Core Facility for Metabolic and Mitochondrial Studies

The CFMMS provides key support for the UCL Consortium for Mitochondrial Research (CfMR), the newly formed UCL Institute for Metabolism and Society and any groups with scientific questions which can be addressed with this technology.

The facility is currently maintained by the members of Szabadkai and Duchen labs. We are working in shared space with the Medical Sciences Building Microscopy Facility and share equipment with the Barnes lab.

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Imaging

- Confocal Microscopy
- Widefield Microscopy
- High Content Live Cell Imaging

Bioenergetics

- Oroboros high resolution respirometry
- Seahorse XF24

Plate reader/imager

- BMG Labtech FLUOstar OPTIMA
- FLIPR Tetra High-Throughput Cellular Screening System

Flow cytometry

- BD Accuri C6