Resource Summary Report

Generated by T1D on Aug 1, 2026

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: 20260801T042551+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 166 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

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

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.

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

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.

Brown ME, et al. (2025) Human Stem Cell-Derived ?-cells Expressing An Optimized CD155 Reduce Cytotoxic Immune Cell Function for Application in Type 1 Diabetes. 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).

Cheung P, et al. (2025) DGCR2 targeting affibody molecules for delivery of drugs and imaging reagents to human beta cells. Scientific reports, 15(1), 417.

Huber MK, et al. (2025) Beta cell dysfunction occurs independently of insulitis in type 1 diabetes pathogenesis. bioRxiv : the preprint server for biology.

Movahed M, et al. (2025) Enhanced dynorphin expression and secretion in pancreatic beta-cells under hyperglycemic conditions. Molecular metabolism, 92, 102088.

Chen YC, et al. (2025) Peptidylglycine alpha-amidating monooxygenase is important in mice for beta-cell cilia formation and insulin secretion but promotes diabetes risk through beta-cell independent mechanisms. Molecular metabolism, 96, 102123.

Gonzalez GC, et al. (2025) High-Yield Generation of Glucose-Responsive Pseudoislets From Murine Insulinoma Cells for In Vitro Studies and Longitudinal Monitoring of Graft Survival In Vivo. Cell transplantation, 34, 9636897251315123.

Khetarpal V, et al. (2025) Lack of Evidence for Kynurenine Pathway Dysfunction in Huntington's Disease: CSF and Plasma Analyses from the HDClarity Study. Journal of Huntington's disease, 14(1), 85.

Torchio S, et al. (2025) Liraglutide Treatment Reverses Unconventional Cellular Defects in Induced Pluripotent Stem Cell-Derived ?-Cells Harboring a Partially Functional WFS1 Variant. Diabetes, 74(7), 1273.

Hu R, et al. (2025) A Compound Screen Based on Isogenic hESC-Derived ? Cell Reveals an Inhibitor Targeting ZnT8-Mediated Zinc Transportation to Protect Pancreatic ? Cell from Stress-Induced Cell Death. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(20), e2413161.

Spagnuolo V, et al. (2025) Teropavimab and zinlirvimab sensitivity in people living with multidrug-resistant HIV-1: data from the PRESTIGIO Registry. Microbiology spectrum, 13(10), e0277724.

Kim LB, et al. (2025) Acute Inhibition of Adipose Triglyceride Lipase by NG497 Dysregulates Insulin and Glucagon Secretion From Human Islets. Endocrinology, 166(7).

Schukarucha Gomes A, et al. (2025) Molecular correlates of glycine receptor activity in human ? cells. Molecular metabolism, 96, 102156.

Laker RC, et al. (2025) GLP-1R/GCGR dual agonism dissipates hepatic steatosis to restore insulin sensitivity and rescue pancreatic ?-cell function in obese male mice. Nature communications, 16(1), 4714.

Capozzi ME, et al. (2025) ? Cell G?s signaling is critical for physiological and pharmacological enhancement of insulin secretion. The Journal of clinical investigation, 135(16).

Campo F, et al. (2025) Bioengineering of a human iPSC-derived vascularized endocrine pancreas for type 1 diabetes. Cell reports. Medicine, 6(2), 101938.