

Resource Summary Report

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Biobanking and Biomolecular Resources Research Infrastructure (BBMRI)

RRID:SCR_004226

Type: Tool

Proper Citation

Biobanking and Biomolecular Resources Research Infrastructure (BBMRI)
(RRID:SCR_004226)

Resource Information

URL: <http://bbmri-eric.eu>

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Description: BBMRI is a pan-European and internationally broadly accessible research infrastructure and a network of existing and de novo biobanks and biomolecular resources. The infrastructure will include samples from patients and healthy persons, representing different European populations (with links to epidemiological and health care information), molecular genomic resources and biocomputational tools to optimally exploit this resource for global biomedical research. During the past 3 years BBMRI has grown into a 53-member consortium with over 280 associated organizations (largely biobanks) from over 30 countries, making it the largest research infrastructure project in Europe. During the preparatory phase the concept of a functional pan-European biobank was formulated and has now been presented to Member States of the European Union and for associated states for approval and funding. BBMRI will form an interface between specimens and data (from patients and European populations) and top-level biological and medical research. This can only be achieved through a distributed research infrastructure with operational units in all participating Member States. BBMRI will be implemented under the ERIC (European Research Infrastructure Consortium) legal entity. BBMRI-ERIC foresees headquarters (central coordination) in Graz, Austria, responsible for coordination of the activities of National Nodes established in participating countries. BBMRI is in the process of submitting its application to the European Commission for a legal status under the ERIC regulation, with an expected start date at the end of 2011. Major synergism, gain of statistical power and economy of scale will be achieved by interlinking, standardizing and harmonizing - sometimes even just cross-referencing - a large variety of well-qualified, up-to date, existing and de novo national resources. The network should cover (1) major European biobanks with blood, serum, tissue or other biological samples, (2) molecular methods resource centers for human and model organisms of biomedical relevance, (3)

and biocomputing centers to ensure that databases of samples in the repositories are dynamically linked to existing databases and to scientific literature as well as to statistical expertise. Catalog of European Biobanks www.bbmriportal.eu Username: guest / Password: catalogue The catalogue is intended to be used as a reference for scientists seeking information about biological samples and data suitable for their research. The BBMRI catalogue of European Biobanks provides a high-level description of Europe's biobanks characteristics using a portal solution managing metadata and aggregate data of biobanks. The catalogue can be queried by country, by biobank, by ICD-groups, by specimen types, by specific strengths, by funding and more. A search function is available for all data.

Abbreviations: BBMRI

Synonyms: Biobanking and Biomolecular Resources Research Infrastructure, BBMRI: Biobanking Biomolecular Resources Research Infrastructure, Biobanking Biomolecular Resources Research Infrastructure, BBMRI: Biobanking and Biomolecular Resources Research Infrastructure, Biobanking Biomolecular Resources Research Infrastructure (BBMRI)

Resource Type: biomaterial supply resource, material resource

Keywords: blood, serum, tissue, dna, cdna, rna, plasma, cell line, bodily fluid, urine, blood cell isolate, buffy coat, patient, healthy, normal, cryopreserved, paraffin embedded, clinical data

Related Condition: All, Patient, Healthy, Normal

Funding: European Union

Availability: Public: The catalogue is intended to be used as a reference for scientists seeking information about biological samples and data suitable for their research.

Resource Name: Biobanking and Biomolecular Resources Research Infrastructure (BBMRI)

Resource ID: SCR_004226

Alternate IDs: nlx_24389

Old URLs: <http://www.bbmri.eu/index.php>

Record Creation Time: 20220129T080223+0000

Record Last Update: 20260808T190454+0000

Ratings and Alerts

No rating or validation information has been found for Biobanking and Biomolecular Resources Research Infrastructure (BBMRI).

No alerts have been found for Biobanking and Biomolecular Resources Research Infrastructure (BBMRI).

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 33 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Bruno V, et al. (2026) Unlocking personalized endometrial cancer treatment: the critical role of the BBIRE biobank in sample collection and distribution. *Frontiers in molecular biosciences*, 13, 1748347.

Greco S, et al. (2026) Diagnostic potential of circular RNAs in carotid atherosclerotic plaque vulnerability. *Non-coding RNA research*, 18, 118.

, et al. (2026) Abstracts from EHRCON25-openEHR International Conference 2025. *BMC proceedings*, 20(Suppl 12).

Alper P, et al. (2025) RDMkit: A research data management toolkit for life sciences. *Patterns (New York, N.Y.)*, 6(9), 101345.

Rujano MA, et al. (2024) Sharing sensitive data in life sciences: an overview of centralized and federated approaches. *Briefings in bioinformatics*, 25(4).

Pistollato F, et al. (2024) What public health challenges and unmet medical needs would benefit from interdisciplinary collaboration in the EU? A survey and multi-stakeholder debate. *Frontiers in public health*, 12, 1417684.

David R, et al. (2023) "Be sustainable": EOSC-Life recommendations for implementation of FAIR principles in life science data handling. *The EMBO journal*, 42(23), e115008.

Kanakoglou DS, et al. (2022) Laying the groundwork for the Biobank of Rare Malignant Neoplasms at the service of the Hellenic Network of Precision Medicine on Cancer. *International journal of oncology*, 60(3).

Sivolella S, et al. (2022) Biobanking in dentistry: A review. *The Japanese dental science review*, 58, 31.

Samuel G, et al. (2022) Exploring how biobanks communicate the possibility of commercial access and its associated benefits and risks in participant documents. *BMC medical ethics*, 23(1), 95.

Jones SE, et al. (2022) The public health impact of poor sleep on severe COVID-19, influenza and upper respiratory infections. *medRxiv : the preprint server for health sciences*.

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Brzdil T, et al. (2022) Automated annotations of epithelial cells and stroma in hematoxylin-eosin-stained whole-slide images using cytokeratin re-staining. The journal of pathology. Clinical research, 8(2), 129.

Devriendt T, et al. (2021) An agenda-setting paper on data sharing platforms: euCanSHare workshop. Open research Europe, 1, 80.

Oldoni E, et al. (2021) Biomarker Research and Development for Coronavirus Disease 2019 (COVID-19): European Medical Research Infrastructures Call for Global Coordination. Clinical infectious diseases : an official publication of the Infectious Diseases Society of America, 72(10), 1838.

Harrow J, et al. (2021) ELIXIR: providing a sustainable infrastructure for life science data at European scale. Bioinformatics (Oxford, England), 37(16), 2506.

Petersen FC, et al. (2020) COVID-19: Looking Into the Overlooked. Frontiers in molecular biosciences, 7, 165.

Cannovo N, et al. (2020) Ethical and deontological aspects of pediatric biobanks: the situation in Italy. Cell and tissue banking, 21(3), 469.

, et al. (2020) Thank you for sharing. Nature biotechnology, 38(9), 1005.

Boycott KM, et al. (2019) International collaborative actions and transparency to understand, diagnose, and develop therapies for rare diseases. EMBO molecular medicine, 11(5).