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 PRTLI5. 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

- Cúram 41.9%
- Pharmacology 2.85%
- Remedi 12.43%
- CMI 6.42%
- others 8.61%
- Biochemistry 7%
- Anatomy 14.62%
- BiomedEng 1.86%
- zoology 4.31%

Others: MS group, industry collaboration, Physics, ARC, Bacteriology, chemistry, Mechanical Engineering, Microbiology, MSc Biomedical Science, Orbsen Therapeutics, Pathology, Physiology, Surgery