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: core facility, access service resource, 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: 20250426T060746+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 40 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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 pharmaceutics.

Dirks ML, et al. (2024) Pharmacology of Veratrum californicum Alkaloids as Hedgehog Pathway Antagonists. Pharmaceuticals (Basel, Switzerland), 17(1).

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.

Ali N, et al. (2024) 9S1R nullomer peptide induces mitochondrial pathology, metabolic suppression, and enhanced immune cell infiltration, in triple-negative breast cancer mouse model. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 170, 115997.

Stone RN, et al. (2024) Proteomic dataset for decellularization of porcine auricular cartilage. BMC research notes, 17(1), 58.

Shuey A, et al. (2024) Effects of doxorubicin on autophagy in fibroblasts. Human & experimental toxicology, 43, 9603271241231947.

Chase JR, et al. (2024) Genomic Surveillance of SARS-CoV-2 Sequence Variants at Universities in Southwest Idaho. COVID, 4(1), 23.

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).

Nesbitt DQ, et al. (2024) Age-dependent changes in collagen crosslinks reduce the mechanical toughness of human meniscus. Journal of orthopaedic research : official publication of the Orthopaedic Research Society, 42(8), 1870.

Monteiro MP, et al. (2024) Genetically engineered Lactococcus lactis strain constitutively expresses GABA-producing genes and produces high levels of GABA. Letters in applied microbiology, 77(6).

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.

Timsina R, et al. (2024) Cholesterol Content Regulates the Interaction of ?A-, ?B-, and ?-Crystallin with the Model of Human Lens-Lipid Membranes. International journal of molecular sciences, 25(3).

Stone RN, et al. (2023) Advances in Cartilage Tissue Engineering Using Bioinks with Decellularized Cartilage and Three-Dimensional Printing. International journal of molecular sciences, 24(6).

Hazen P, et al. (2023) Binding of ?L-Crystallin with Models of Animal and Human Eye Lens-Lipid Membrane. International journal of molecular sciences, 24(17).

Khadka NK, et al. (2023) Interaction of ?L- and ?-Crystallin with Phospholipid Membrane Using Atomic Force Microscopy. International journal of molecular sciences, 24(21).

Patricelli C, et al. (2023) Doxorubicin-induced modulation of TGF-? signaling cascade in mouse fibroblasts: insights into cardiotoxicity mechanisms. Scientific reports, 13(1), 18944.

Patricelli C, et al. (2023) Doxorubicin-Induced Modulation of TGF-? Signaling Cascade in Mouse Fibroblasts: Insights into Cardiotoxicity Mechanisms. Research square.

Ali N, et al. (2023) Nullomer peptide increases immune cell infiltration and reduces tumor metabolism in triple negative breast cancer mouse model. Research square.

Pancheri NM, et al. (2023) The LINC complex regulates Achilles tendon elastic modulus, Achilles and tail tendon collagen crimp, and Achilles and tail tendon lateral expansion during early postnatal development. bioRxiv : the preprint server for biology.