

UNIT 28- NANOIMAGING UNIT

ADVANCED FLUORESCENCE SERVICES

SERVICE	CONCEPT	UNIT	SERVICE PROVIDED BY SPECIALIST TECHNICIAN (on-site&remote)			INDEPENDENT USE (on-site; requires prior training)		
			A (BIONAND's partners, CIBER-BBN)	B (research public entities)	C (private entities)	A (BIONAND's partners, CIBER-BBN)	B (research public entities)	C (private entities)
LEICA Optical microscope	USE OF EQUIPMENT	HOUR	-	-	35,00	-	-	15,00
LEICA M165 STEREO-MICROSCOPE	USE OF EQUIPMENT	HOUR	23,16	30,00	45,00	2,92	10,00	20,00
	FLUORESCENCE SUPPLEMENT	HOUR	1,00	1,50	3,00	1,00	1,50	3,00
CONFOCAL LEICA SP5	USE OF EQUIPMENT	HOUR	23,79	35,00	60,00	8,61	25,00	45,00
	INCUBATOR SUPPLEMENT	HOUR	1,00	5,00	6,00	1,00	5,00	6,00
	MULTIPHOTON SUPPLEMENT	HOUR	4,00	15,00	30,00	4,00	15,00	34,00
NIKON TIRF	USE OF EQUIPMENT	HOUR	23,70	33,70	60,00	8,52	18,65	45,00
	INCUBATOR SUPPLEMENT	HOUR	1,00	5,00	6,00	1,00	5,00	6,00
	N - STORM SUPPLEMENT	HOUR	3,00	12,00	20,00	3,00	12,00	20,00
NIKON FLUORESCENCE	USE OF EQUIPMENT	HOUR	26,23	29,85	56,00	5,99	9,60	40,00
TIME LAPSE (any microscope) (*)	USE OF EQUIPMENT	HOUR	-	-	-	3,00	6,00	15,00
	INCUBATOR SUPPLEMENT	HOUR	-	-	-	1,00	5,00	6,00
	MULTIPHOTON SUPPLEMENT	HOUR	-	-	-	4,00	15,00	34,00
OPERETTA (High Content Screening)	USE OF EQUIPMENT	HOUR	25,10	35,00	55,00	9,92	25,00	40,00
IMAGE PROCESSING	USE OF EQUIPMENT	HOUR	30,36	35,00	50,00	5,06	10,00	20,00
SAMPLE PROCESSING	SAMPLE PROCESSING (reagent/consumable costs charged separately)	HOUR	30,36	35,00	45,00	-	-	-
Beckman Coulter Galios flow cytometer	USE OF EQUIPMENT	HOUR	14,00	22,00	40,00	6,50	14,20	28,00
Beckman Coulter MoFlo cell sorter	USE OF EQUIPMENT	HOUR	17,01	34,05	70,00	6,10	23,00	40,00

(*) TIME LAPSE is applicable only for long term acquisitions (6 hours minimum) of live samples (or similar), with no participation of the researcher or the Specialist Technician. This service cannot be applied during working hours, and the Specialist Technician must confirm the availability in advance.

ELECTRON MICROSCOPY SERVICES

SERVICE	CONCEPT	UNIT	SERVICE PROVIDED BY SPECIALIST TECHNICIAN (on-site&remote)			INDEPENDENT USE (on-site; requires prior training)		
			A (BIONAND's partners, CIBER-BBN)	B (research public entities)	C (private entities)	A (BIONAND's partners, CIBER-BBN)	B (research public entities)	C (private entities)
TEM FEI TECNAI G ² 20	USE OF EQUIPMENT	HOUR	27,50	50,00	80,00	15,00	35,34	50,00
SEM FEI QUANTA 250 FEG - ESEM	USE OF EQUIPMENT	HOUR	23,66	40,00	70,00	11,95	25,00	45,00
SAMPLE PROCESSING	ULTRAMICROTOME	HOUR	23,66	25,00	45,00	15,77	19,00	-
	CRYOCHAMBER	HOUR	23,94	29,47	65,00	16,05	21,50	-
	SAMPLE PROCESSING (reagent/consumable costs charged separately)	HOUR	23,66	30,00	45,00	-	-	-
SUPPLEMENT	Copper grid without support film	UNIT	0,20	0,80	1,20	-	-	-
	Copper grid with Formvar-Carbon film	UNIT	2,50	4,00	8,00	-	-	-
	QUANTIFOIL grid	UNIT	6,00	9,00	18,00	-	-	-

