

# Resource Summary Report

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## University of Manchester BioMS Core Facility

RRID:SCR\_020987

Type: Tool

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### Proper Citation

University of Manchester BioMS Core Facility (RRID:SCR\_020987)

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### Resource Information

**URL:** <https://sites.manchester.ac.uk/bioms/>

**Proper Citation:** University of Manchester BioMS Core Facility (RRID:SCR\_020987)

**Description:** Core offers mass spectrometry services and associated technologies to the University of Manchester and beyond with focus on biological molecules such as proteins and metabolites in proteomics and metabolomics areas. Provides support from experimental design to advanced sample preparation and data processing and interpretation.

**Abbreviations:** BioMS

**Synonyms:** University of Manchester UoM-BioMS, UoM-BioMS

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

**Keywords:** USEDit, ABRF

**Availability:** open

**Resource Name:** University of Manchester BioMS Core Facility

**Resource ID:** SCR\_020987

**Alternate IDs:** ABRF\_1131

**Alternate URLs:** <https://coremarketplace.org/?FacilityID=1131>

**Record Creation Time:** 20220129T080353+0000

**Record Last Update:** 20260807T042934+0000

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### Ratings and Alerts

No rating or validation information has been found for University of Manchester BioMS Core Facility.

No alerts have been found for University of Manchester BioMS Core Facility.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Wu Z, et al. (2026) EVC protein regulates Sonic hedgehog signaling during human intervertebral disc development and degeneration. *iScience*, 29(1), 114290.

Iu E, et al. (2026) A TRPV4-dependent calcium signaling axis regulates lamellipodial actin architecture to promote cell migration. *Current biology : CB*, 36(4), 995.

Elias AE, et al. (2026) A skin isolate of *Micrococcus luteus* negates the *Staphylococcus aureus*-induced release of type 2 cytokines from keratinocytes. *Frontiers in immunology*, 17, 1711723.

Preston R, et al. (2026) Accelerated basement membrane remodeling and serum matrix fragments as biomarkers of fibrosis in Alport syndrome. *Cell reports*, 45(5), 117356.

Hastings N, et al. (2026) Roles of astrocytic Connexin 43 gap junctional deficit in alpha-synucleinopathy and inflammation relevant to Parkinson's. *Experimental neurology*, 404, 115897.

Tuieng RJ, et al. (2025) X-Ray Exposure Induces Structural Changes in Human Breast Proteins. *International journal of molecular sciences*, 26(12).

Alanazi F, et al. (2025) Cell Surface Proteomics Reveals Hypoxia-Regulated Pathways in Cervical and Bladder Cancer. *Proteomes*, 13(3).

Jiang F, et al. (2025) The RNA splicing factor PRPF8 is required for left-right organiser cilia function and determination of cardiac left-right asymmetry via regulation of Arl13b splicing. *bioRxiv : the preprint server for biology*.

Sharaireh A, et al. (2025) CLN7 protein functions at the interface between endolysosomes and stress granules to promote cell survival. *Cell death & disease*, 16(1), 772.

Guerrero Quiles C, et al. (2025) Radiation-induced extracellular matrix remodelling drives prognosis and predicts radiotherapy response in muscle-invasive bladder cancer. *Frontiers in oncology*, 15, 1616943.

Pickard A, et al. (2025) Collagen fibril formation at the plasma membrane occurs independently from collagen secretion. *Wellcome open research*, 10, 468.

Yin Z, et al. (2025) miR-363-5p- and IL-34-mediated modulation of pacemaker channel, HCN4, on iPSC-CM: Translation into the human sinus node microenvironment. *Heart rhythm*.

Dube CT, et al. (2025) Proteomic profiling of human plasma and intervertebral disc tissue reveals matrisomal, but not plasma, biomarkers of disc degeneration. *Arthritis research & therapy*, 27(1), 28.

Platt CI, et al. (2024) Acute exposure to ultraviolet radiation targets proteins involved in collagen fibrillogenesis. *Frontiers in physiology*, 15, 1352161.

Hoffmann SA, et al. (2024) Engineering stringent genetic biocontainment of yeast with a protein stability switch. *Nature communications*, 15(1), 1060.

Jariwala N, et al. (2024) Prediction, screening and characterization of novel bioactive tetra-peptide matrikines for skin rejuvenation. *The British journal of dermatology*.

Joyce W, et al. (2023) A Revised Perspective on the Evolution of Troponin I and Troponin T Gene Families in Vertebrates. *Genome biology and evolution*, 15(1).

Vasilogianni AM, et al. (2023) Proteomic quantification of receptor tyrosine kinases involved in the development and progression of colorectal cancer liver metastasis. *Frontiers in oncology*, 13, 1010563.

Maldonado H, et al. (2023) Systemically administered wound-homing peptide accelerates wound healing by modulating syndecan-4 function. *Nature communications*, 14(1), 8069.

Eckersley A, et al. (2023) Peptide location fingerprinting identifies structural alterations within basement membrane components in ageing kidney. *Matrix biology : journal of the International Society for Matrix Biology*, 121, 167.