

Resource Summary Report

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University of Birmingham Microscopy Core Facility

RRID:SCR_027108

Type: Tool

Proper Citation

University of Birmingham Microscopy Core Facility (RRID:SCR_027108)

Resource Information

URL: <https://www.birmingham.ac.uk/university/colleges/mds/facilities/technology-hub/microscopy-facility>

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Description: Facility, primarily based in Imaging Suite, offers range of imaging platforms, including widefield and confocal microscopes with fast detectors. Many systems support live imaging, including Selective Plane Illumination Microscopy (SPIM) system ideal for small animal models and spheroids.

Synonyms: University of Birmingham Microscopy Facility

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

Keywords: ABRF, Selective Plane Illumination Microscopy, imaging, widefield, confocal, microscopes, live imaging,

Resource Name: University of Birmingham Microscopy Core Facility

Resource ID: SCR_027108

Alternate IDs: ABRF_3273

Alternate URLs: <https://coremarketplace.org/?FacilityID=3273&citation=1>

Record Creation Time: 20250627T054457+0000

Record Last Update: 20260819T044632+0000

Ratings and Alerts

No rating or validation information has been found for University of Birmingham Microscopy Core Facility.

No alerts have been found for University of Birmingham Microscopy Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Perez-Toledo M, et al. (2026) Vaccine-induced antibodies can limit Salmonella infection in the absence of complement or macrophages. *mBio*, 17(4), e0284625.

Fu MS, et al. (2026) Organ-specific immune responses are strain-dependent in a mouse model of *Cryptococcus neoformans* brain infection. *Microbiology spectrum*, 14(3), e0251725.

Wahid M, et al. (2026) PEPITEM Regulates the Synovial Microenvironment During Immune-Mediated Inflammatory Arthritis to Limit Disease. *Arthritis & rheumatology* (Hoboken, N.J.), 78(7), 1446.

Patel L, et al. (2025) Substrate stiffness-dependent metabolic reprogramming of iPSC-derived cardiomyocytes on physiological PDMS polymers. *Metabolic engineering communications*, 21, e00266.

El-Awaisi J, et al. (2025) Spleen Tyrosine Kinase Inhibition Mitigates Hemin-Induced Thromboinflammation in an Organ-Specific Manner in Sick Cell Mice. *Arteriosclerosis, thrombosis, and vascular biology*, 45(10), e483.

Frost K, et al. (2025) PEPITEM and its tripeptide pharmacophores: Mechanisms of bone regulation and therapeutic potential in health and disease. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 191, 118489.