SMALL ANIMAL MULTIMODAL SERVICES

SERVICE	CONCEPT	UNIT	SERVICE PROVIDED BY SPECIALIST TECHNICIAN (on-site&remote)			INDEPENDENT USE (on-site; requires prior training)		
			A (BIONAND's partners, CIBER-BBN)	B (research public entities)	C (private entities)	A (BIONAND's partners, CIBER-BBN)	B (research public entities)	C (private entities)
MRI BRUKER BIOSPEC 9.4 T	USE OF EQUIPMENT	HOUR	40,00	55,00	200,00	20,99	45,00	-
	USE OF EQUIPMENT	4 h SEGMENT	30,00	45,00	150,00	15,00	35,00	-
	ADVANCED ACQUISITION METHODS AND/OR RESULTS PROCESSING	It will be estimated for each individual case						-
SUPPLEMENTS	ANESTHESIA	HOUR	4,00	5,00	7,00	-	-	-
	CONTRAST AGENT Gd	Dose/rat	6,00	9,00	15,00	-	-	-
	CONTRAST AGENT Gd	Dose/mouse	3,00	5,00	7,50	-	-	-
XTREME	USE OF EQUIPMENT	HOUR	25,30	38,50	80,00	12,65	25,00	50,00
	FLUORESCENCE SUPPLEMENT	HOUR	3,10	3,26	10,00	3,10	3,26	10,00
ALBIRA CT	USE OF EQUIPMENT	HOUR	25,30	43,65	90,00	12,65	30,00	55,00
SAMPLE PROCESSING	SAMPLE PROCESSING (reagent/consumable costs charged separately)	HOUR	30,36	35,00	45,00	-	-	-

(*) An individual accreditation of the Spanish Nuclear Safety Council (CSN) is mandatory for the independent use of the equipments Xtreme and Albira.

MAGNETIC RESONANCE SERVICES

SERVICE	CONCEPT	UNIT	SERVICE PROVIDED BY SPECIALIST TECHNICIAN (on-site&remote)			INDEPENDENT USE (on-site; requires prior training)		
			A (BIONAND's partners, CIBER-BBN)	B (research public entities)	C (private entities)	A (BIONAND's partners, CIBER-BBN)	B (research public entities)	C (private entities)
NMR 400 MHz BRUKER ASCENT	USE OF EQUIPMENT	HOUR	9,00	25,25	50,00	4,50	18,50	35,00
	USE OF EQUIPMENT + ROBOT (from 2nd hour)	HOUR	3,00	16,00	30,00	3,00	16,00	30,00
	USE OF EQUIPMENT (NIGHT RATE)	NIGHT	14,57	55,00	80,00	-	-	-
NMR 600 MHz BRUKER ASCENT	USE OF EQUIPMENT	HOUR	15,00	50,00	85,00	10,00	36,50	-
	USE OF EQUIPMENT (NIGHT RATE)	NIGHT	45,00	100,00	150,00	-	-	-
	USE OF EQUIPMENT + HRMAS PROBE	HOUR	20,00	60,00	100,00	15,00	42,00	-
	USE OF EQUIPMENT + HRMAS PROBE (NIGHT RATE)	NIGHT	50,00	105,00	160,00	-	-	-
	USE OF EQUIPMENT + CRYOPROBE	HOUR	20,00	65,00	110,00	16,50	48,00	-
	USE OF EQUIPMENT + CRYOPROBE (NIGHT RATE)	NIGHT	60,00	115,00	175,00	-	-	-
MINIESPEC	USE OF EQUIPMENT	HOUR	9,36	11,91	25,00	3,12	5,00	15,00
ANALYSIS OF RESULTS	It will be estimated for each individual case					-	-	-
SAMPLE PROCESSING	SAMPLE PROCESSING (reagent/consumable costs charged separately)	HOUR	18,71	30,00	45,00	-	-	-
SUPPLEMENTS	TUBE 5mm Minispec	UNIT	1,70	2,00	2,50	-	-	-
	TUBE 5mm 400 MHz	UNIT	6,00	8,00	10,00	-	-	-
	TUBE 5mm 600 MHz	UNIT	7,50	10,00	12,50	-	-	-
	INSERT FOR HRMAS SAMPLES	UNIT	10,00	12,00	15,00	-	-	-

