

Resource Summary Report

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Wisconsin-Madison University Biotechnology Center Bioinformatics Resource Center Core Facility

RRID:SCR_017799

Type: Tool

Proper Citation

Wisconsin-Madison University Biotechnology Center Bioinformatics Resource Center Core Facility (RRID:SCR_017799)

Resource Information

URL: <http://www.biotech.wisc.edu/facilities/brc/home>

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Description: Facility within UW Biotechnology Center (UWBC) for assisting researchers with their data analysis needs. Helps with variety of common sequencing related projects, DNA-seq, ChIP-Seq, RNA-Seq, 16S metagenomics, and small RNA analyses.

Abbreviations: BRC

Synonyms: Bioinformatics Resource Center

Resource Type: service resource, core facility, access service resource

Keywords: Bioinformatics, data, analysis, service, core

Availability: Restricted

Resource Name: Wisconsin-Madison University Biotechnology Center Bioinformatics Resource Center Core Facility

Resource ID: SCR_017799

Alternate IDs: ABRF_469

Record Creation Time: 20220129T080337+0000

Record Last Update: 20260807T042909+0000

Ratings and Alerts

No rating or validation information has been found for Wisconsin-Madison University Biotechnology Center Bioinformatics Resource Center Core Facility.

No alerts have been found for Wisconsin-Madison University Biotechnology Center Bioinformatics Resource Center Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 35 mentions in open access literature.

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

Wegrzynowicz AK, et al. (2026) Single-cell analysis of follicular fluid reveals dysregulation of ovulatory immune function in Polycystic Ovary Syndrome patients undergoing ovarian stimulation†. *Biology of reproduction*, 114(5), 1736.

Udgata S, et al. (2026) Organoid Level Assessments of Human Primary and Metastatic Colorectal Cancer-Derived Organoids Predict Response to Chemotherapy and Chemoradiation. *Cancers*, 18(10).

Bernau K, et al. (2026) Development and characterization of an inducible Tensin1 deficient transgenic murine model. *Scientific reports*, 16(1).

Anaya Aldrete KB, et al. (2026) Mechanisms of the Antiproliferative Effects of SIRT6 Inhibition in Melanoma: A Multi-Omics Analysis. *Cancers*, 18(4).

Miller AH, et al. (2026) Inhibition of Cxcr4 chemokine receptor signaling improves habituation learning in a zebrafish model of neurofibromatosis. *Disease models & mechanisms*, 19(3).

Purohit TA, et al. (2026) Genetic loss of CHD1 regulates distinct histone post-translational modifications in the development of castration-resistant prostate cancer. *Neoplasia (New York, N.Y.)*, 73, 101289.

Yuan NY, et al. (2026) Stimulus-Based ApoE Alzheimer's Disease Induction Model Using Microglia-Containing Brain Organoids for Drug Discovery. *Cells*, 15(14).

Johnson KA, et al. (2026) Suppression of the myofibroblastic cancer-associated fibroblast phenotype to enhance anti-PD-1 response. *Journal of experimental & clinical cancer research* : CR.

Vanrooyen D, et al. (2026) First whole genome sequence of a diploid crop wild relative of the Andean tuber "oca": Annotation and comparative genomic analysis of *Oxalis oulophora*. *The plant genome*, 19(1), e70193.

Bauman KD, et al. (2026) Microbial mechanistic requirements for eliciting a topical and intranasal immune response. *bioRxiv : the preprint server for biology*.

Salido E, et al. (2025) The 9p21.3 Coronary Artery Disease Risk Locus Drives Vascular Smooth Muscle Cells to an Osteochondrogenic State. *Arteriosclerosis, thrombosis, and vascular biology*, 45(5), 702.

Yuan NY, et al. (2025) Neural organoids incorporating microglia to assess neuroinflammation and toxicities induced by known developmental neurotoxins. *Current research in toxicology*, 9, 100252.

Polaki US, et al. (2025) Loss of GATA2 promotes invasion and predicts cancer recurrence and survival in uterine serous carcinoma. *JCI insight*, 10(9).

Wallin J, et al. (2025) Afferent input differentially regulates establishment and maintenance of synapses in the mammalian retina. *Scientific reports*, 15(1), 41045.

Edwards KL, et al. (2025) Robust generation of photoreceptor-dominant retinal organoids from porcine induced pluripotent stem cells. *Stem cell reports*, 20(4), 102425.

Veith AC, et al. (2025) The draft genome of the Wisconsin Miniature SwineTM, a valuable biomedical research tool. *G3 (Bethesda, Md.)*, 15(6).

Berman RF, et al. (2025) GFAP mutation and astrocyte dysfunction lead to a neurodegenerative profile with impaired synaptic plasticity and cognitive deficits in a rat model of Alexander disease. *eNeuro*, 12(3).

Deng C, et al. (2025) GABA produced by multiple bone marrow cell types regulates hematopoietic stem and progenitor cells. *Stem cell reports*, 20(11), 102677.

Nimkulrat SD, et al. (2025) The RNA-binding protein CPEB1 marks healthy adult ? cells in mice but is dispensable for ? cell identity and function. *Scientific reports*.

Marlin A, et al. (2025) Decoding growth inhibitory associated pathways of xenometal-siderophore antibiotic conjugates in *S. aureus*. *Chemical science*, 16(16), 7039.