

Resource Summary Report

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Boise State University Biomolecular Research Center Core Facility

RRID:SCR_019174

Type: Tool

Proper Citation

Boise State University Biomolecular Research Center Core Facility (RRID:SCR_019174)

Resource Information

URL: <https://www.boisestate.edu/brc/home/>

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Description: Designed to provide supportive environment for interdisciplinary research and education with opportunities for students and faculty members alike with focus on biomolecules study with emphasis on proteins and protein interactions. Provides instrumentation and facilities for characterization of biomolecules and their role in variety of biomedical and environmental processes. Partnerships between Center and Idaho-BRIN/INBRE, UI, ISU, Boise VA Medical Center, College of Idaho, and Northwest Nazarene University. BRC provides seminars, training workshops, and other networking opportunities.

Abbreviations: BRC

Synonyms: The Biomolecular Research Center

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

Defining Citation: [PMID:34121933](#)

Keywords: USEDit, protein study, protein interactions, biomolecule, biomedical and environmental processes, ABRF, ABRF

Funding: NSF 0619793;
NSF 0923535

Resource Name: Boise State University Biomolecular Research Center Core Facility

Resource ID: SCR_019174

Alternate IDs: ABRF_664

Alternate URLs: <https://coremarketplace.org/?FacilityID=664>

Record Creation Time: 20220129T080343+0000

Record Last Update: 20260912T200409+0000

Ratings and Alerts

No rating or validation information has been found for Boise State University Biomolecular Research Center Core Facility.

No alerts have been found for Boise State University Biomolecular Research Center Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 54 mentions in open access literature.

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

Smith DB, et al. (2026) How to Apply Social Network Analysis to Evaluate Professional Development Programs in Biomedical Research. Current protocols, 6(3), e70330.

Gates M, et al. (2026) Farnesol, the farnesol pathway, and the immune-gut-brain axis. Frontiers in pharmacology, 17, 1718322.

Hill K, et al. (2026) Impact of a GABA-Producing Lactococcus lactis on Microbiota and Mycobiota During CNS Inflammatory Demyelination. FASEB bioAdvances, 8(1), e70085.

Carver K, et al. (2026) An acute dose of glyphosate alters novel object exploration and hippocampal cFos expression in a sex-dependent manner in wildtype mice. Neuroscience, 609, 146.

Benfield KJ, et al. (2026) Anisotropic wear behavior of meniscus: Influence of cross-shear and loading magnitude. Journal of the mechanical behavior of biomedical materials, 173, 107212.

Wolf CL, et al. (2025) Development of the First Small-Molecule Inhibitor Targeting Oncostatin M for Treatment of Breast Cancer. Journal of medicinal chemistry, 68(15), 15422.

Chowdhury AS, et al. (2025) Collagen Alpha 1(XI) Amino-Terminal Domain Modulates Type I Collagen Fibril Assembly. Biochemistry, 64(3), 735.

- Khadka NK, et al. (2025) Lipid and Cholesterol Peroxidation Leads to γ -Crystallin Membrane Aggregation and Cataract Formation. *Investigative ophthalmology & visual science*, 66(12), 8.
- Schumacher SM, et al. (2025) PICRUST2 Analysis of Fecal Microbiome Associated With a Murine Model of Multiple Sclerosis. *FASEB bioAdvances*, 7(7), e70029.
- Skinner MM, et al. (2025) Pulsed Electric Field Treatment of Sweet Potatoes to Reduce Oil and Acrylamide in Kettle Chips. *Foods (Basel, Switzerland)*, 14(4).
- Pancheri NM, et al. (2025) The LINC Complex Regulates Tendon Elastic Modulus, Collagen Crimp, and Lateral Expansion During Early Postnatal Development. *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*, 43(6), 1090.
- Schumacher SM, et al. (2025) Gut microbiota in multiple sclerosis and animal models. *The FEBS journal*, 292(6), 1330.
- Stone RN, et al. (2024) Proteomic dataset for decellularization of porcine auricular cartilage. *BMC research notes*, 17(1), 58.
- Timsina R, et al. (2024) Cholesterol Content Regulates the Interaction of γ A-, γ B-, and γ -Crystallin with the Model of Human Lens-Lipid Membranes. *International journal of molecular sciences*, 25(3).
- Santiago-Mora P, et al. (2024) Pulsed electric field effect on acrylamide reduction and quality attributes of continuous-style Lamoka potato chips. *Heliyon*, 10(11), e31790.
- Eixenberger JE, et al. (2024) On-demand release of encapsulated ZnO nanoparticles and chemotherapeutics for drug delivery applications. *RSC pharmaceuticals*.
- Tiwari L, et al. (2024) Binding Mechanisms and Therapeutic Activity of Heterocyclic Substituted Arylazothioformamide Ligands and Their Cu(I) Coordination Complexes. *ACS omega*, 9(35), 37141.
- Oppenheimer S, et al. (2024) Social media does not elicit a physiological stress response as measured by heart rate and salivary cortisol over 20-minute sessions of cell phone use. *PloS one*, 19(4), e0298553.
- Dirks ML, et al. (2024) Pharmacology of Veratrum californicum Alkaloids as Hedgehog Pathway Antagonists. *Pharmaceuticals (Basel, Switzerland)*, 17(1).
- Hazen P, et al. (2024) Association of Alpha-Crystallin with Human Cortical and Nuclear Lens Lipid Membrane Increases with the Grade of Cortical and Nuclear Cataract. *International journal of molecular sciences*, 25(3).