

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: access service resource, core facility, service resource

Keywords: USEEdit, 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: 20260912T200412+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 76 mentions in open access literature.

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

Sole AH, et al. (2026) Morphological and functional characterization of the ptychocyte, a stingless stinging cell. bioRxiv : the preprint server for biology.

Chernavsky NE, et al. (2026) Label-free tracking of subcortical white matter degradation in vivo using third harmonic generation microscopy in a mouse model of multiple sclerosis. Biomedical optics express, 17(2), 1011.

Mäntylä E, et al. (2026) Deep Invaginations of Nuclear Envelope Coordinate Spatial Organization of Chromatin in Epithelium. bioRxiv : the preprint server for biology.

Bolstad K, et al. (2026) Regression of juvenile tentacles is driven by loss of cell proliferation in *Halicystus sanjuanensis*, a cnidarian with limited metamorphosis. bioRxiv : the preprint server for biology.

Wang KT, et al. (2026) RoboA reinforces planarian stem cell fate through FoxA and Anosmin1a. Nature communications, 17(1).

Lopez RN, et al. (2026) Novel cell and tissue dynamics drive the unusual biology of the catch tentacle, an inducible organ of aggression found in the sea anemone *Metridium senile*. bioRxiv : the preprint server for biology.

Wu Y, et al. (2026) Identification and Optimization of Kratom Strictosidine Pathway Enabled by Yeast Multiplex Engineering. bioRxiv : the preprint server for biology.

Yang B, et al. (2026) Interactomics-driven discovery of alkaloid biosynthetic pathways in kratom. bioRxiv : the preprint server for biology.

Li P, et al. (2026) Probing the Acid-Induced Hydrolysis of Sucrose Monopalmitate and Its Role in Interfacial Properties. Journal of agricultural and food chemistry, 74(17), 13959.

Wagner EK, et al. (2026) Development of a Laminin-511 Inspired 3D Zwitterionic Hydrogel for Human Pluripotent Stem Cell Culture. ACS applied materials & interfaces, 18(24), 33680.

Chen R, et al. (2026) Improvements in bone quality by parathyroid hormone treatment are enhanced in the Nmp4 knockout mouse model. *Bone*, 205, 117800.

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*.

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*.

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

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

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.

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.

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.

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