

Resource Summary Report

Generated by PRECISE-TBI on Sep 8, 2026

Cincinnati Children's Hospital NMR based Metabolomics Core Facility

RRID:SCR_022636

Type: Tool

Proper Citation

Cincinnati Children's Hospital NMR based Metabolomics Core Facility
(RRID:SCR_022636)

Resource Information

URL: <https://www.cincinnatichildrens.org/research/cores/metabolomics>

Proper Citation: Cincinnati Children's Hospital NMR based Metabolomics Core Facility
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Description: Provides all NMR related metabolomics services on human and animal cells, biopsies and body fluids.

Abbreviations: NBMC

Synonyms: NMR-based Metabolomics Core Facility

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

Keywords: USEDit, ABRF, NMR related metabolomics services, human and animal cells, biopsies, body fluids

Resource Name: Cincinnati Children's Hospital NMR based Metabolomics Core Facility

Resource ID: SCR_022636

Alternate IDs: ABRF_1486

Alternate URLs: <https://coremarketplace.org/?FacilityID=1486&citation=1>

Record Creation Time: 20220803T050137+0000

Record Last Update: 20260905T133428+0000

Ratings and Alerts

No rating or validation information has been found for Cincinnati Children's Hospital NMR based Metabolomics Core Facility.

No alerts have been found for Cincinnati Children's Hospital NMR based Metabolomics Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Kuwabara Y, et al. (2026) Heart-Specific and Conditional Deletion of the Immt Gene Reveals Its Role in Regulating Mitochondrial Structure and Total Heart Metabolism. *Cells*, 15(6).

Grover KE, et al. (2026) Genetic activation of ERK2 recapitulates core neurodevelopmental features of Rasopathy syndromes in mice. *HGG advances*, 7(3), 100621.

Mia S, et al. (2025) Hepato-cardiac interorgan communication controls cardiac hypertrophy via combined endocrine-autocrine FGF21 signaling. *Cell reports. Medicine*, 6(6), 102125.

Grover KE, et al. (2025) Genetic activation of ERK2 recapitulates core neurodevelopmental features of Rasopathy syndromes in mice. *bioRxiv : the preprint server for biology*.

Agarwal P, et al. (2025) Microbial metabolite drives ageing-related clonal haematopoiesis via ALPK1. *Nature*, 642(8066), 201.

Wilburn AN, et al. (2025) Maternal antibiotic exposure-mediated alterations in basal, and allergen-induced lung function are associated with altered recruitment of eosinophils to the developing lung. *Frontiers in immunology*, 16, 1715675.

Prabakaran AD, et al. (2024) Intermittent glucocorticoid treatment improves muscle metabolism via the PGC1 α /Lipin1 axis in an aging-related sarcopenia model. *The Journal of clinical investigation*, 134(11).

Khandelwal P, et al. (2024) A randomized phase 2 trial of oral vitamin A for graft-versus-host disease in children and young adults. *Blood*, 143(12), 1181.

Forde B, et al. (2024) Acute Fetal Metabolomic Changes in Twins Undergoing Fetoscopic Surgery for Twin-Twin Transfusion Syndrome. *Twin research and human genetics : the official journal of the International Society for Twin Studies*, 27(1), 56.

Prabakaran AD, et al. (2023) Glucocorticoid intermittence coordinates rescue of energy and mass in aging-related sarcopenia through the myocyte-autonomous PGC1alpha-Lipin1 transactivation. bioRxiv : the preprint server for biology.