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

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: 20250519T205316+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 NIF.

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.

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.

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.

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.

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

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.

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.

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.