

CMI 2016 status report

Centre for Microscopy and Imaging core facility at NUIG

A report on the activities of the Centre for Microscopy and Imaging, a core facility funded through the Advancing Medicine through discovery program PRTL15. Time period 1st Jan to 31st Dec 2016. CMI personnel : Dr. Peter Owens, Prof Peter Dockery (director), Mr Pierce Lalor, Dr Eadaoin Timmins, Mr David Connolly, Mr. Mark Webber.

The Centre for Microscopy and Imaging at NUIG (CMI) is a core facility dedicated to providing scientists with a variety of high-end light and electron microscopes along cutting-edge imaging software and analysis tools.

Our mission is to:

- Provide access to high-end acquisition and analysis workstations
- Provide expertise in microscopy, imaging and analysis specialising in cell and tissue phenotypes.
- Maintain instruments and workstations to ensure quality and efficiency
- Maintain an institute-wide image database for better and safer archiving of all image or image-related documents
- Link to other European and worldwide microscopy and imaging networks

The following information and statistics represent all collaborations developed in the reporting period 1st January to 31st December 2016 between members of the CMI and other research teams at NUIG.

Activities of the CMI at a glance for 2016

6234 hours logged on CMI supported instrumentation

245 individual researchers were supported during the period

56 individual PIs from NUIG

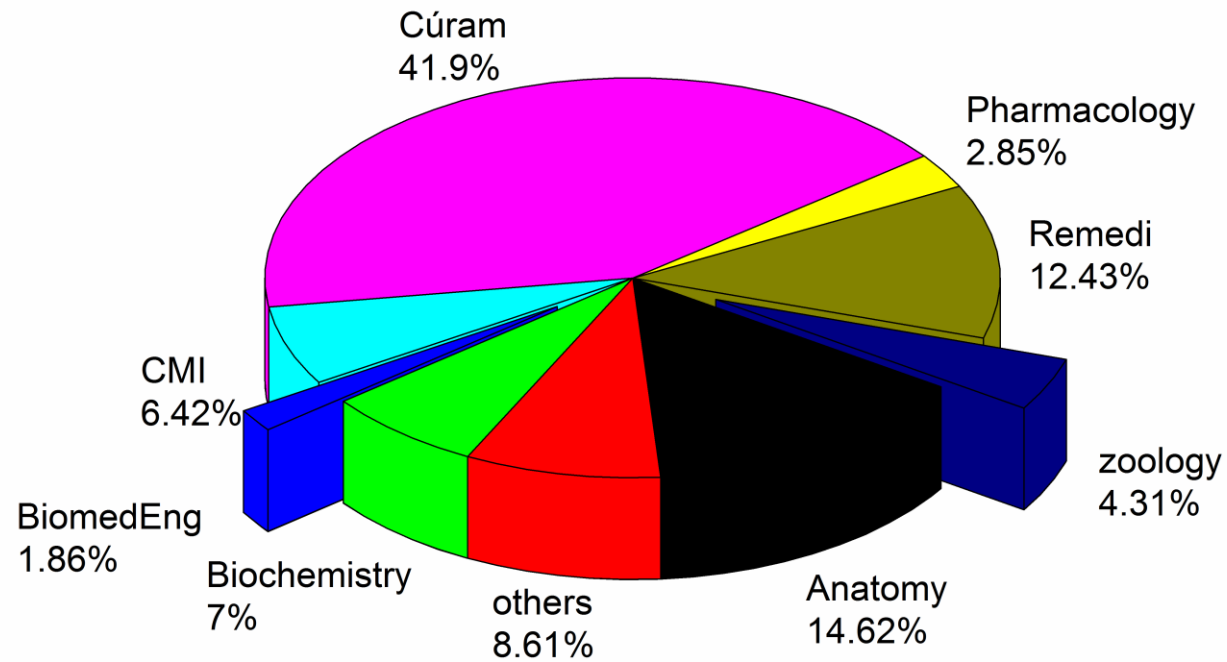
39 publications (papers, presentations, posters) using / referencing the CMI

9 core systems currently supported

7 core imaging systems supporting research

6 Grants submitted involving the imaging core facility

Group usage of CMI equipment 2016



Others: MS group, industry collaboration, Physics, ARC, Bacteriology, chemistry, Mechanical Engineering, Microbiology, MSc Biomedical Science,

Orbsen Therapeutics, Pathology, Physiology, Surgery