Resource Summary Report

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EuroBioBank

RRID:SCR_003599
Type: Tool

Proper Citation

EuroBioBank (RRID:SCR_003599)

Resource Information

URL: http://www.eurobiobank.org/

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Description: The EuroBioBank network is the first operating network of biobanks in Europe providing human DNA, cell and tissue samples as a service to the scientific community conducting research on rare diseases. It is the only network dedicated to rare disease research in Europe. By creating a critical mass of collections and facilitating the exchange of biological material, the EuroBioBank network helps accelerate research on these diseases. * Over 440,000 samples are available across the network and can be requested via the online catalogue. Approximately 13,000 samples are collected each year and 7,000 samples distributed in Europe and beyond. The biological samples are obtained from patients affected by rare diseases, including rare neuromuscular disorders. * The EuroBioBank Network is currently composed of 18 members, of which 16 biobanks from 8 European countries (France, Germany, Hungary, Italy, Malta, Slovenia, Spain and the United-Kingdom) as well as Israel and Canada. Goals * Identify and localize biological material of interest to researchers * Build a critical mass of rare disease sample collections * Distribute high quality material and associated data to users * Promote best-practice guidelines for biobanking activities * Disseminate knowledge and know-how to the scientific community through training courses * Enhance collaboration with the medical and scientific community in the field of rare diseases EuroBioBank acts as a clearing house or virtual bank, with all samples listed in the central online catalogue remaining in the possession of the member biobanks, where they are located and can be requested. The network was established by patients and researchers to facilitate research on rare diseases by guaranteeing quick and easy access to samples via an online catalogue. The catalogue lists the samples available throughout the EuroBioBank network by type of biomaterial. A search engine enables a search by disease or by bank contact. Once a sample has been located in the catalogue, it can be requested by email. Therefore, the biological material is exchanged faster. If a sample does not appear in the EuroBioBank catalogue, help can be provided to further search it at: eurobiobank (at) telethon.it Funding and Collaboration Originally funded by the EC between 2003-2006, the EuroBioBank received further EC support between 2007-2011 within the European Network of

Excellence TREAT-NMD (FP6), which covered the cost sustained by Eurordis for the network coordination and website hosting. Each biobank of the network is financed by its own Institution or charitable organization. As of January 2012, the Fondazione Telethon provides the administrative support for coordinating the EuroBioBank network and hosting the website.

Abbreviations: EBB Network

Synonyms: EuroBioBank: European Network of DNA Cell and Tissue BioBanks for Rare Diseases

Resource Type: biomaterial supply resource, material resource, tissue bank

Keywords: rare disease, catalog, cell, dna, tissue, myoblast, fibroblast, myocyte, cardiomyocyte, epithelial cell, rare disease, rare neuromuscular disorder, myasthenia gravis, inflammatory myopathy, glycogen storage disease, mitochondrial myopathy, muscular dystrophy, malignant hyperthermia, congenital myopathy, myotonic disorder, duchenne dystrophy

Related Condition: Rare disease, Rare neuromuscular disorder, Myasthenia gravis, Inflammatory myopathy, Glycogen storage disease, Mitochondrial myopathy, Muscular dystrophy, Malignant hyperthermia, Congenital myopathy, Myotonic disorder, Duchenne dystrophy, Etc.

Funding: European Union ;
Treat-NMD

Availability: Public: provides human DNA, Cell and tissue samples as a service to the scientific community conducting research on rare diseases. Over 440, 000 samples are available across the network and can be requested via the online catalogue. Approximately 13, 000 samples are collected each year and 7, 000 samples distributed in Europe and beyond.

Resource Name: EuroBioBank

Resource ID: SCR_003599

Alternate IDs: nlx_12526

Record Creation Time: 20220129T080219+0000

Record Last Update: 20260829T182929+0000

Ratings and Alerts

No rating or validation information has been found for EuroBioBank.

No alerts have been found for EuroBioBank.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 75 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Zamperoni M, et al. (2026) EMILIN1 emerges as a TGF??/SETDB1-regulated secreted biomarker in Duchenne muscular dystrophy. Cell death & disease, 17(1).

Xirouchaki CE, et al. (2026) A decline in skeletal muscle NOX4 abrogates exercise-induced adaptive homeostasis and exacerbates biological aging. Science advances, 12(24), eadz1953.

Faravelli I, et al. (2025) Targeted antisense oligonucleotide treatment rescues developmental alterations in spinal muscular atrophy organoids. Nature communications, 17(1), 988.

Souza LS, et al. (2025) Impaired myogenesis in limb girdle muscular dystrophy type 2B. Scientific reports, 15(1), 33948.

de Vries GM, et al. (2025) Ageing Signatures and Disturbed Muscle Regeneration in Muscle Proteome of Inclusion Body Myositis. Journal of cachexia, sarcopenia and muscle, 16(3), e13845.

Falcucci L, et al. (2025) Transcriptional adaptation upregulates utrophin in Duchenne muscular dystrophy. Nature, 639(8054), 493.

Hermitte C, et al. (2025) Alternative Splicing of SORBS1 Affects Neuromuscular Junction Integrity in Myotonic Dystrophy Type 1. Journal of cachexia, sarcopenia and muscle, 16(6), e70112.

Doni D, et al. (2025) A novel mutation in FDX2 provides insights into the pathogenesis of MEOAL mitochondrial neuromuscular disease. Cell death & disease, 17(1), 59.

Lemoine J, et al. (2024) Correction of exon 2, exon 2-9 and exons 8-9 duplications in DMD patient myogenic cells by a single CRISPR/Cas9 system. Scientific reports, 14(1), 21238.

McCormack NM, et al. (2023) Deletion of miR-146a enhances therapeutic protein restoration in model of dystrophin exon skipping. bioRxiv : the preprint server for biology.

Cittadini C, et al. (2023) Effects of the Rho GTPase-activating toxin CNF1 on fibroblasts derived from Rett syndrome patients: A pilot study. Journal of cellular and molecular medicine, 27(10), 1315.

Lemerle E, et al. (2023) Caveolae and Bin1 form ring-shaped platforms for T-tubule initiation. eLife, 12.

Roth F, et al. (2022) Assessment of PABPN1 nuclear inclusions on a large cohort of patients and in a human xenograft model of oculopharyngeal muscular dystrophy. Acta neuropathologica, 144(6), 1157.

Cheroni C, et al. (2022) Benchmarking brain organoid recapitulation of fetal corticogenesis. Translational psychiatry, 12(1), 520.

Rizzuti M, et al. (2022) Insights into the identification of a molecular signature for amyotrophic lateral sclerosis exploiting integrated microRNA profiling of iPSC-derived motor neurons and exosomes. Cellular and molecular life sciences : CMLS, 79(3), 189.

Bensalah M, et al. (2022) A negative feedback loop between fibroadipogenic progenitors and muscle fibres involving endothelin promotes human muscle fibrosis. Journal of cachexia, sarcopenia and muscle, 13(3), 1771.

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

Cheng C, et al. (2022) VCP/p97 inhibitor CB-5083 modulates muscle pathology in a mouse model of VCP inclusion body myopathy. Journal of translational medicine, 20(1), 21.

Shao C, et al. (2022) C19orf12 ablation causes ferroptosis in mitochondrial membrane protein-associated with neurodegeneration. Free radical biology & medicine, 182, 23.

Vogt G, et al. (2021) Expanding the clinical and molecular spectrum of ATP6V1A related metabolic cutis laxa. Journal of inherited metabolic disease, 44(4), 972.