(*) The rate linked to use of the ROBOT will be applicable from the second hour of use. The use of the ROBOT in shorter experiments will be rated as ordinary use of the NMR 400

(**) Night rate will only be applicable to experiments longer than 4 hours. In addition, this rate will only be applicable if the experiment cannot be planned during the ordinary working hours, and this will be determined by the Specialist Technician

In addition to the services within the Nanolmaging Unit, the following specialised services are offered:

ANIMAL HOUSE SERVICES

SERVICE	CONCEPT	UNIT	SERVICE PROVIDED BY SPECIALIST TECHNICIAN (on-site&remote)			INDEPENDENT USE (on-site; requires prior training)		
			A (BIONAND's partners, CIBER-BBN)	B (research public entities)	C (private entities)	A (BIONAND's partners, CIBER-BBN)	B (research public entities)	C (private entities)
HOUSING	MOUSE	CAGE/DAY (6-10 units)	1,10	1,30	2,40	-	-	-
HOUSING	MOUSE	CAGE/DAY (1-5 units)	1,00	1,20	2,25	-	-	-
HOUSING	RAT	CAGE/DAY (máx. 4 units)	1,10	1,30	2,40	-	-	-
LABORATORY	USE OF FACILITY	HOUR	19,89	28,00	46,00	0,00	3,00	6,00
SURGERY ROOM	USE OF FACILITY	HOUR	19,89	28,00	46,00	0,00	3,00	6,00
FLOW CABIN	USE OF FACILITY	HOUR	19,89	28,00	46,00	0,00	2,00	4,00
SACRIFICE	CO2 CHAMBER	USE	10,63	14,33	21,33	4,00	5,00	6,00
ACCESS CLOTHING	DISPOSABLE LAB COAT	UNIT	-	-	-	0,40	0,50	1,00
	DISPOSABLE LAB PYJAMA	UNIT	-	-	-	1,75	2,00	2,50
ANESTHESIA	SEVOFLURANE	ml	-	-	-	0,66	0,85	1,00
	XILAGESIC 2%	ml	-	-	-	0,50	0,90	1,00
	IMALGENE	ml	-	-	-	1,82	2,10	2,25
	ISOFLURANE	ml	-	-	-	0,27	0,55	0,70
	DOLETHAL	ml	-	-	-	0,22	0,40	0,60
	BUPRECARÉ	ml	-	-	-	1,34	1,55	1,75
	DOMTOR	ml	-	-	-	4,50	5,00	5,50

HISTOLOGY SERVICES

SERVICE	CONCEPT	UNIT	SERVICE PROVIDED BY SPECIALIST TECHNICIAN (on-site&remote)			INDEPENDENT USE (on-site; requires prior training)		
			A (BIONAND's partners, CIBER-BBN)	B (research public entities)	C (private entities)	A (BIONAND's partners, CIBER-BBN)	B (research public entities)	C (private entities)
CUTTING/GRINDING BASED HISTOLOGICAL SECTIONING	2-4 mm macro slice from fresh sample	macro slice	19,83	23,00	30,00	-	-	-
	2-4 mm macro slice from small fresh sample	macro slice	10,99	13,00	17,00	-	-	-
	Dehydration, infiltration and block elaboration (5 ml)	Block	30,30	50,00	65,00	-	-	-
	Dehydration, infiltration and block elaboration (10 ml)	Block	31,98	55,00	70,00	-	-	-
	Dehydration, infiltration and block elaboration (25 ml)	Block	36,99	65,00	80,00	-	-	-
	Dehydration, infiltration and block elaboration (60 ml)	Block	48,70	80,00	100,00	-	-	-
	Histology slide	Histology slide	42,11	45,00	64,00	-	-	-
PARAFFIN WAX HISTOLOGY SERVICE	Tissue processing	sample	2,49	3,20	4,00	2,49	3,20	4,00
	Block elaboration service	hour	21,46	25,00	40,00	-	-	-
MICROTOME	Use of equipment	hour	21,80	25,00	40,00	-	-	-
HISTOCHEMICAL STAIN SERVICE	Histochemical stain service	hour	21,46	25,00	40,00	-	-	-
SAMPLE PROCESSING	SAMPLE PROCESSING (reagent/consumable costs charged separately)	hour	21,46	25,00	40,00	-	-	-
IMAGE CAPTURE SERVICE	Use of equipment	hour	-	25,00	40,00	0,00	5,00	10,00