

Resource Summary Report

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University of Colorado Anschutz Medical Campus Cancer Center Bioinformatics Core Facility

RRID:SCR_021983

Type: Tool

Proper Citation

University of Colorado Anschutz Medical Campus Cancer Center Bioinformatics Core Facility (RRID:SCR_021983)

Resource Information

URL: <https://medschool.cuanschutz.edu/bioinformaticssr>

Proper Citation: University of Colorado Anschutz Medical Campus Cancer Center Bioinformatics Core Facility (RRID:SCR_021983)

Description: Cancer focused bioinformatics group that assists in all needs related to omics and big data. We assist our collaborators with experimental design, data processing, interpretation, generating publication-quality figures, and preparing manuscripts and grants.

Abbreviations: BioinformaticsBBSR

Synonyms: Bioinformatics - Biostatistics and Bioinformatics Shared Resource

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

Keywords: ABRF, USEdit, cancer omics and big data bioinformatics services

Resource Name: University of Colorado Anschutz Medical Campus Cancer Center Bioinformatics Core Facility

Resource ID: SCR_021983

Alternate IDs: ABRF_1305

Alternate URLs: <https://coremarketplace.org/?FacilityID=1305>

Record Creation Time: 20220421T050138+0000

Record Last Update: 20260808T190653+0000

Ratings and Alerts

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

No alerts have been found for University of Colorado Anschutz Medical Campus Cancer Center Bioinformatics Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Christenson JL, et al. (2026) Metastasis-Associated Wound Repair Promotes Reciprocal Lung Epithelium Activation and Breast Cancer Metastatic Outgrowth. Cancer research communications, 6(4), 750.

Sottnik JL, et al. (2026) Advanced models of lobular breast cancer metastasis capture clinical organ tropism, endocrine response, and bone remodeling. bioRxiv : the preprint server for biology.

Cozzens LM, et al. (2026) SOX9 and SEMA7A regulate cell plasticity in the postpartum mammary gland with implications for breast cancer. bioRxiv : the preprint server for biology.

Ortega R, et al. (2026) PARP1 and PARP2 are dispensable for DNA repair by microhomology-mediated end-joining at double-ended DSBs. Nucleic acids research, 54(1).

Corr BR, et al. (2025) SM08502-Mediated β -Catenin Repression Synergizes with Olaparib to Inhibit Tumor Progression. Cancer research communications, 5(12), 2112.

Ortega R, et al. (2025) PARP1 and PARP2 are dispensable for DNA repair by microhomology-mediated end-joining during mitosis. bioRxiv : the preprint server for biology.

DeGolier KR, et al. (2025) Antigen experience history directs distinct functional states of CD8+ CAR T cells during the antileukemia response. Nature immunology, 26(1), 68.

Purdy SC, et al. (2025) eIF3d and eIF3e mediate selective translational control of hypoxia that can be inhibited by novel small molecules. bioRxiv : the preprint server for biology.

Purdy SC, et al. (2025) eIF3d and eIF3e mediate selective translational control of hypoxia that can be inhibited by small molecules. Cell reports, 44(12), 116643.

Garza B, et al. (2025) Tumor-infiltrating T Lymphocytes Recognize Thyroid-specific and Neo-antigens in Follicular Cell-derived Thyroid Cancers. The Journal of clinical

endocrinology and metabolism.

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.

Woodruff ER, et al. (2025) Ablation of hematopoietic stem cell derived adipocytes reduces tumor burden in syngeneic mouse models of high-grade serous carcinoma. *bioRxiv : the preprint server for biology*.

Iwanaga R, et al. (2024) Tumor-Intrinsic Activity of Chromobox 2 Remodels the Tumor Microenvironment in High-grade Serous Carcinoma. *Cancer research communications*, 4(8), 1919.

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.

Hughes CJ, et al. (2023) SIX1 and EWS/FLI1 co-regulate an anti-metastatic gene network in Ewing Sarcoma. *Nature communications*, 14(1), 4357.

Corr BR, et al. (2023) Combination CDC-like kinase inhibition (CLK)/Dual-specificity tyrosine-regulated kinase (DYRK) and taxane therapy in CTNNB1 -mutated endometrial cancer. *bioRxiv : the preprint server for biology*.

Vragel G, et al. (2023) Murine Gammaherpesvirus 68 Efficiently Infects Myeloid Cells Resulting In An Atypical, Restricted Form Of Infection. *bioRxiv : the preprint server for biology*.

DeGolier KR, et al. (2023) Antigen experience history directs distinct functional states of CD8⁺ CAR T cells during the anti-leukemia response. *Research square*.

Wolin AR, et al. (2023) EYA2 tyrosine phosphatase inhibition reduces MYC and prevents medulloblastoma progression. *Neuro-oncology*, 25(12), 2287.