

Advanced Light Microscopy Facility - ALMF

The Advanced Light Microscopy Facility (ALMF) at European Molecular Biology Laboratories (EMBL) in Heidelberg offers a collection of state-of-the-art light microscopy equipment including high-content screening and accessory services.

Website: http://www.embl.de/almf/almf_services/index.html

Equipment

20 x Microscopes (Super Resolution, FCS, Confocal, Nanosurgery Microscopy)

10 x HTS- Microscopes (Wide field -, Confocal -, Spinning Disk Microscopy)

6 x Sample preparation equipment (Liquid handling - Spotting Robotics, Automated Cell Seeding)

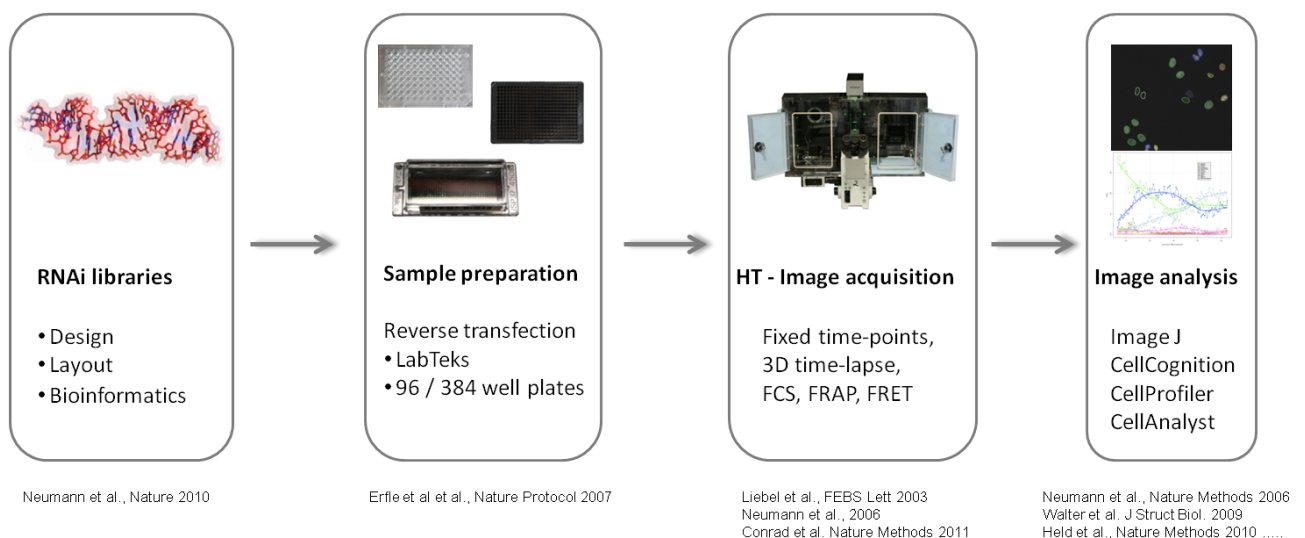
4 x Image analysis workstations (Imaris, Velocity)

Special Strength

HT-Microscopy, Correlative Light Microscopy, Functional Imaging (FRET, FRAP)

High Content Screening Microscopy - Service

We assist all users of the facility in all aspects of the screening process including assay development, pre-screen validation, acquisition of microscopy based images, and data analysis.



Teaching Activities

Website: http://www.embl.de/almf/almf_services/events_ext/index.html

10 - 14 June 2013 EMBL - Olympus Introductory Course on [Fundamentals of Widefield and Confocal Microscopy and Imaging](#), EMBL Heidelberg, Germany

11 - 12 September 2013 EMBL - Eppendorf [Introductory Course: Microinjection into adherent cells](#), EMBL Heidelberg, Germany

26 September - 4 October 2013 EMBO Practical Course: [Current Methods in Cell Biology](#)
EMBL Heidelberg, Germany