

Functional Genomic Area

Microscopic Observations






The **Microscopic Observations** platform is equipped with four systems:

2 microscopes, both with visible light and fluorescence;
2 stereomicroscopes, one with visible light and the other with visible light and fluorescence.

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Bookable equipment	Description	
ZEISS Apotome.2 <i>Microscope</i>	This microscope is an image acquisition system, visible light and fluorescence and it allows the creation of optical sections of fluorescent samples, without diffused light. The system is equipped with DIC and the following fluorescence filters: GFP, Rhodamine and DAPI.	
ZEISS Imager.M1 <i>Microscope</i>	It is an image acquisition system, visible light and fluorescence and it is equipped with DIC and the following fluorescence filters: GFP, Rhodamine and DAPI.	
Leica M205FA <i>Stereomicroscope</i>	This is a high magnification stereomicroscope (up to 100x), suitable for detecting fluorescence in embryos and juveniles of moderate size even in vivo. It allows various applications including, for example, detection of transgenic expression via GFP and mCherry.	
Leica M205C <i>Stereomicroscope</i>	It is a high magnification stereomicroscope (96x) that offers an ideal 3D image to see even the smallest details thanks to FusionOptics technology. The system is fully automated and the functions can be adjusted both through the user-friendly SmartTouch control unit and with the Leica software that allows you to work without touching the system.	