

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/>

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

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: core facility, training resource, service 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

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: 20260803T040758+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 56 mentions in open access literature.

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

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).

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

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.

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

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

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.

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

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

Powers J, et al. (2025) Cell-Free Protein Synthesis of Fusion-Protein Building Blocks Enables Autonomous Growth in Globular Protein Vesicle Protocells. *Biomacromolecules*, 26(6), 3879.

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.

Wen Y, et al. (2025) Partition-Less Digital Immunoassay Using Configurable Topographic Nanoarrays for Extracellular Vesicle Diagnosis of Ewing Sarcoma. *ACS nano*, 19(12), 11973.

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*.

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

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

Pipis N, et al. (2024) Toward Bioactive Hydrogels: A Tunable Approach via Nucleic Acid-Collagen Complexation. *Regenerative engineering and translational medicine*, 10(4), 564.

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.

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