Resource Summary Report

Generated by T1D on Aug 23, 2026

University of Colorado Anschutz Medical Campus Cancer Center Mass Spectrometry Shared Resource Core Facility

RRID:SCR_021988
Type: Tool

Proper Citation

University of Colorado Anschutz Medical Campus Cancer Center Mass Spectrometry Shared Resource Core Facility (RRID:SCR_021988)

Resource Information

URL: https://medschool.cuanschutz.edu/corefacilities/ms-metabolomics

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Description: Provides investigators with capabilities to identify, characterize, and quantify biomolecules present in tissues, cells, and biological fluids. Facility houses both Proteomics and Metabolomics Cores, and aims to assist members with solving difficult or previously intractable problems in biomedical research. Methods for biomolecule isolation, separation, quantification, identification and bioinformatics analysis, together with expert guidance in study design, are integrated into expertise offered by the Facility.

Abbreviations: MSSR

Synonyms: Mass Spectrometry Shared Resource

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

Keywords: ABRF, USEDit

Resource Name: University of Colorado Anschutz Medical Campus Cancer Center Mass Spectrometry Shared Resource Core Facility

Resource ID: SCR_021988

Alternate IDs: ABRF_1312

Alternate URLs: https://medschool.cuanschutz.edu/corefacilities/ms-proteomics, https://coremarketplace.org/?FacilityID=1312

Record Creation Time: 20220421T050138+0000

Record Last Update: 20260821T194208+0000

Ratings and Alerts

No rating or validation information has been found for University of Colorado Anschutz Medical Campus Cancer Center Mass Spectrometry Shared Resource Core Facility.

No alerts have been found for University of Colorado Anschutz Medical Campus Cancer Center Mass Spectrometry Shared Resource Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 24 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Jensen O, et al. (2026) A Candida glabrata adhesin-like effector drives fitness and immunogenicity in the gut. bioRxiv : the preprint server for biology.

Piper M, et al. (2026) IL15/IL15R? Complex Induces an Antitumor Immune Response following Radiotherapy only in the Absence of Tregs and Fails to Expand Progenitor TCF1+ CD8 T Cells. Molecular cancer therapeutics, 25(1), 168.

Blomberg R, et al. (2026) Proteomic analysis reveals regional sex differences in healthy and fibrotic human lung. bioRxiv : the preprint server for biology.

Heye JO, et al. (2026) Granular Extracellular Matrix (gECM) Hydrogels Enable Distinct Composition and Mechanics Across Tissue Types for Translation. bioRxiv : the preprint server for biology.

Garcia C, et al. (2026) FATP2-mediated lipid metabolism enhances chimeric antigen receptor T-cell therapy resistance in B-cell acute lymphoblastic leukemia. Leukemia, 40(8), 1763.

Bischoff ME, et al. (2025) Copper Drives Remodeling of Metabolic State and Progression of Clear Cell Renal Cell Carcinoma. Cancer discovery, 15(2), 401.

Sessions DT, et al. (2025) Androgen Receptors Promote Oxidative Phosphorylation and Resistance to Palmitate Lipotoxicity in ER-Mutant Breast Cancer. Endocrinology, 167(1).

Veo B, et al. (2025) Single-cell multi-omics identifies metabolism-linked epigenetic reprogramming as a driver of therapy-resistant medulloblastoma. Nature communications, 16(1), 10470.

Kellett MD, et al. (2025) Focal adhesion kinase promotes ribosome biogenesis to drive advanced thyroid cancer cell growth and survival. Frontiers in oncology, 15, 1252544.

Ginocchio S, et al. (2025) Unraveling the Matrix: Proteomic Profiling Reveals Stromal ECM Dysregulation in Severe Early-Onset Fetal Growth Restriction. International journal of molecular sciences, 26(22).

Haque PS, et al. (2025) Obese Adipose Tissue Extracellular Vesicles Activate Mitochondrial Fatty Acid ?-oxidation to Drive Colonic Stemness. Cellular and molecular gastroenterology and hepatology, 19(7), 101504.

Elias AD, et al. (2024) Clinical and immune responses to neoadjuvant fulvestrant with or without enzalutamide in ER+/Her2- breast cancer. NPJ breast cancer, 10(1), 88.

Nguyen KN, et al. (2024) Extracellular Vesicles from a Novel Chordoma Cell Line, ARF-8, Promote Tumorigenic Microenvironmental Changes When Incubated with the Parental Cells and with Human Osteoblasts. International journal of molecular sciences, 25(23).

Kuo LW, et al. (2024) Blocking Tryptophan Catabolism Reduces Triple-Negative Breast Cancer Invasive Capacity. Cancer research communications, 4(10), 2699.

Veo B, et al. (2024) Single-cell multi-omics analysis identifies metabolism-linked epigenetic reprogramming as a driver of therapy-resistant medulloblastoma. Research square.

Wu MH, et al. (2024) Deleting the mitochondrial respiration negative regulator MCJ enhances the efficacy of CD8+ T cell adoptive therapies in pre-clinical studies. Nature communications, 15(1), 4444.

Villagomez FR, et al. (2024) Claudin-4 Modulates Autophagy via SLC1A5/LAT1 as a Mechanism to Regulate Micronuclei. Cancer research communications, 4(7), 1625.

Crump LS, et al. (2024) Targeting Tryptophan Catabolism in Ovarian Cancer to Attenuate Macrophage Infiltration and PD-L1 Expression. Cancer research communications, 4(3), 822.

Sottnik JL, et al. (2024) WNT4 Regulates Cellular Metabolism via Intracellular Activity at the Mitochondria in Breast and Gynecologic Cancers. Cancer research communications, 4(1), 134.

Wang M, et al. (2024) Differential Effects of Extracellular Vesicles from Two Different Glioblastomas on Normal Human Brain Cells. Neurology international, 16(6), 1355.