

Resource Summary Report

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Montana State University Research Cyberinfrastructure Core Facility

RRID:SCR_026229

Type: Tool

Proper Citation

Montana State University Research Cyberinfrastructure Core Facility (RRID:SCR_026229)

Resource Information

URL: <https://www.montana.edu/uit/rci/>

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Description: Core provides centralized support, systems, and services for IT specific to research. Systems and services include areas of high-performance computing, virtual machine hosting, large scale storage, and high-performance networking and data transfer. Provides MSU researchers with consulting on technology budgets and implementation for grants and support for IT components of major research instrumentation, software, and specialized or unique research technology needs.

Abbreviations: RCI

Synonyms: Montana State University - Research Cyberinfrastructure

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

Keywords: ABRF, high-performance computing, virtual machine hosting, large scale storage, high-performance networking, data transfer,

Availability: Restricted

Resource Name: Montana State University Research Cyberinfrastructure Core Facility

Resource ID: SCR_026229

Alternate IDs: ABRF_2995

Alternate URLs: <https://coremarketplace.org/?FacilityID=2995&citation=1>

Record Creation Time: 20250103T053333+0000

Ratings and Alerts

No rating or validation information has been found for Montana State University Research Cyberinfrastructure Core Facility.

No alerts have been found for Montana State University Research Cyberinfrastructure Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Eberly JO, et al. (2026) Wheat Rhizosphere Bacterial Community Response to *Bromus tectorum* (L.) and *Fusarium pseudograminearum* Crown Rot. *Microbial ecology*, 89(1).

Schomberg-Sanchez IS, et al. (2026) Hangman dipyrin complexes. *Chemical science*, 17(1), 602.

Hannay D, et al. (2026) Trait Mapping Utilizing a Newly Constructed Genome for Allohexaploid Invasive Eurasian Watermilfoil (*Myriophyllum spicatum*) Reveals a Non-Target Site QTL Associated With Fluridone Resistance. *Evolutionary applications*, 19(1), e70193.

Gauvin CC, et al. (2026) A cost-effective 200 kV cryo-EM core facility for high resolution single particle analysis. *Methods in microscopy*, 3(1), 55.

Pandey S, et al. (2026) Identification and structure determination of a type III-Bv CRISPR complex that post-translationally modifies an associated toxin. *Structure (London, England : 1993)*.

Meltzer GY, et al. (2026) Aspirin and Preterm Birth Among Pregnant People With Increased Heat Exposure: Secondary Analysis of a Randomized Clinical Trial. *JAMA network open*, 9(5), e2611402.

Tang S, et al. (2025) Protein-primed DNA homopolymer synthesis by an antiviral reverse transcriptase. *bioRxiv : the preprint server for biology*.

Henriques WS, et al. (2025) Structures reveal how the Cas1-2/3 integrase captures, delivers, and integrates foreign DNA into CRISPR loci. *bioRxiv : the preprint server for biology*.

Tang S, et al. (2025) Protein-primed homopolymer synthesis by an antiviral reverse transcriptase. *Nature*, 643(8074), 1352.

Henriques WS, et al. (2025) Structures reveal how the Cas1-2/3 integrase captures, delivers, and integrates foreign DNA into CRISPR loci. *Structure* (London, England : 1993), 33(12), 2058.