM FUR DIE VERNETZTE MEDIZINISCHE FORSCHUNG EV

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10117 Berlin

Activity type
Research Organisations

Website
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BIOBANKS AND BIOMOLECULAR RESOURCES RESEARCH INFRASTRUCTURE CONSORTIUM (BBMRI-ERIC)

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Activity type
Research Organisations

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INFRAFRONTIER GMBH

Germany

EU contribution
€ 4 800
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Website: [Contact the organisation](#)

Administrative Contact
Michael Raess (Dr.)

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Administrative Contact
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**Record number**: 101852

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