

Resource Summary Report

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University of Exeter Centre for Cytomics Core Facility

RRID:SCR_027343

Type: Tool

Proper Citation

University of Exeter Centre for Cytomics Core Facility (RRID:SCR_027343)

Resource Information

URL: <https://www.exeter.ac.uk/cytomics>

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Description: Core offers high-dimensional spectral cytometry, conventional flow cytometry, nano cytometry, imaging cytometry, spatial biology, and multi-omics (proteomics and transcriptomics). Provides Cytex Aurora spectral cytometers with up to 64-colour capability, CytoFLEX LX for multiparameter conventional cytometry, and CytoFLEX nano for ultra-sensitive detection of viruses, extracellular vesicles, and submicron particles, FlowCam 8400 imaging system for real-time visualisation and analysis of plankton, microbial communities, and other aquatic particulates. Other instruments include Amnis ImageStreamX MKII, MACSima Imaging Cytomics System. Provides services from immunotherapy development, precision oncology, and regenerative medicine to environmental monitoring, plant sciences, and nanoparticle characterisation. All services are underpinned by advanced AI-driven analytics, leveraging R, Python, TensorFlow, and PyTorch on high-performance computing platforms to integrate and interpret complex datasets.

Synonyms: UOE-Centre for Cytomics

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

Keywords: ABRF

Resource Name: University of Exeter Centre for Cytomics Core Facility

Resource ID: SCR_027343

Alternate IDs: ABRF_4091

Alternate URLs: <https://coremarketplace.org/?FacilityID=4091&citation=1>

Record Creation Time: 20250819T063047+0000

Record Last Update: 20260820T055135+0000

Ratings and Alerts

No rating or validation information has been found for University of Exeter Centre for Cytomics Core Facility.

No alerts have been found for University of Exeter Centre for Cytomics Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.