

Resource Summary Report

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Northwestern University Analytical BioNanoTechnology Equipment Core Facility

RRID:SCR_023706

Type: Tool

Proper Citation

Northwestern University Analytical BioNanoTechnology Equipment Core Facility
(RRID:SCR_023706)

Resource Information

URL: <https://sqi.northwestern.edu/core-facilities/antec/>

Proper Citation: Northwestern University Analytical BioNanoTechnology Equipment Core Facility (RRID:SCR_023706)

Description: Facility houses research equipment for evaluating materials and biological preparations, and offers 3D printing and 3D scientific illustration services. Available instruments include Cytation3 Automated Microscope Plate Reader, BioTek Inc.; Zetasizer Nano ZSP, Malvern Inc.; Lyophilizers FreeZone 6 and 6 Plus, Labconco; Azure300, Chemiluminescent Gel Imager, Azure Biosystems; Real-Time PCR I-cycler CFX-Connect, Bio-Rad Laboratories; Centrifuge Sorvall X1R, ThermoFisher; MCR302 Rheometer, Anton Paar Inc.; Plasma Cleaner, Harrick Plasma; NanoSight300, Malvern Instruments (Evanston); IncuCyte Live Cell Analysis System, Sartorius; Piuma Nanoindenter, Optics 11; Freezer/Mill, SPEX Sample Prep; J-1500 Circular Dichroism Spectrometer, JASCO.

Abbreviations: ANTEC

Synonyms: Northwestern University Analytical BioNanoTechnology Equipment Core (ANTEC), Analytical BioNanoTechnology Equipment Core (ANTEC)

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

Keywords: USEDit, ABRF, BioNanoTechnology, evaluation of materials and biological preparations,

Availability: Open

Resource Name: Northwestern University Analytical BioNanoTechnology Equipment Core Facility

Resource ID: SCR_023706

Alternate IDs: ABRF_710

Alternate URLs: <https://coremarketplace.org/?FacilityID=710&citation=1>

Record Creation Time: 20230621T050216+0000

Record Last Update: 20260807T043011+0000

Ratings and Alerts

No rating or validation information has been found for Northwestern University Analytical BioNanoTechnology Equipment Core Facility.

No alerts have been found for Northwestern University Analytical BioNanoTechnology Equipment Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Lewis JA, et al. (2026) Nonionic peptide amphiphiles and their supramolecular co-assemblies tune charge density and bioactivity. *Journal of materials chemistry. B*, 14(20), 6252.

Pavlovi?? RZ, et al. (2026) Probing Supramolecular Motion with Nuclear Magnetic Resonance in Bioactive Scaffolds that Promote Neural Regeneration in the Central Nervous System. *Journal of the American Chemical Society*, 148(17), 18004.

John NW, et al. (2026) Sustained Local Delivery of Sodium Butyrate To Support Muscle Recovery in a Murine Model of Hindlimb Ischemia. *ACS applied bio materials*, 9(4), 2315.

Metlushko A, et al. (2026) Design of Neuronal Supramolecular Scaffolds Integrating Cell Signaling and Electrical Conductivity. *ACS biomaterials science & engineering*, 12(4), 2285.