Resource Summary Report

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University of Florida ICBR Electron Microscopy Core Facility

RRID:SCR_019146
Type: Tool

Proper Citation

University of Florida ICBR Electron Microscopy Core Facility (RRID:SCR_019146)

Resource Information

URL: http://www.biotech.ufl.edu/cores/electron-microscopy/

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Description: ICBR Electron Microscopy supports researchers in visualizing microscopic structures through imaging projects and user training. Provided serives include room temperature and cryo transmission and scanning electron microscopy, confocal laser scanning microscopy, sample preparation and user training.

Synonyms: University of Florida UF ICBR Electron Microscopy, UF ICBR Electron Microscopy

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

Keywords: USEDit, electron microscopy, scanning electron microscopy, cryo transmission, confocal laser scanning microscopy, sample preparation, training, ABRF, MSA, Microscopy Society of America

Funding:

Resource Name: University of Florida ICBR Electron Microscopy Core Facility

Resource ID: SCR_019146

Alternate IDs: ABRF_648

Alternate URLs: https://coremarketplace.org/?FacilityID=648

Record Creation Time: 20220129T080343+0000

Record Last Update: 20250519T205308+0000

Ratings and Alerts

No rating or validation information has been found for University of Florida ICBR Electron Microscopy Core Facility.

No alerts have been found for University of Florida ICBR Electron Microscopy 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 RRID.

Jabbari K, et al. (2025) The Structural, Biophysical, and Antigenic Characterization of the Goose Parvovirus Capsid. Microorganisms, 13(1).

Ray AP, et al. (2024) The conformational equilibria of a human GPCR compared between lipid vesicles and aqueous solutions by integrative 19F-NMR. bioRxiv : the preprint server for biology.

Varholick JA, et al. (2024) Older spiny mice (Acomys cahirinus) have delayed and spatially heterogenous ear wound regeneration. Biology open, 13(10).

Beliakoff RE, et al. (2024) Bile promotes Lactobacillus johnsonii N6.2 extracellular vesicle production with conserved immunomodulatory properties. Scientific reports, 14(1), 12272.

Pipis N, et al. (2024) Exploring the Fibrous Nature of Single-Stranded DNA-Collagen Complexes: Nanostructural Observations and Physicochemical Insights. ACS omega, 9(29), 32052.

Ligocki AP, et al. (2024) Cerebrospinal fluid flow extends to peripheral nerves further unifying the nervous system. Science advances, 10(36), eadn3259.

Fenton LK, et al. (2024) Aeolian Biodispersal of Terrestrial Microorganisms on Mars Through Saltation Bombardment of Spacecraft. Astrobiology, 24(11), 1128.

Ali S, et al. (2024) High-throughput Generation of Collagen Microbeads for 3D Cell Culture and Extracellular Vesicle Production. bioRxiv : the preprint server for biology.

Gulkis M, et al. (2024) Structural Characterization of Human Bufavirus 1: Receptor Binding and Endosomal pH-Induced Changes. Viruses, 16(8).

Mietzsch M, et al. (2024) The Structure of Spiroplasma Virus 4: Exploring the Capsid Diversity of the Microviridae. Viruses, 16(7).

Mietzsch M, et al. (2024) Structural characterization of antibody-responses from Zolgensma treatment provides the blueprint for the engineering of an AAV capsid suitable for redosing. bioRxiv : the preprint server for biology.

Smith ED, et al. (2024) Hyperacetylation mimetics within the tau filament core inhibits prion-like propagation of misfolded tau. bioRxiv : the preprint server for biology.

Poole B, et al. (2024) Sirtuin3 promotes the degradation of hepatic Z alpha-1 antitrypsin through lipophagy. Hepatology communications, 8(2).

Stratton CE, et al. (2024) North American crayfish harbour diverse members of the Nudiviridae. Virology, 598, 110183.

Brinley AR, et al. (2024) Morphological and genetic characterization of the muscadine fruit abscission zone. Horticulture research, 11(10), uhae227.

Mietzsch M, et al. (2024) Structural characterization and epitope mapping of the AAVX affinity purification ligand. Molecular therapy. Methods & clinical development, 32(4), 101377.

Littrell CA, et al. (2024) Systemically targeting monocytic myeloid-derived suppressor cells using dendrimers and their cell-level biodistribution kinetics. Journal of controlled release : official journal of the Controlled Release Society, 374, 181.

Deb B, et al. (2024) Recombinant Fusion Proteins with Embedded Sensing Functions as Versatile Tools for Protocell Development. Biomacromolecules.

Stratton CE, et al. (2023) Alternosema astaquatica n. sp. (Microsporidia: Enterocytozoonida), a systemic parasite of the crayfish Faxonius virilis. Journal of invertebrate pathology, 199, 107948.

Pénzes JJ, et al. (2023) Bipartite genome and structural organization of the parvovirus Acheta domesticus segmented densovirus. Nature communications, 14(1), 3515.