Resource Summary Report

Generated by dkNET on Sep 20, 2026

Northwestern University Quantitative Bulk-Elemental Information Core Facility

RRID:SCR_017773
Type: Tool

Proper Citation

Northwestern University Quantitative Bulk-Elemental Information Core Facility (RRID:SCR_017773)

Resource Information

URL: http://qbic.facilities.northwestern.edu/

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Description: Provides imaging and quantification instrumentation for analyzing metal quotas at scales ranging from subcellular level to entire ecosystems shaping global biogeochemical cycles. Instruments are capable of quantitatively imaging biologically essential elements in individual cells. Used for research in co-evolution of microbial and eukaryotic life within broad range of challenging chemical environments. Services including instrument training, sample preparation and analysis, experiment design, and grant proposal assistance.

Abbreviations: QBIC

Synonyms: Quantitative Bio-element Imaging Center

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

Keywords: Quantitative, bioelement, imaging, analysis, metal, element, cell, training, design, grant, service, core

Availability: Open

Resource Name: Northwestern University Quantitative Bulk-Elemental Information Core Facility

Resource ID: SCR_017773

Alternate IDs: SCR_017876

Old URLs: http://chemgroups.northwestern.edu/qbic/

Record Creation Time: 20220129T080336+0000

Record Last Update: 20260919T195930+0000

Ratings and Alerts

No rating or validation information has been found for Northwestern University Quantitative Bulk-Elemental Information Core Facility.

No alerts have been found for Northwestern University Quantitative Bulk-Elemental Information 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 dkNET .

Palmer CD, et al. (2026) A redox- and proton-coupled inner membrane transporter mediates copper import to the bacterial cytoplasm. Proceedings of the National Academy of Sciences of the United States of America, 123(21), e2601726123.

Ye Z, et al. (2026) A Three-Component Strategy for Synthesizing High-Entropy Alloy Nanoparticles with High-Index Facets. Journal of the American Chemical Society, 148(17), 18095.