Resource Summary Report

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University of Melbourne Biological Optical Microscopy Platform (BOMP) Core Facility

RRID:SCR_018888
Type: Tool

Proper Citation

University of Melbourne Biological Optical Microscopy Platform (BOMP) Core Facility (RRID:SCR_018888)

Resource Information

URL: https://research.unimelb.edu.au/facilities-and-resources/research-infrastructure/biological-optical-microscopy-platform

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Description: Core provides access to fluorescence microscopy equipment including Deltavision OMX Blaze Super Resolution (3D-SIM/SMLM), Leica SP8 inverted confocal, La Vision Ultramicroscope II Lightsheet Microscope,Nikon Andor WD spinning disk, Nikon A1R inverted confocal x2, Olympus FV-MPERS Multi Photon,Olympus FV3000 inverted confocal (live cell) ISS Fast-FLIM, Perkin Elmer Operetta High Content Imaging, Zeiss LSM800 upright Airyscan, Zeiss LSM880 upright Airyscan fast, Zeiss Elyra/LSM880 inverted (live cell), super resolution (Airyscan/SMLM). Staff can help with image analysis, super resolution microscopy, fluorescence lifetime imaging microscopy, high content imaging and light sheet microscopy techniques.

Abbreviations: BOMP

Synonyms: Biological Optical Microscopy Platform

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

Keywords: Fluorescence microscopy, microscope, instrument, equipment, image analysis, imaging microscopy, light sheet microscopy, imaging, ABRF, ABRF

Funding:

Availability: Open

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Resource ID: SCR_018888

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Ratings and Alerts

No rating or validation information has been found for University of Melbourne Biological Optical Microscopy Platform (BOMP) Core Facility.

No alerts have been found for University of Melbourne Biological Optical Microscopy Platform (BOMP) Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

Dunleavy JEM, et al. (2023) The katanin A-subunits KATNA1 and KATNAL1 act co-operatively in mammalian meiosis and spermiogenesis to achieve male fertility. Development (Cambridge, England), 150(22).

Cheers SR, et al. (2023) Spastin is an essential regulator of male meiosis, acrosome formation, manchette structure and nuclear integrity. Development (Cambridge, England), 150(6).