

Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

North Carolina University at Chapel Hill Nanomedicines Characterization Core Facility

RRID:SCR_017951

Type: Tool

Proper Citation

North Carolina University at Chapel Hill Nanomedicines Characterization Core Facility
(RRID:SCR_017951)

Resource Information

URL: <http://ncore.web.unc.edu/>

Proper Citation: North Carolina University at Chapel Hill Nanomedicines Characterization Core Facility (RRID:SCR_017951)

Description: Core provides physicochemical characterization of nanoscale entities. Offers characterization of several classes of nanomaterials: Polymer conjugates, Polymeric micelles, Liposomes, Nanogels, Polyion complexes of small drugs and biomacromolecules (proteins, DNA, and RNA), Inorganic/metal nanoparticles, Bio-derived nanoparticles such as exosomes with protein and nucleic acid cargo.

Synonyms: Nanomedicines Characterization Core Facility

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

Keywords: Physicochemical, characterization, nanoscale, nanomaterial, polymer, conjugate, micelle, liposome, nanogel, polyion, complex, drug, protein, DNA, RNA, inorganic, metal, particle, service, core, ABRF

Funding: NCI P30 CA016086

Availability: Open

Resource Name: North Carolina University at Chapel Hill Nanomedicines Characterization Core Facility

Resource ID: SCR_017951

Alternate IDs: ABRF_983

Record Creation Time: 20220129T080337+0000

Ratings and Alerts

No rating or validation information has been found for North Carolina University at Chapel Hill Nanomedicines Characterization Core Facility.

No alerts have been found for North Carolina University at Chapel Hill Nanomedicines Characterization Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

El-Hage N, et al. (2023) Extracellular Vesicles Released by Genetically Modified Macrophages Activate Autophagy and Produce Potent Neuroprotection in Mouse Model of Lysosomal Storage Disorder, Batten Disease. *Cells*, 12(11).

Zhao Y, et al. (2022) Using Extracellular Vesicles Released by GDNF-Transfected Macrophages for Therapy of Parkinson Disease. *Cells*, 11(12).