ICFO

Super-resolution Light Microscopy & Nanoscopy Facility

Equipment and Services Fees

SLN FEES		
Service/Equipment	**Technique/Service description**	**Cost/hour**
CW STED super resolution microscope (commercial)	- Super-resolution and confocal imaging CW STED - X,Y,Z scanning in microscopy slides and fixed tissue - Lambda-lambda hyperspectral capabilities - Live imaging - Combined with multiphoton imaging capabilities	74.97 €
3 colour, 3D STED super resolution microscope (commercial)	- 3D Super-resolution and confocal imaging in three colours, Gated and CW STED - X,Y,Z scanning in microscopy slides and fixed tissue - Lambda-lambda hyperspectral capabilities - Live imaging	74.97 €
STORM super resolution microscope (commercial)	- 2D and 3D single molecule localization capabilities - TIRF imaging - Multicolour (405, 488, 561, 647 nm)	62.02 €
SIMPLE Structured illumination based point localization estimator with enhanced precision super resolution microscope (customized)	- Fast super resolution reconstruction - Localization of spare molecules with precisions up to 1nm	45.44 €
Structured Illumination (SI) super resolution microscope (customized)	Fast super resolution reconstruction	45.44 €
Confocal and super resolution (STORM and SRFF) Spinning Disk with optical tweezrs (commercial and then customized)	Super resolution SRRF and STORM combined with confocal spinning disk and optical tweezers	74.46.€

Multimodal Light sheet fluorescence Microscope (LSFM) with fluidics for high content (customised)	- Imaging living samples from cells to model organisms - High throughput - Time lapse, long term at physiological conditions	39.36 €
Multiview Light sheet fluorescence Microscope (LSFM, customised)	- Imaging living samples from cells to model organisms - Time lapse, long term at physiological conditions	39.36 €
Fast volumetric Light sheet fluorescence Microscope (LSFM, customised)	- Imaging living samples from cells to model organisms - High throughput, fast volumetric imaging - Time lapse, long term at physiological conditions	39.36 €
Raman microscope (commercial)	- Raman microscope with line scanning for biological samples - 2 Raman lasers	59.36 €
Multimodal (Confocal and multiphoton) microscope (commercial and then customized)	- Multimodal confocal and multiphoton (TPEF, SHG, PSHG, THG), possibility for Optical tweezers, laser ablation - Physiological conditions - 3 different nonlinear IR excitation lasers for deep imaging	59.36 €
Adaptive optics scanning laser ophthalmoscope (AOSLO) (customized)	- Imaging retinas of patients - Imaging retinas of rats - Small and large fields of view with Adaptive Optics	41.29 €
Analysis Raman	- Full chemiometric analysis of hyperspectral data - PCA - Discrimination analysis - Multivariate analysis	40,00 €
Sample preparation STORM	- Labeling and sample mounting protocols for STORM imaging - In-house antibody labeling	40,00 €
Sample preparation and chamber LSFM	- Labeling protocols for LSFM - Mounting and chamber mounting design	40,00 €
Sample preparation (others)	- In-house antibody labeling - Clearing of samples. Various protocols	40,00 €

Workstation	- For image and data processing - Storage capacity"	3,66 €
Image Analysis	- Different softwares for image analysis and quantification - Advice on image analysis and macro development	40,00 €

Important notes:

1. The materials and accessories to use the System are not included.

2. The fees of the support technicians are the following:
    a. Technician: 40€/hour
    b. Supervisor: 60€/hour