

Resource Summary Report

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University of Delaware CBCB Bioinformatics Data Science Core Facility

RRID:SCR_017696

Type: Tool

Proper Citation

University of Delaware CBCB Bioinformatics Data Science Core Facility
(RRID:SCR_017696)

Resource Information

URL: <https://core.bioinformatics.udel.edu>

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Description: CBCB Bioinformatics Data Science Core builds upon infrastructure of the Center for Bioinformatics and Computational Biology. Delaware Biotechnology Institute , Delaware Data Science Institute, and Protein Information Resource. Core helps with planning your research or analyzing your current data. Services: Consultation and Collaboration, Proposal Assistance, Training, Bioinformatics Software, Computational Hardware, Database and Web Services, Next Gen Analysis, Custom Analysis.

Synonyms: Center for Bioinformatics and Computational Biology Bioinformatics Core, CBCB Bioinformatics Core

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

Keywords: ABRF, USEDit, CBCB, Bioinformatics, core, Delaware, Biotechnology, Institute, data, analyzing, service, data science

Funding: NIGMS P20GM103446;
NIH Office of the Director S10OD028725

Availability: Open

Resource Name: University of Delaware CBCB Bioinformatics Data Science Core Facility

Resource ID: SCR_017696

Alternate IDs: SCR_017712, ABRF_82

Record Creation Time: 20220129T080336+0000

Record Last Update: 20260821T194124+0000

Ratings and Alerts

No rating or validation information has been found for University of Delaware CBCB Bioinformatics Data Science Core Facility.

No alerts have been found for University of Delaware CBCB Bioinformatics Data Science Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 46 mentions in open access literature.

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

Castro RA, et al. (2026) Synthetic Surrogates of Collagen-Rich Microenvironments: Integrating Modular Bioactive Fibrillar Structure and Tunable Viscoelasticity via Multifunctional Assembling Peptides. ACS central science, 12(6), 777.

Harrison AO, et al. (2026) Ribonucleotide reductases recapitulate biogeographic patterns within virioplankton according to ocean biogeochemistry. bioRxiv : the preprint server for biology.

Peterson JK, et al. (2026) Live triatomine bug, vector of Trypanosoma cruzi , found engorged in Lisbon hotel room: A first for Portugal and for Europe. Parasites & vectors, 19(1).

Kolling Iv FW, et al. (2026) Multisite Assessment of Methods for Cell Preservation Upstream of Single-Cell RNA Sequencing. Journal of biomolecular techniques : JBT, 37(2), 9.

Pol M, et al. (2026) Fostering cell-cell interactions and integrating angiocrine factors to promote the development of salivary microtissues in 3D. Bioengineering & translational medicine, 11(3), e70118.

Keown RA, et al. (2026) Single amino acid substitution in DNA Polymerase I dramatically alters infection dynamics of bacteriophage T7. bioRxiv : the preprint server for biology.

Ghelichkhani F, et al. (2026) Selenoprotein S plays a role in translation and membrane protein biogenesis. bioRxiv : the preprint server for biology.

Tothero GK, et al. (2026) Distinguishing Leptothrix and Sphaerotilus genera by an integrated genomic-phenotypic analysis supported by new Leptothrix genomes.

mSystems, 11(7), e0176825.

Ferro LE, et al. (2026) Influence of Singular First Foods on the Infant Gut Microbiome: A Randomized Controlled Trial. *The Journal of nutrition*, 156(5), 101470.

Wang B, et al. (2026) Construction of Peptide Amphiphile-Coated Coacervates with Selective Permeability. *ACS biomaterials science & engineering*, 12(3), 1856.

Bedi de Silva A, et al. (2025) Genomic diversity and global distribution of four new prasinoviruses from the tropical north Pacific. *Microbiology spectrum*, 13(11), e0258324.

Peterson JK, et al. (2025) First whole-genome sequence of *Triatoma sanguisuga* (Le Conte, 1855), vector of Chagas disease. *G3 (Bethesda, Md.)*, 15(3).

Morgese EA, et al. (2025) Comparative Analysis Reveals Host Species-Dependent Diversity Among 16 Virulent Bacteriophages Isolated Against Soybean *Bradyrhizobium* spp. *Viruses*, 17(11).

Kolling FW, et al. (2025) Multi-site Assessment of Methods for Cell Preservation Upstream of Single Cell RNA Sequencing. *bioRxiv : the preprint server for biology*.

Hoover RL, et al. (2025) An organotrophic Sideroxydans reveals potential iron oxidation marker genes. *Applied and environmental microbiology*, 91(9), e0039525.

Wang B, et al. (2025) Architectural control of rod-coil block polypeptide thermoresponsive self-assembly via de novo design of coiled-coil orientation. *Journal of materials chemistry. B*, 13(21), 6164.

Abdelgawad A, et al. (2025) Defining the Parameters for Sorting of RNA Cargo Into Extracellular Vesicles. *Journal of extracellular vesicles*, 14(7), e70113.

Hoover RL, et al. (2025) An organotrophic Sideroxydans reveals potential iron oxidation marker genes. *bioRxiv : the preprint server for biology*.

Gorai S, et al. (2025) LIRTS Viewer: A Web-Based Resource to View the Transcriptional Response of Lens Epithelial Cells to Injury. *Investigative ophthalmology & visual science*, 66(9), 53.

Islam ST, et al. (2025) Nonmuscle myosin IIA (NMIIA) regulates anisotropic cell tension to maintain the hexagonal packing of mouse lens meridional row cells. *Molecular biology of the cell*, 36(10), ar124.