

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: access service resource, service resource, core facility

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: 20260806T054652+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 24 mentions in open access literature.

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

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.

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).

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.

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).

Kraus SG, et al. (2025) Micro-environmental changes indicate potential for subclinical intestinal tissue damage in early-age-onset colorectal cancer patients. *Gastroenterology report*, 13, goaf015.

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

Wegrzynowicz AK, et al. (2025) Single-cell analysis of follicular fluid reveals dysregulation of ovulatory immune function in PCOS patients undergoing ovarian stimulation. *medRxiv : the preprint server for health sciences*.

Veith AC, et al. (2025) Retrospective analysis and decentralized distribution to improve the lifecycle of Ah receptor research assets. *Biochemical pharmacology*, 236, 116874.

Davidson JW, et al. (2025) Hepatic lipid remodeling in cold exposure uncovers direct regulation of bis(monoacylglycero)phosphate lipids by phospholipase A2 group XV. *Cell metabolism*, 37(6), 1413.

Santis Larrain O, et al. (2025) Vcam1 in endothelial and stromal cells regulates hematopoietic stem cell contact with the niche. *bioRxiv : the preprint server for biology*.

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*.

Shah R, et al. (2024) Cancer-Associated Fibroblast Proteins as Potential Targets against Colorectal Cancers. *Cancers*, 16(18).

Wexler AC, et al. (2024) Cardiac overexpression of a mitochondrial SUR2A splice variant impairs cardiac function and worsens myocardial ischemia reperfusion injury in female mice. *Journal of molecular and cellular cardiology plus*, 9.

Liu C, et al. (2024) Impact of acid blocker therapy on growth, gut microbiome, and lung disease in young children with cystic fibrosis. *Journal of pediatric gastroenterology and nutrition*, 79(6), 1124.

Geiduschek EK, et al. (2024) DAMPs Drive Fibroinflammatory Changes in the Glaucomatous ONH. *Investigative ophthalmology & visual science*, 65(12), 13.

Polzin BJ, et al. (2024) RNA-sequencing reveals a shared neurotranscriptomic profile in the medial preoptic area of highly social songbirds and rats. *Genes, brain, and behavior*, 23(4), e12908.