

Resource Summary Report

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Cornell University BRC Imaging Core Facility

RRID:SCR_021741

Type: Tool

Proper Citation

Cornell University BRC Imaging Core Facility (RRID:SCR_021741)

Resource Information

URL: <https://www.biotech.cornell.edu/core-facilities-brc/facilities/imaging-facility>

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Description: Facility provides instrumentation and training in following areas of High resolution X-ray CT, Small animal X-ray CT, Flow cytometry and sorting, Confocal microscopy, Multiphoton microscopy, Super resolution microscopy, Laser capture microdissection, Light microscopy, Spectrofluorometry, Bioluminescence imaging, High resolution ultrasound imaging, Image visualization and analysis.

Synonyms: BRC Imaging Facility

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

Keywords: USEDit, ABRF, microscopy, imaging

Availability: open

Resource Name: Cornell University BRC Imaging Core Facility

Resource ID: SCR_021741

Alternate IDs: ABRF_86

Alternate URLs: <https://coremarketplace.org/?FacilityID=86>

Record Creation Time: 20220129T080357+0000

Record Last Update: 20260801T191246+0000

Ratings and Alerts

No rating or validation information has been found for Cornell University BRC Imaging Core Facility.

No alerts have been found for Cornell University BRC Imaging Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 65 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Suri M, et al. (2025) Spatially resolved charge-transfer kinetics at the quantum dot-microbe interface using fluorescence lifetime imaging microscopy. Proceedings of the National Academy of Sciences of the United States of America, 122(12), e2407987122.

Dong G, et al. (2025) Longitudinal Live Imaging Derived 4D Hemodynamics and Dynamic Tissue Mechanics Across Outflow Tract Morphogenesis. bioRxiv : the preprint server for biology.

Wang KT, et al. (2025) Pluripotent Stem Cell Plasticity is Sculpted by a Slit-Independent Robo Pathway in a Regenerative Animal. bioRxiv : the preprint server for biology.

James RC, et al. (2025) Embryonic Stem Cell-Specific Responses to DNA Replication Stress. bioRxiv : the preprint server for biology.

Trigiani L, et al. (2025) Memory deficits in hypertensive ApoE4 mice reversed by P2Y12 inhibition via different mechanisms in males and perimenopausal females. Research square.

Chaturbedi A, et al. (2025) Different gametogenesis states uniquely impact longevity in *Caenorhabditis elegans*. Nature communications, 16(1), 9300.

Zhang H, et al. (2025) CCAAT/Enhancer-Binding Proteins ? and ? Regulate Ovulation and Gene Expression via Dose- and Stage-Dependent Mechanisms. Endocrinology, 166(7).

Chatterjee M, et al. (2025) mirror determines the far posterior domain in butterfly wings. eLife, 13.

Rusnak B, et al. (2025) Brassinosteroids mediate proper coordination of sepal elongation. bioRxiv : the preprint server for biology.

Kolling LJ, et al. (2025) The superficial tufted and mitral cell output neurons of the mouse olfactory bulb have dual roles in insulin sensing. Journal of cell science, 138(19).

Zhang T, et al. (2025) Enhanced extracellular matrix remodeling due to embedded spheroid fluidization. New journal of physics, 27(7), 073301.

Ahn B, et al. (2025) Deacetylation of HSC70 by SIRT2 promotes chaperone mediated autophagy. *Autophagy reports*, 4(1), 2580781.

Atkins Z, et al. (2025) Shear-reversible and super-thickening starch Janus particles. *Carbohydrate polymers*, 360, 123599.

Jayaraman A, et al. (2025) Red blood cell entrapment in thrombi formed under pathological flow: Stiffness and binding antigens impact thrombus morphology and cell distribution. *Acta biomaterialia*, 201, 336.

Driscoll K, et al. (2025) Valve endothelial monolayer fissuring via RhoA activity induces 3D calcific aortic valve lesion emergence as revealed by a longitudinal live-imaging platform. *bioRxiv : the preprint server for biology*.

Naguib N, et al. (2025) Enhanced Intracellular Delivery via Photochemical Internalization of Ultrasmall Fluorescent Core-Shell Aluminosilicate Nanoparticles. *ACS biomaterials science & engineering*.

Wright Q, et al. (2025) Greater collagen alignment is associated with accumulation of advanced glycation endproducts in iliac trabecular bone in men and women undergoing spine fusion surgery. *JBMR plus*, 9(9), ziaf100.

Shields J, et al. (2025) Letting go with the flow: directional abscission of dandelion seeds. *Journal of the Royal Society, Interface*, 22(230), 20250227.

Robertus CM, et al. (2025) A Quantitative Model of Chemotherapeutic Drug Sensitivity as a Function of P-Glycoprotein Expression. *Molecules (Basel, Switzerland)*, 30(14).

Lopez SG, et al. (2025) Medial Osteochondral Defect Drives Matrix and Cell Pathology in Compartment-Matched Meniscus. *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*.