

# Resource Summary Report

Generated by PRECISE-TBI on Sep 3, 2026

## University of Pittsburgh Center for Research Computing Core Facility

RRID:SCR\_022735

Type: Tool

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### Proper Citation

University of Pittsburgh Center for Research Computing Core Facility  
(RRID:SCR\_022735)

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### Resource Information

**URL:** <http://crc.pitt.edu>

**Proper Citation:** University of Pittsburgh Center for Research Computing Core Facility  
(RRID:SCR\_022735)

**Description:** Supports leading edge research with free access to advanced computing hardware and software.

**Synonyms:** Center for Research Computing

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

**Keywords:** USEDit, ABRF, advanced computing hardware and software services

**Funding:** NIH Office of the Director S10OD028483

**Resource Name:** University of Pittsburgh Center for Research Computing Core Facility

**Resource ID:** SCR\_022735

**Alternate IDs:** ABRF\_1544

**Alternate URLs:** <https://coremarketplace.org/?FacilityID=1544&citation=1>

**Record Creation Time:** 20220913T050150+0000

**Record Last Update:** 20260829T183332+0000

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### Ratings and Alerts

No rating or validation information has been found for University of Pittsburgh Center for Research Computing Core Facility.

No alerts have been found for University of Pittsburgh Center for Research Computing Core Facility.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 385 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#).

Roy JK, et al. (2026) Thermocatalytic Behavior of TiO<sub>2</sub> as a Dehydrogenation Catalyst: A Case Study of Methane Activation and Nonoxidative Coupling. ACS omega, 11(4), 6285.

Yashin VV, et al. (2026) Computer Simulations of Soft Responsive Gels with Embedded Regular Arrangements of Stiff Fibers. Langmuir : the ACS journal of surfaces and colloids, 42(3), 2483.

Palit S, et al. (2026) Large-scale protein conformational transitions revealed by weighted ensemble simulations and EPR. Chemical science, 17(19), 9747.

Lawal B, et al. (2026) IMIREG: a lineage-resolved regulon signature unveiling immune engagement archetypes and predicting immunotherapy response across diverse cancers. NPJ precision oncology, 10(1).

Kim S, et al. (2026) Estimating in silico causal effects of DNA methylation on gene expression through genetic anchors in airway epithelium in asthma. Science advances, 12(17), eady3555.

DePuyt AE, et al. (2026) Type 1-polarized DC immunotherapeutic contains heterogeneous populations with IL-12p70 production restricted to a rare subset. bioRxiv : the preprint server for biology.

Liu C, et al. (2026) Heterogeneous causal mediation analysis using Bayesian additive regression trees. Biometrics, 82(2).

Mukhopadhyay N, et al. (2026) Is 7p14.1 an orofacial cleft risk locus? Genome-wide study of copy number variation in multiple populations provides both a replication of previous studies and an alternative explanation. medRxiv : the preprint server for health sciences.

Liou JJ, et al. (2026) Examining neuroimaging biomarkers, plasma biomarkers and cognitive functions in patients with recovered COVID-19 infection: a multicentre study using 7T MRI. Brain communications, 8(2), fcag045.

Li S, et al. (2026) MYC-bound enhancer RNAs in cis regulate gene transcription and tumorigenesis. *Science advances*, 12(17), eaeb5147.

Wang Y, et al. (2026) CRISPR activation screens identify oncogenic lncRNAs that are susceptible to CDK4/6 inhibitor treatment. *Nature communications*, 17(1).

Sayin S, et al. (2026) Bacterial population dynamics during colonization of solid tumors. *Molecular systems biology*, 22(3), 412.

Zhao K, et al. (2026) An electronic product carbon footprint dataset for question answering. *Scientific data*, 13(1), 228.

Long H, et al. (2026) Type I interferon drives dysfunction of a distinct CD8<sup>+</sup> HLA-DRB1<sup>+</sup> T cell subset in systemic lupus erythematosus. *medRxiv : the preprint server for health sciences*.

Hasanaj E, et al. (2026) SenSet defines cell-type specific senescence signatures in the aged human lung. *The EMBO journal*, 45(10), 3589.

Johnson ME, et al. (2026) Structural dynamics insights into principles underlying the fitness of new broadly potent AAVs. *bioRxiv : the preprint server for biology*.

Ramatchandirin B, et al. (2026) Immune landscape in liver of neonatal mice with phlebotomy-induced anemia. *Pediatric research*, 99(4), 1602.

Biswas S, et al. (2026) Growth order of stiff and soft domains in gels controls morphology. *iScience*, 29(2), 114767.

Liu J, et al. (2026) Harnessing Artificial Intelligence for Hypothesis Generation in Childhood Asthma: Insights from NHANES. *Journal of respiratory biology and translational medicine*, 3(2).

Sinha H, et al. (2026) STiLE: Automated Tissue Microarray Dearraying for Spatial Transcriptomics. *bioRxiv : the preprint server for biology*.