

CORE FACILITIES

RATES 2024



MICROFABSPACE FACILITY

Ref. SAP	EQUIPMENT	UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
001-PTN	Oven	h	4.74	4.86	6.08
002-PTN	Plasma Cleaner	h	8.27	8.49	10.61
003-PTN	Optical Microscope Olympus	h	11.95	12.25	15.32
053-PTN	Stereo Microscope Olympus	h	10.49	10.76	13.46
004-PTN	Interferometric Microscope	h	28.08	28.80	36.00
005-PTN	Profilometer	h	28.42	29.15	36.43
006-PTN	Spin-Coater*	h	22.95	23.54	29.43
047-PTN	Contact Angle	h	36.09	37.63	47.04
010-PTN	Chemical Bath	h	47.19	48.40	60.50
076-PTN	Puncher	h	8.07	8.28	10.35
077-PTN	Polymer Pump	h	8.07	8.28	10.35
078-PTN	Hot Embossing	h	8.07	8.28	10.35
079-PTN	Otoflash	h	4.04	4.14	5.18

*Materials and accessories to use the systems are not included.

Ref. SAP	PHOTOLITHOGRAPHY SERVICES	UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
009-PTN	Mask Aligner SÜSS*	h	25.60	26.26	32.82
067-PTN	Mask Aligner KLOÉ*	h	25.60	26.26	32.82
080-PTN	Chemical Bath Photolithography	h	50.70	52.00	65.00

*Materials and accessories to use the systems are not included.

Ref. SAP	3D PRINTER SERVICES	UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
054-PTN	3D Printer SOLUS*	h	17.80	18.26	22.82
072-PTN	3D Printer MICROLAY*	h	17.20	17.64	22.05
075-PTN	3D Printer (Extrusion) PRUSA*	h	14.53	14.90	18.63
081-PTN	3D Printer NANOSCRIBE* NEW!	h	54.60	56.00	70.00

*Materials and accessories to use the systems are not included.

Ref. SAP	DIRECT WRITE LITHOGRAPHY (DWL) SERVICES	UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
028-PTN	Direct write lithography: molds	Unt.	157.05	161.08	201.35
029-PTN	5" Photomask fabrication	Unt.	511.99	525.12	656.40

Ref. SAP	E-BEAM LITHOGRAPHY (EBL) SERVICES	UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
020-PTN	Sample preparation*	h	130.98	134.34	167.93
021-PTN	E-beam lithography	h	68.06	69.81	87.26

*Materials are not included.

Ref. SAP	THERMAL AND E-BEAM EVAPORATOR SERVICES	UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
064-PTN	Thermal and E-beam Evaporator	h	29.87	30.64	38.30
	Associated Consumables:				
032-PTN	Sputtering gold	nm	1.69	1.69	1.69
033-PTN	Thermal gold	nm	3.85	3.85	3.85
056-PTN	Al2O3	nm	0.47	0.47	0.47
057-PTN	SiO2	nm	0.47	0.47	0.47
058-PTN	Cr	nm	0.47	0.47	0.47
059-PTN	Ti	nm	0.47	0.47	0.47
035-PTN	Al	nm	0.70	0.70	0.70
065-PTN	ITO	nm	0.47	0.47	0.47

Ref. SAP	OTHER SERVICES	UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
043-PTN	Silanization	h	22.56	23.13	28.92

Ref. SAP	CONSUMABLES*	UNIT	PRICE (€)***
Si-Wafer-INF	4" silicon wafer, CZ Si, N-type (Phosphorous), 4", 525um thick, 100-oriented, 1-10Ωcm	Unit	15.49
Wafer-INF	4" Soda Lime Glass wafer, 550um thick. NO orientation Flat, wafers are completely round	Unit	16.42
MASK CR5-INF	5" Photomask	Unit	45.94
E-H60-50-0615-INF	Plastic box for 5" Cr mask	Unit	13.12
042-PTN	PDMS polymer	10 gr.	5.74
ECO-FLEX-0030-PTN	Ecoflex 00-30	10 gr.	1.00
202579-PTN	Epoxy kit Eden	10 gr.	5.00
203113-INF	Flexdym	Unit	45.00
Smooth Cast 310-PTN	Epoxy Smooth Cast 310	10 gr.	0.50
SU8-resin-PTN	SU-8-layer	5 ml	15.00
AZ-resin-PTN	AZ layer	5 ml	6.00

mr-resin-PTN	mr-DWL layer	5 ml	9.50
Solus Art-resin-PTN	Solus Art Grey	1 ml	0.50
Ortho-resin-PTN	FREEPRINT-Ortho 385 nm	1 ml	0.50
PETG-filament-PTN	PTEG Filament	10 gr.	0.50
IP-2-resin-PTN	IP-2 Cartridge	Unit	300.00

***Prices that may change depending on the purchase price.

MICROSCOPY CHARACTERIZATION FACILITY

Ref. SAP	ULTRA-HIGH-RESOLUTION FIELD EMISSION SCANNING ELECTRON MICROSCOPE (SEM)	UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
001-MIC	SEM Microscopy	h	126.55	129.80	162.25
	Biological samples preparation				
003-MIC	Chemical fixation (1 to 6 samples)	Process	82.45	84.56	105.70
004-MIC	Critical Point	h	11.70	12.00	15.00
	Gold coating for SEM Samples:				
005-MIC	- Sputtering	H	29.43	30.19	37.73
006-MIC	- Sputtering gold	nm	1.63	1.63	1.63

Ref. SAP	CONFOCAL MICROSCOPY	UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
007-MIC	Confocal Microscope	h	28.86	29.60	37.00

Ref. SAP	ADVANCED RESOLUTION MICROSCOPY (STORM)	UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
010-MIC	STORM Microscope	h	31.20	32.00	40.00

BIOIMAGING FACILITY^o

Ref. SAP	CELLULAR AND PRECLINICAL IMAGING BY MAGNETIC RESONANCE	UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
001-BIMG	Magnetic Resonance Imaging (MRI)	h	77.50	79.49	99.36
002-BIMG	Anesthesia MRI	h	1.08	1.11	1.38
003-BIMG	Dynamic Nuclear Polarization (DNP)	h	45.21	46.37	57.96
004-BIMG	Nuclear Magnetic Resonance (NMR)	h	7.29	7.48	9.35

005-BIMG	Para-hydrogenation	h	22.60	23.18	28.98
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⊖ All researchers who are interested in the BioImaging services, would have to submit previously a project proposal (check <https://ibecbarcelona.eu/services/bioimaging/> - Become User).

OTHER SERVICES – NEW!!!

Ref. SAP	EQUIPMENT	UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
001-GE-IM	Dry Freezer (Auto-service)	h	1.95	2.00	2.50

TECHNICIANS

Ref. SAP		UNIT	CERCA INSTITUTIONS PRICE (€)	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
074-PTN	Technician Microfabspace	h	68.69	70.45	88.07
015-MIC	Technician Microscopy	h	68.69	70.45	88.07
011-BIMG	Technician BioImaging	h	68.69	70.45	88.07
002-GE-IM	Technician General	h	68.69	70.45	88.07

Self-service is only available to users who frequently use the equipment and have successfully completed the corresponding usage exam. In this case, the rates listed should include the technician's hourly dedication fee for the relevant facility.

Internal spin-offs will have a 10% discount on private institutions prices.

VAT not included.

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