

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)	<ul style="list-style-type: none"> - 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 	50,78 €
3 colour, 3D STED super resolution microscope (commercial)	<ul style="list-style-type: none"> - 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 	50,78 €
STORM super resolution microscope (commercial)	<ul style="list-style-type: none"> - 2D and 3D single molecule localization capabilities - TIRF imaging - Multicolour (405, 488, 561, 647 nm) 	35,11 €
SIMPLE Structured illumination based point localization estimator with enhanced precision super resolution microscope (customized)	<ul style="list-style-type: none"> - Fast super resolution reconstruction - Localization of sparse molecules with precisions up to 1nm 	25,50 €
Structured Illumination (SI) super resolution microscope (customized)	<ul style="list-style-type: none"> - Fast super resolution reconstruction 	25,50 €
Confocal and super resolution (STORM and SRFF) Spinning Disk with optical tweezers (commercial and then customized)	<ul style="list-style-type: none"> - Super resolution SRRF and STORM combined with confocal spinning disk and optical tweezers 	50,17 €

Multimodal Light sheet fluorescence Microscope (LSFM) with fluidics for high content (customised)	<ul style="list-style-type: none"> - Imaging living samples from cells to model organisms - High throughput - Time lapse, long term at physiological conditions 	18,14 €
Multiview Light sheet fluorescence Microscope (LSFM, customised)	<ul style="list-style-type: none"> - Imaging living samples from cells to model organisms - Time lapse, long term at physiological conditions 	18,14 €
Fast volumetric Light sheet fluorescence Microscope (LSFM, customised)	<ul style="list-style-type: none"> - Imaging living samples from cells to model organisms - High throughput, fast volumetric imaging - Time lapse, long term at physiological conditions 	18,14 €
Raman microscope (commercial)	<ul style="list-style-type: none"> - Raman microscope with line scanning for biological samples - 2 Raman lasers 	31,86 €
Multimodal (Confocal and multiphoton) microscope (commercial and then customized)	<ul style="list-style-type: none"> - 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 	31,86 €
Adaptive optics scanning laser ophthalmoscope (AOSLO) (customized)	<ul style="list-style-type: none"> - Imaging retinas of patients - Imaging retinas of rats - Small and large fields of view with Adaptive Optics 	20,48 €
Analysis Raman	<ul style="list-style-type: none"> - Full chemiometric analysis of hyperspectral data - PCA - Discrimination analysis - Multivariate analysis 	40,00 €
Sample preparation STORM	<ul style="list-style-type: none"> - Labeling and sample mounting protocols for STORM imaging - In-house antibody labeling 	40,00 €
Sample preparation and chamber LSFM	<ul style="list-style-type: none"> - Labeling protocols for LSFM - Mounting and chamber mounting design 	40,00 €
Sample preparation (others)	<ul style="list-style-type: none"> - 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