Workshop: Automated Microscopy for Everyone

hosted by the Imperial College London / Pantazis Lab

Automated microscopy is increasingly employed in biomedical and pharmaceutical research for the large scale phenotypic analysis of biological specimens. This has led to many solutions for various assay needs and also often to complex setups, limiting use to expert staff. To address this issue, ACQUIFER has developed a novel and easy-to-use imaging platform.

In this workshop, we will present the ACQUIFER Imaging Machine, an automated microscope following a unique opto-mechanical design rendering it ideal for imaging non-adherent, motion sensitive or large specimens. The focus of this workshop will be:

- Advantages of the ACQUIFER Imaging Machine concept for reliable, reproducible and fast widefield imaging in multi-well plates.
- Tools and methods for reproducible mounting and imaging of e.g. zebrafish in multi-well plates.
- Smart imaging workflows – from image acquisition to data processing.

Important:

If you wish to attend the online seminar and workshop, please register with ACQUIFER by filling the demo user form, so that we can accommodate you and your specimen.

Location:

Imperial College London
Department of Bioengineering / South Kensington Campus
with the kind support of the Pantazis Lab

Programme:

Online Seminar:
19th of October 2022, 14:00 to 16:00.

Demonstration and Hands-on Sessions:
25th to 27th of October, 2022
3-4 hour slots per small group (4 to 5 participants)