Resource Summary Report

Generated by T1D on Aug 1, 2026

University of South Carolina Instrumentation Resource Core Facility

RRID:SCR_024955
Type: Tool

Proper Citation

University of South Carolina Instrumentation Resource Core Facility (RRID:SCR_024955)

Resource Information

URL:
https://sc.edu/study/colleges_schools/medicine/research/research_facilities/instrumentation_resourc

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Description: IRF houses biotechnological equipment that provide investigation ranging from single cell and molecular level analysis to whole animal imaging. Additionally, the IRF maintains a full range of ancillary equipment available for sample preparation, image enhancement, and data analysis.

Abbreviations: IRF

Synonyms: Instrumentation Resource Facility (IRF), USC School of Medicine Columbia Instrumentation Resource Facility (IRF), USC Instrumentation Resource Facility (IRF)

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

Keywords: IRF, USC, ABRF, biotechnological equipment

Resource Name: University of South Carolina Instrumentation Resource Core Facility

Resource ID: SCR_024955

Alternate IDs: ABRF_2617

Alternate URLs: https://coremarketplace.org/?FacilityID=2617&citation=1

Record Creation Time: 20240201T171710+0000

Record Last Update: 20260731T043144+0000

Ratings and Alerts

No rating or validation information has been found for University of South Carolina Instrumentation Resource Core Facility.

No alerts have been found for University of South Carolina Instrumentation Resource Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Nguyen V, et al. (2026) Vascular Organoids Derived from Capillary malformation-induced Pluripotent Stem Cells Exhibit Disease-Relevant Phenotypes. Stem cell reviews and reports, 22(1), 668.

Amurrio E, et al. (2025) Age-Related Increases in PDE11A4 Protein Expression Trigger Liquid-Liquid Phase Separation (LLPS) of the Enzyme That Can Be Reversed by PDE11A4 Small Molecule Inhibitors. Cells, 14(12).

Nguyen V, et al. (2025) Single-vessel transcriptome map pathological landscapes and reveal NR2F2-mediated smooth muscle cell phenotype acquisition in capillary malformations. bioRxiv : the preprint server for biology.

Frick MA, et al. (2025) Orexin/Hypocretin Modulates Neuroinflammatory Response to LPS in a Sex and Brain-Region Specific Manner in Young Rats. Journal of neurochemistry, 169(8), e70175.

Deloach S, et al. (2025) A Novel Peptoid Hybrid of Alpha-Calcitonin Gene-Related Peptide (?-CGRP) Ameliorates Cardiac Remodeling in Pressure Overload-Induced Heart Failure. Cells, 14(20).

Worden AN, et al. (2025) The Role of the CXCL12/CXCR4 Signaling Pathway in Regulating Cellular Migration. Microscopy and microanalysis : the official journal of Microscopy Society of America, Microbeam Analysis Society, Microscopical Society of Canada, 31(2).

Cardaci TD, et al. (2025) Profibrotic immune cells and fibro-adipogenic progenitors contribute to skeletal muscle extracellular matrix remodeling and fibrosis in cancer cachexia. American journal of physiology. Cell physiology, 329(4), C1283.

Azeredo PDS, et al. (2025) Tetrahydrocurcumin Outperforms Curcumin in Preventing Oxidative Stress-Induced Dysfunction in Tert-Butyl Hydroperoxide-Stimulated Cardiac Fibroblasts. International journal of molecular sciences, 26(13).

Peacock TE, et al. (2025) Multiplexed longitudinal analysis of the cellular and microbial dynamics of acute polymicrobial sepsis in mice. Frontiers in immunology, 16, 1682451.

Pernomian L, et al. (2024) A Single-Short Partial Reprogramming of the Endothelial Cells decreases Blood Pressure via attenuation of EndMT in Hypertensive Mice. bioRxiv : the preprint server for biology.

Waigi EW, et al. (2024) Vascular dysfunction occurs prior to the onset of amyloid pathology and A? plaque deposits colocalize with endothelial cells in the hippocampus of female APPswe/PSEN1dE9 mice. GeroScience, 46(6), 5517.