

Resource Summary Report

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Colorado University at Boulder Biochemistry Cell Culture Core Facility

RRID:SCR_018988

Type: Tool

Proper Citation

Colorado University at Boulder Biochemistry Cell Culture Core Facility
(RRID:SCR_018988)

Resource Information

URL: <https://www.colorado.edu/facility/biochemistry-cell-culture/>

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Description: Provides investigators within the Department a user-friendly, shared environment where researchers can advance discovery in diverse areas such as cancer biology, drug discovery, nanomaterial analysis and basic life science. Provides Biosafety Cabinets, CO2 Incubators including viral and variable oxygen (tri-gas) Insect cell incubator and shaker, Large-scale mammalian incubator, Routine mycoplasma testing, FBS testing, Training, In-house media preparation.

Synonyms: Biochemistry Cell Culture Facility

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

Keywords: USEDit, ABRF, ABRF

Availability: Restricted

Resource Name: Colorado University at Boulder Biochemistry Cell Culture Core Facility

Resource ID: SCR_018988

Alternate IDs: ABRF_1040

Alternate URLs: <https://coremarketplace.org/?FacilityID=1040>

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260731T043042+0000

Ratings and Alerts

No rating or validation information has been found for Colorado University at Boulder Biochemistry Cell Culture Core Facility.

No alerts have been found for Colorado University at Boulder Biochemistry Cell Culture Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Van Alstyne M, et al. (2026) Polyserine domains are toxic and exacerbate tau pathology in mice. Proceedings of the National Academy of Sciences of the United States of America, 123(1), e2527425122.

Fernandez B, et al. (2025) Single-cell RNA sequencing reveals distinct senotypes and a quiescence-senescence continuum at the transcriptome level following chemotherapy. bioRxiv : the preprint server for biology.

Roberts JE, et al. (2025) UBQLN2 is necessary for UBE3A-mediated proteasomal degradation of the domesticated retroelement PEG10. Journal of cell science, 138(24).

Cheng LY, et al. (2025) Impact of G-tract RNAs and the DHX36 helicase on stress granule composition and formation. bioRxiv : the preprint server for biology.

Van Alstyne M, et al. (2025) Polyserine-mediated targeting of FAF2/UBXD8 ameliorates tau aggregation. Neuron.

Wu G, et al. (2025) Rapid dynamics allow the low-abundance RTEL1 helicase to promote telomere replication. Nucleic acids research, 53(5).

Parker DM, et al. (2025) Protocol for determining the contribution of protein and RNA to condensate organization by permeabilizing and enzyme-treating live U-2 OS cells. STAR protocols, 6(2), 103744.

Woyciehowsky M, et al. (2025) Systematic characterization of zinc in a series of breast cancer cell lines reveals significant changes in zinc homeostasis. The Journal of biological chemistry, 301(8), 110442.

Song J, et al. (2025) RNA-induced PRC2 inhibition depends on the sequence of bound RNA. Research square.

Parker DM, et al. (2025) G3BP1 promotes intermolecular RNA-RNA interactions during RNA condensation. *Molecular cell*, 85(3), 571.

Ouyang JPT, et al. (2025) DM1 repeat-expanded RNAs confer RNA toxicity as individual nuclear-retained RNAs. *Cell reports*, 44(5), 115582.

Cheng LY, et al. (2025) DHX36 modulates stress granule assembly independent of recruitment of mRNAs with G-quadruplex sequence motifs. *Nucleic acids research*, 53(18).

Ill CR, et al. (2024) BRAFV600 and ErbB inhibitors directly activate GCN2 in an off-target manner to limit cancer cell proliferation. *bioRxiv : the preprint server for biology*.

Van Alstyne M, et al. (2024) Polyserine peptides are toxic and exacerbate tau pathology in mice. *bioRxiv : the preprint server for biology*.

Campodonico W, et al. (2024) The gag-like gene RTL8 antagonizes PEG10-mediated virus like particles. *PloS one*, 19(12), e0310946.

Song J, et al. (2024) Diverse RNA Structures Induce PRC2 Dimerization and Inhibit Histone Methyltransferase Activity. *bioRxiv : the preprint server for biology*.

Black HH, et al. (2023) UBQLN2 restrains the domesticated retrotransposon PEG10 to maintain neuronal health in ALS. *eLife*, 12.