**Molecular Devices ImageXpress Micro Confocal (IXMC)**

The entrance room A4-110A houses Molecular Device (MD) ImageXpress® Micro Confocal (IXMC) system and Analysis Workstation

**High-content imaging solution with proprietary spinning disc confocal**

The IXMC system is a high-content solution that can switch between widefield and confocal imaging of fixed and live cells. It can capture high quality images of whole organisms, thick tissues, 2D and 3D models, and cellular or intracellular events. The spinning disc confocal and sCMOS camera enable imaging of fast and rare events like cardiac cell beating and stem cell differentiation. With the MetaXpress software, the system enables many confocal imaging applications from 3D assay development to screening. With File Server and Database, saved images be analyzed immediately on offline workstation while image acquisition experiment going-on.

* Capture excellent contrast, high resolution images with spinning disc confocal technology, wide field of view, and bright solid state light engines.
* Customize image acquisition and analysis.
* Take ultimate control over acquisition and analysis parameters.
* Wide dynamic range.
* Quantify low and high intensity signals in a single image.
* Increased sensitivity with custom optics. Swappable disc geometries provide flexibility between speed and resolution.
* Phase contrast and brightfield label-free imaging, fluorescence, widefield, and confocal imaging.