

# Resource Summary Report

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## Idaho State University Molecular Research Core Facility

RRID:SCR\_012598

Type: Tool

### Proper Citation

Idaho State University Molecular Research Core Facility (RRID:SCR\_012598)

### Resource Information

**URL:** <https://www.isu.edu/mrcf/>

**Proper Citation:** Idaho State University Molecular Research Core Facility (RRID:SCR\_012598)

**Description:** Core facility aides ISU investigators in the areas of molecular genetics, microbiology, developmental biology, physiology, anatomy, neurobiology, molecular evolution and systematics, phylogenetics, population genetics, bioinformatics, comparative and computational genetics, and pharmaceutical sciences. In addition the MRCF also serves the DNA sequencing and genotyping needs of an increasing number of investigators at other institutions throughout the state and the nation. Routine activities in the MRCF include automated DNA sequencing and microsatellite analysis (Genotyping), PCR, electrophoresis, and gel documentation and analysis.

**Abbreviations:** ISU MRCF, MRCF

**Synonyms:** , ISU, MRCF, Core Facility, Molecular Research, Idaho State University

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

**Keywords:** Molecular Research, genotyping, sequencing, microscopy,

**Availability:** Open, Available to external user

**Resource Name:** Idaho State University Molecular Research Core Facility

**Resource ID:** SCR\_012598

**Alternate IDs:** ABRF\_209, SciEx\_523

**Alternate URLs:** <https://coremarketplace.org/?FacilityID=209&citation=1>,  
<https://www.isu.edu/research/centers-and-institutes/molecular-research-core-facility/>

**Old URLs:** <http://www.scienceexchange.com/facilities/molecular-research-core-facility-isu>

**Record Creation Time:** 20220129T080311+0000

**Record Last Update:** 20260829T183230+0000

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## Ratings and Alerts

No rating or validation information has been found for Idaho State University Molecular Research Core Facility.

No alerts have been found for Idaho State University Molecular Research Core Facility.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 12 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#).

Shikany JI, et al. (2026) Detection of Naegleria fowleri in Thermally Impacted Recreational Waters of Western United States National Parks. ACS ES&T water, 6(3), 1704.

Hunnicut S, et al. (2026) A comparison of microbial community composition in two alpine springs in southern Nevada. PloS one, 21(2), e0342925.

Montgomery A, et al. (2026) Tracking active heterotrophic microbial communities in the Guaymas Basin deep biosphere with BONCAT-FACS. ISME communications, 6(1), ycag111.

Perdicaro DJ, et al. (2026) Effects of a phenolic-rich grape pomace extract on intestinal barrier, gut microbiota, and adipose tissue in high-fat diet-fed mice. Food & function, 17(9), 4074.

Bolino M, et al. (2025) Proteomic and N-glycomic comparison of synthetic and bovine whey proteins and their effect on human gut microbiomes in vitro. Microbiology spectrum, 13(8), e0020025.

Tatarko AR, et al. (2025) A wild bumble bee shows intraspecific differences in sensitivity to multiple pesticides. Royal Society open science, 12(6), 250281.

Opoku R, et al. (2024) Calcium Rescues Streptococcus pneumoniae D39  $\gamma$ -mntE Manganese-Sensitive Growth Phenotype. Microorganisms, 12(9).

Gignac PM, et al. (2024) Buffered Lugol's Iodine Preserves DNA Fragment Lengths. Integrative organismal biology (Oxford, England), 6(1), obae017.

Flores Martinez KE, et al. (2024) Hemp hull fiber and two constituent compounds, N-trans-caffeoyltyramine and N-trans-feruloyltyramine, shape the human gut microbiome in vitro. *Food chemistry: X*, 23, 101611.

Bolino M, et al. (2024) Proteomic and N-glycomic comparison of synthetic and bovine whey proteins and their effect on human gut microbiomes. *bioRxiv : the preprint server for biology*.

Heil JA, et al. (2024) Weather and leaf age separately contribute to temporal shifts in phyllosphere community structure and composition. *bioRxiv : the preprint server for biology*.

Miller AJ, et al. (2023) Towards the generation of gnotobiotic larvae as a tool to investigate the influence of the microbiome on the development of the amphibian immune system. *Philosophical transactions of the Royal Society of London. Series B, Biological sciences*, 378(1882), 20220125.