Resource Summary Report

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Coriell Institute for Medical Research

RRID:SCR_003043
Type: Tool

Proper Citation

Coriell Institute for Medical Research (RRID:SCR_003043)

Resource Information

URL: http://www.coriell.org/

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Description: Non-profit research center dedicated to the study of the human genome. Expert staff and pioneering programs in the fields of personalized medicine, cell biology, cytogenetics, genotyping, and biobanking drive our mission. The emerging field of personalized medicine draws upon a person's genomic information to tailor treatments and prescription drug dosing to optimize health outcomes. The Coriell Personalized Medicine Collaborative (CPMC) research study is seeking to understand the usefulness of genetic risk and pharmacogenomics in clinical decision-making and healthcare management. Coriell has a distinguished history in cell biology. We are building upon this expertise by playing an important role in induced pluripotent stem (iPS) cell research. These powerful cells, which can be made from skin cells or blood, are revolutionizing the way human disease is studied and how drugs are developed. The decline of neurons afflicted with Alzheimer's disease or pancreatic cells fighting diabetes can be studied in a Petri dish. By proving efficacy within the diseased environment prior to clinical trial, drugs can move through the pipeline quicker to reach patients sooner. In addition to pioneering cutting-edge research initiatives, Coriell offers custom research services including cell culture, cytogenetic analyses, and molecular biology to the scientific community. Furthermore, Coriell's Genotyping and Microarray Center is one of the nation's largest centers, with high-throughput DNA analysis systems from Illumina and Affymetrix. The Center is CLIA-certified in 48 states.

Abbreviations: Coriell

Synonyms: Coriell Institute

Resource Type: data or information resource, portal, production service resource, service resource, topical portal

Keywords: genome, induced pluripotent stem cell

Availability: Free, Freely available

Resource Name: Coriell Institute for Medical Research

Resource ID: SCR_003043

Alternate IDs: nif-0000-00169

Record Creation Time: 20220129T080216+0000

Record Last Update: 20260912T195550+0000

Ratings and Alerts

No rating or validation information has been found for Coriell Institute for Medical Research.

No alerts have been found for Coriell Institute for Medical Research.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 154 mentions in open access literature.

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

Vinciguerra M, et al. (2026) Targeting the FNIP2-SERCA2b axis improves metabolic and mitochondrial defects in Ataxia Telangiectasia. Cell death & disease, 17(1).

Sahin GS, et al. (2026) High-throughput screening of ALS patient iPSC-derived spinal motor neurons identifies novel compounds that increase neurofilament light chain expression. SLAS discovery : advancing life sciences R & D, 40, 100303.

Hawthorne SCB, et al. (2026) Dysregulation of Extracellular Vesicle Concentration, MicroRNAs, and Surface Proteins in Patients With Niemann-Pick Disease Type C. Journal of extracellular biology, 5(4), e70136.

Jana U, et al. (2026) The human IG heavy chain constant gene locus is enriched for large structural variants and coding polymorphisms that vary among human populations. Cell genomics, 6(1), 101058.

Akçimen F, et al. (2026) Long-read sequencing identifies FGF14 repeat expansions in Parkinson's disease. Brain : a journal of neurology, 149(5), 1514.

Ghirotto B, et al. (2026) TNF alpha unmasks enteric malate aspartate shuttle dysfunction bridging Parkinson disease and intestinal inflammation. Nature communications, 17(1).

Akçimen F, et al. (2025) Long-read sequencing identifies FGF14 repeat expansions in Parkinson's disease. medRxiv : the preprint server for health sciences.

Akçimen F, et al. (2025) A CGG Repeat Expansion in CSNK1E Associated with Progressive Myoclonic Epilepsy with Incomplete Penetrance. Movement disorders : official journal of the Movement Disorder Society, 40(11), 2469.

He M, et al. (2025) B Cells Can Trigger the T-Cell-Mediated Autoimmune Response Against Melanocytes in Psoriasis. Cells, 14(24).

Korotev SC, et al. (2025) Overall cancer risk in people with deleterious germline DDX41 variants. Haematologica, 110(9), 2076.

Ghirotto B, et al. (2025) TNF-? disrupts the malate-aspartate shuttle, driving metabolic rewiring in iPSC-derived enteric neural lineages from Parkinson's Disease patients. bioRxiv : the preprint server for biology.

Foerster LC, et al. (2025) Cross-species comparison reveals therapeutic vulnerabilities halting glioblastoma progression. Nature communications, 16(1), 7250.

Boakye AO, et al. (2025) Genetic association of ACE2 rs2285666 (C>T) and rs2106809 (A>G) and susceptibility to SARS-CoV-2 infection among the Ghanaian population. Frontiers in genetics, 16, 1555515.

Process V, et al. (2025) Optimization of DNA Fragmentation Techniques to Maximize Coverage Uniformity of Clinically Relevant Genes Using Whole Genome Sequencing. Diagnostics (Basel, Switzerland), 15(18).

Hirayama H, et al. (2025) An Assay System for Plate-based Detection of Endogenous Peptide:N-glycanase/NGLY1 Activity Using A Fluorescence-based Probe. Bio-protocol, 15(1), e5151.

Zhou Z, et al. (2025) Targeted sequencing identifies 33 novel mutations in 130 ClinGen curated hearing loss genes among 253 pediatric patients: A retrospective case study. Biomedical reports, 22(6), 100.

Jana U, et al. (2025) The human immunoglobulin heavy chain constant gene locus is enriched for large complex structural variants and coding polymorphisms that vary in frequency among human populations. bioRxiv : the preprint server for biology.

Genner R, et al. (2025) Assessing DNA methylation detection for primary human tissue using Nanopore sequencing. Genome research, 35(4), 632.

Chen Z, et al. (2025) The ZFHX3 GGC Repeat Expansion Underlying Spinocerebellar Ataxia Type 4 has a Common Ancestral Founder. Movement disorders : official journal of the Movement Disorder Society, 40(2), 363.

Diep T, et al. (2025) Evaluation of SLC6A8 species conservation and the effect of pathogenic variants on creatine transport. HGG advances, 6(4), 100489.