

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.org/) on Apr 8, 2025

## 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>

**Proper Citation:** Cornell University BRC Imaging Core Facility (RRID:SCR\_021741)

**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:** USEDit, ABRF, microscopy, imaging

**Funding:**

**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:** 20250407T220626+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 41 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Ascenção C, et al. (2024) A TOPBP1 allele causing male infertility uncouples XY silencing dynamics from sex body formation. *eLife*, 12.

Hafezi Y, et al. (2024) The *Drosophila melanogaster* Y-linked gene, WDY, is required for sperm to swim in the female reproductive tract. *Communications biology*, 7(1), 90.

Park S, et al. (2024) Leucine zipper-based SAIM imaging identifies therapeutic agents to disrupt the cancer cell glycocalyx for enhanced immunotherapy. *bioRxiv : the preprint server for biology*.

He W, et al. (2024) Computational Fluid Dynamic Optimization of Micropatterned Surfaces: Towards Biofunctionalization of Artificial Organs. *Bioengineering (Basel, Switzerland)*, 11(11).

Park S, et al. (2024) COLLAGEN MINERALIZATION DECREASES NK CELL-MEDIATED CYTOTOXICITY OF BREAST CANCER CELLS VIA INCREASED GLYCOCALYX THICKNESS. *bioRxiv : the preprint server for biology*.

Liu C, et al. (2024) Elucidating the metabolic roles of isoflavone synthase-mediated protein-protein interactions in yeast. *bioRxiv : the preprint server for biology*.

Irwin RM, et al. (2024) Connexin 43 regulates intercellular mitochondrial transfer from human mesenchymal stromal cells to chondrocytes. *Stem cell research & therapy*, 15(1), 359.

Irwin RM, et al. (2024) Connexin 43 Regulates Intercellular Mitochondrial Transfer from Human Mesenchymal Stromal Cells to Chondrocytes. *bioRxiv : the preprint server for biology*.

Zhao J, et al. (2024) Loss of Diphthamide Increases DNA Replication Stress in Mammalian Cells by Modulating the Translation of RRM1. *ACS central science*, 10(10), 1835.

Gu W, et al. (2024) Extracellular vesicles incorporating retrovirus-like capsids for the enhanced packaging and systemic delivery of mRNA into neurons. *Nature biomedical engineering*.

Park S, et al. (2024) Immunoengineering can overcome the glycocalyx armour of cancer cells. *Nature materials*, 23(3), 429.

Aktas Eken G, et al. (2024) Advancing Glucose Sensing Through Auto-Fluorescent Polymer Brushes: From Surface Design to Nano-Arrays. *Small (Weinheim an der Bergstrasse, Germany)*, e2309040.

Noll JCG, et al. (2024) Identification of an Immunodominant B-Cell Epitope in African Swine Fever Virus p30 Protein and Evidence of p30 Antibody-Mediated Antibody Dependent Cellular Cytotoxicity. *Viruses*, 16(5).

Scott SA, et al. (2024) Dopamine receptor D2 confers colonization resistance via microbial metabolites. *Nature*, 628(8006), 180.

Park S, et al. (2024) Collagen Mineralization Decreases NK Cell-Mediated Cytotoxicity of Breast Cancer Cells via Increased Glycocalyx Thickness. *Advanced materials (Deerfield Beach, Fla.)*, e2311505.

Kagemann CH, et al. (2024) *Wolbachia pipientis* Modulates Germline Stem Cells and Gene Expression Associated with Ubiquitination and Histone Lysine Trimethylation to Rescue Fertility Defects in *Drosophila*. *Genetics*.

Huang Y, et al. (2024) Nanoengineering Spikey Surfaces: Investigation of Reversible Organizational Control of Surface-Tethered Polypeptide Brushes. *Langmuir : the ACS journal of surfaces and colloids*, 40(45), 24045.

Chrostek E, et al. (2024) Morphological study of pulp cavity anatomy of canine teeth in domestic cats using micro-computed tomography. *Frontiers in veterinary science*, 11, 1373517.

Versluis P, et al. (2024) Live-cell imaging of RNA Pol II and elongation factors distinguishes competing mechanisms of transcription regulation. *Molecular cell*, 84(15), 2856.

Chen YG, et al. (2024) Transformation of metallo-elastomer grafts in a carotid artery interposition model over a year. *Biomaterials*, 309, 122598.