

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 services 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: access service resource, core facility, service resource, training resource

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

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: 20260905T133418+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 65 mentions in open access literature.

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

Chitre S, et al. (2026) Campylobacter jejuni infection impacts host-derived miRNAs targeting bacterial and host genes. Microbiology spectrum, 14(3), e0318425.

Lopez-Duarte MC, et al. (2026) Circulating extracellular vesicles across bovine gestation conserve characteristics independently of fetal age and sex. Frontiers in veterinary science, 13, 1797667.

Gulkis M, et al. (2026) AAV2 Crosslinks Actin Filaments: Implications for AAV Gene Therapy Vector Design. bioRxiv : the preprint server for biology.

Rein B, et al. (2026) A Rapid Method for Accurately Determining Lipid Nanoparticle Size Using Nano-Flow Cytometry. Journal of biomolecular techniques : JBT, 37(2), 48.

Xu Z, et al. (2026) Engineering lipid nanoparticle surface hydrophobicity to modulate nano-bio interface and enable tissue-selective mRNA delivery. Biomaterials, 334, 124223.

Mehta DV, et al. (2026) The Role of Mannose in Saccharomyces pastorianus Flocculation During Industrial Brewing Fermentations. Yeast (Chichester, England), 43(4), 159.

Madrid G, et al. (2025) An improved nuclei isolation protocol from leaf tissue for single-cell transcriptomics. PloS one, 20(9), e0302118.

Aknadibossian V, et al. (2025) The citrus tristeza virus p33 protein functions as a viroporin. PLoS pathogens, 21(11), e1013730.

Alatawi H, et al. (2025) CerS2 is a druggable target in triple-negative breast cancer. bioRxiv : the preprint server for biology.

Zhou J, et al. (2025) Novel Lipid Biomarkers of Chronic Kidney Disease of Unknown Etiology Based on Urinary Small Extracellular Vesicles: A Pilot Study of Sugar Cane Workers. Metabolites, 15(8).

Sayeed MA, et al. (2025) Assembly and performance of a cholera RDT prototype that detects both Vibrio cholerae and associated bacteriophage as a proxy for pathogen

detection. *Journal of clinical microbiology*, 63(2), e0144324.

Gliwa K, et al. (2025) Biophysical and structural insights into AAV genome ejection. *Journal of virology*, 99(3), e0089924.

Schuerger AC, et al. (2025) Ultrastructure of *Serratia liquefaciens* Grown at 7 mbar Under Simulated Martian Conditions. *Microorganisms*, 13(11).

Nelson A, et al. (2025) Structural and Functional Characterization of Porcine Adeno-Associated Viruses. *Viruses*, 17(9).

Mietzsch M, et al. (2025) Structural characterization of antibody-responses following Zolgensma treatment for AAV capsid engineering to expand patient cohorts. *Nature communications*, 16(1), 3731.

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

Hsi J, et al. (2025) Birds of a feather flock together: structural characterization of red-crowned crane and turkey aveparvoviruses. *Journal of virology*, 99(7), e0011025.

Mirmahdi RS, et al. (2025) Navigating Uncertainties in RT-qPCR and Infectivity Assessment of Norovirus. *Food and environmental virology*, 17(1), 22.

Narayan OP, et al. (2025) Reversible light-responsive protein hydrogel for on-demand cell encapsulation and release. *Acta biomaterialia*, 193, 202.

Smith ED, et al. (2025) Acetylation Mimetic and Null Mutations Within the Filament Core of P301L Tau Have Varied Effects on Susceptibility to Seeding and Aggregation. *Journal of neurochemistry*, 169(9), e70221.