

Resource Summary Report

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BioRep

RRID:SCR_004907

Type: Tool

Proper Citation

BioRep (RRID:SCR_004907)

Resource Information

URL: <http://www.biorep.it/en>

Proper Citation: BioRep (RRID:SCR_004907)

Description: Offer biorepository services to public and private research institutes, to the highest standards of quality and safety with the aim of contributing to the advancement of medical research and scientific discovery. The BioRep Cell Repository establishes, maintains and distributes cell line cultures as well as DNA derived from these cultures. The scientific and business affiliation between BioRep and Coriell allows access to more than a million types of cell vials, stored in liquid nitrogen. Cells that have been stored for nearly 50 years, are still viable and available for research purposes today. Thanks to an exclusive agreement with the Coriell Institute for Medical Research, the oldest and largest biorepository of the world, BioRep is specialized in cell lines preparation, in nucleic acid extraction and long term storage in liquid nitrose (-196 degrees C) and in refrigerators (-80 degrees C) of any kind of biosamples, using procedures and standards developed by the Coriell in over 50 years of activity. BioRep and Coriell together constitute one of the few Global Biorepository able to serve the pharmaceutical industries for world wide clinical trials. BioRep facility is specifically designed to give the utmost efficiency and security by implementing Coriell procedures and standards. The BioRep Tissue Repository provides safe and secure storage of tissue specimens as required for medical research and scientific investigation. All tissues are preserved with the most current preservation techniques and processes. In addition to the storage service, BioRep provides Cell Biology, Molecular Biology, Microbiology services developed in ISO 9001:2008 certified laboratories.

Abbreviations: BioRep

Resource Type: biomaterial supply resource, cell repository, material resource

Keywords: chromosome analysis, dhplc analysis, methylation, genotyping, gender analysis, sequencing service, nucleic acid isolation, catalog, cell line, dna, cell, tissue, frozen, liquid nitrogen, vapor nitrogen, refrigerator, fixed, paraffin embedded, slide,

cryogenic, paraffin block, cryopreserved, molecular biology, microbiology, cytogenetics, media preparation, tissue microarray, cell array, frozen array, cell biology, research, transplantation, custom, blood, tissue, ebv transformed lymphoblast culture, fibroblast cell culture, nucleic acid, sequence, mycoplasma, karyotype

Availability: Public: offer biorepository services to public and private research institutes, To the highest standards of quality and safety. BioRep is one of the few ""Global Biorepository"" able to serve the pharmaceutical industries for world wide clinical trials.

Resource Name: BioRep

Resource ID: SCR_004907

Alternate IDs: nlx_87504

Old URLs: <http://www.biorep.it/eng/>

Record Creation Time: 20220129T080227+0000

Record Last Update: 20260821T042642+0000

Ratings and Alerts

No rating or validation information has been found for BioRep.

No alerts have been found for BioRep.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 187 mentions in open access literature.

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

Hogrebe NJ, et al. (2026) Depolymerizing F-actin accelerates the exit from pluripotency to enhance stem cell-derived islet differentiation. Nature communications, 17(1).

Becker MW, et al. (2026) Beta cell-targeted PD-1 agonist inhibits cell-mediated autoimmunity in pancreas tissue slices. Science advances, 12(14), eaec9029.

Aggarwal S, et al. (2026) RIP kinase inhibition with Necrostatin-1 improves human marginal mass islet graft survival and function for the management of type 1 diabetes. Cell death & disease, 17(1).

Nair AK, et al. (2026) Modelling the effects of human SUR1 R1420H variation on insulin secretory function using isogenic iPSC-derived pancreatic islets. Diabetologia, 69(2), 399.

Campa-Carranza JN, et al. (2026) Profiling Localized Immunomodulation and Drug Biodistribution within a Subcutaneous Vascularized Niche for Cell Transplantation. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(28), e20914.

Hoyeck MP, et al. (2026) Persistent organic pollutant concentrations in human pancreas correlate with markers of beta cell dysfunction. *Nature communications*, 17(1).

Gomez-Muñoz L, et al. (2026) miR-30d-5p promotes beta cell recovery and immunomodulation in type 1 diabetes. *Frontiers in endocrinology*, 17, 1838666.

Sal?k M, et al. (2026) The Shear Bond Strength Between Calcium Silicate-Based Biomaterials and Glass Ionomer Restorative Materials: An In Vitro Comparative Study. *Journal of functional biomaterials*, 17(6).

Kojanova M, et al. (2026) Super-Response to Guselkumab Treatment in Patients With Moderate-to-Severe Psoriasis: Real-World Data With Up to Five Years of Follow-Up in The Czech Republic. *International journal of dermatology*, 65(5), 980.

Panzer JK, et al. (2026) Paracrine inhibition via G protein inwardly rectifying potassium channels regulates glucagon secretion from human pancreatic alpha cells. *Cell reports*, 45(3), 117068.

Stis AE, et al. (2026) Biosensor Cell Array Reveals Temporal GABA Secretion Dynamics from Pancreatic Islets. *bioRxiv : the preprint server for biology*.

Lu J, et al. (2026) Optimizing Post-Transplantation Detection of Subcutaneously Transplanted Islets Using Dithizone Staining. *bioRxiv : the preprint server for biology*.

Ma Q, et al. (2026) Zinc accumulation-induced integrated stress response triggers β -cell identity loss. *Cell research*, 36(5), 359.

Tong Y, et al. (2026) A new form of diabetes caused by INS mutations defined by zygosity, stem cell and population data. *EMBO molecular medicine*, 18(2), 620.

Abd El-Aziz TM, et al. (2025) LRRC8 channel complexes counterbalance KATP channels to mediate swell-secretion coupling in mouse pancreatic β cells. *JCI insight*, 10(11).

Chepurny OG, et al. (2025) GLP-1 receptor agonist properties of a chimeric peptide derived by hybridization of *Latrodectus* β -Latrotoxin and *Heloderma* Exendin-4. *General and comparative endocrinology*, 368, 114745.

Roman J, et al. (2025) Functional and Mechanistic Explanation for the Unique Clinical Success of the Glucokinase Activator Dorzagliatin in the Treatment of Type 2 Diabetes. *Diabetes*, 74(8), 1374.

Lazimi CS, et al. (2025) Efficient transduction of pancreas tissue slices with genetically encoded calcium integrators. *bioRxiv : the preprint server for biology*.

Palmer AK, et al. (2025) The Influence of Body Mass Index on Biomarkers of Cellular Senescence in Older Adults. *The journals of gerontology. Series A, Biological sciences and medical sciences*, 80(4).

Buchwald P, et al. (2025) Assessing the Rate-Dependence of the First Phase of Glucose-Stimulated Insulin Secretion: Dynamic Perifusion Studies with Isolated Human Pancreatic Islets. bioRxiv : the preprint server for biology.