

# Resource Summary Report

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## University of Luxembourg LCSB Metabolomics, Lipidomics and Proteomics Platform Core Facility

RRID:SCR\_024769

Type: Tool

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### Proper Citation

University of Luxembourg LCSB Metabolomics, Lipidomics and Proteomics Platform Core Facility (RRID:SCR\_024769)

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### Resource Information

**URL:** <https://www.uni.lu/lcsb-en/facilities/metabolomics/>

**Proper Citation:** University of Luxembourg LCSB Metabolomics, Lipidomics and Proteomics Platform Core Facility (RRID:SCR\_024769)

**Description:** The Metabolomics, Lipidomics, and Proteomics Platform facilitates metabolism-related and molecular research, serving researchers from academia and industry in Luxembourg and beyond. We specialize in the comprehensive analysis of small molecules and proteins within complex biological matrices. Our advanced analytical infrastructure and broad method portfolio accelerate scientific discoveries across biology, biomedicine, and systems biology.

**Synonyms:** LCSB Metabolomics Platform, LCSB Metabolomics and Lipidomics Platform, LCSB Metabolomics Lipidomics and Proteomics Platform Core Facility

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

**Keywords:** ABRF, Metabolomics, Lipidomics, Proteomics, small molecules, proteins, LC-MS, GC-MS, IC-MS, untargeted analysis, targeted analysis, method development, biomarker discovery, LFQ, biological matrices, sample preparation, data analysis, training

**Availability:** Open

**Resource Name:** University of Luxembourg LCSB Metabolomics, Lipidomics and Proteomics Platform Core Facility

**Resource ID:** SCR\_024769

**Alternate IDs:** ABRF\_2560

**Alternate URLs:** <https://coremarketplace.org/?FacilityID=2560&citation=1>

**Record Creation Time:** 20231208T050229+0000

**Record Last Update:** 20260919T200004+0000

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## Ratings and Alerts

No rating or validation information has been found for University of Luxembourg LCSB Metabolomics, Lipidomics and Proteomics Platform Core Facility.

No alerts have been found for University of Luxembourg LCSB Metabolomics, Lipidomics and Proteomics Platform Core Facility.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 6 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

Patraskaki M, et al. (2026) Unveiling Immune System Perturbations in Early Development Through Zebrafish Models of NADHX Repair Deficiency. Journal of inherited metabolic disease, 49(2), e70149.

Petrov VA, et al. (2026) Resistant starch improves Parkinson's disease symptoms through restructuring of the gut microbiome and modulating inflammation. Brain, behavior, and immunity, 132, 106217.

Tsenkova M, et al. (2025) Ketogenic diet suppresses colorectal cancer through the gut microbiome long chain fatty acid stearate. Nature communications, 16(1), 1792.

Heins-Marroquin U, et al. (2025) Pex1 loss-of-function in zebrafish is viable and recapitulates hallmarks of Zellweger spectrum disorders. Frontiers in molecular neuroscience, 18, 1634536.

Griffith CM, et al. (2025) CLYBL averts vitamin B12 depletion by repairing malyI-CoA. Nature chemical biology, 21(6), 906.

Benzarti M, et al. (2024) PKM2 diverts glycolytic flux in dependence on mitochondrial one-carbon cycle. Cell reports, 43(3), 113868.