

CMR[B] CORE FACILITY

The CMR[B] Core Facility is designed as an area for cooperation among technical specialists and researchers. Each unit is staffed with expert personnel and equipped with state-of-the-art instruments for carrying out specific techniques. Nowadays, CMR[B] is offering some of the CF services to external researchers. If you are interested in any of the services, or if you would like further information, please contact each unit by e-mail.

AQUATIC ANIMALS UNIT (aquatic.unit@cmrb.eu)

	PRBB Fees	External Public Fees	External Private Fees
MICROINJECTION of DNA, MO or mRNA in ZF Embryos			
Fish crossing for microinjection (100 emb. aprox.)	21,3	43,7	87,4
Microinjection (200 emb. aprox.)	29,7	62,7	125,4
Phenotype Screening and imaging	19,2	41,0	82,0

WHOLE MOUNT IN SITU HYBRIDIZATION

Fish crossing for fixation (100 emb. aprox.)	21,3	43,7	87,4
Growth, fixation and dehydration (200 emb. approx.)	28,2	60,7	121,4
ISH	100,2	218,4	436,9
Screening and imaging	19,2	41,0	82,0

DISSECTION OF ORGANS/TISSUES FROM ADULT ZF

(10 adult ZF)	13,0	27,6	55,3
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RNA EXTRACTION from ZEBRAFISH EMBRYOS

Fish crossing for fixation (100 emb. aprox.)	21,3	43,7	87,4
Growth, fixation and dehydration (200 emb. approx.)	28,2	60,7	121,4
RNA extraction (100 emb. aprox)	39,7	83,7	167,4

BrdU INJECTION IN ADULT ZEBRAFISH

(10 adult ZF) 1 injection	54,0	86,2	172,4
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FLOW CITOMETRY UNIT (cytometry.unit@cmrb.eu)

	PRBB Fees	External Public Fees	External Private Fees
SORTER MOFLO 1H			
Advanced Technical Support	46,4	56,0	111,9

ANALYZER GALLIOS 1H

Self-Service	12,2	14,6	29,2
Advanced Technical Support	24,5	38,6	77,3

HISTOLOGY UNIT (histology.unit@cmrb.eu)

	PRBB Fees	External Public Fees	External Private Fees
EMBEDDING			
Paraffin/OCT 1block technical support	10,2	19,4	38,8
Paraffin/OCT 10 blocks technical support	64,1	114,1	228,1

MICROTOMY

Microtome self-service 1h	6,9	8,9	17,9
Microtomy of 1 block (10 slides) technical support	12,1	22,6	45,2
Microtomy of 10 blocks (10x10 slides) technical support	79,7	146,2	292,4
Cryostat self-service 1h	11,5	14,9	29,9
Cryomicrotomy of 1 block (10 slides) technical support	15,4	25,2	50,4
Cryomicrotomy of 10 blocks (10x10 slides) technical support	125,5	197,2	394,5

STAININGS

Hematoxylin-Eosin 10 slides	19,0	31,5	63,1
Masson's trichrome 10 slides	35,5	53,0	106,0

IMMUNODETECTIONS

Immunodetection (FLUO) 10 slides	54,2	104,6	209,2	*
Immunodetection (DAB) 10 slides	73,4	129,6	259,2	**
Immunodetection AUTOSTAINER (DAB) 10 slides	110,9	159,5	319,0	**
TUNEL detection (FLUO) 10 slides	168,2	228,9	457,7	*
BrdU detection (FLUO) 10 slides	54,2	104,6	209,2	** *

- * cost of primary and secondary antibodies not included
- ** cost of primary antibodies not included
- ** * cost of BrdU, primary and secondary antibodies not included

ELECTRON MICROSCOPY UNIT (e-microscopy.unit@cmrb.eu)

	PRBB Fees	External Public Fees	External Private Fees
TEM			
Epon Embedding / 6 samples	93,7	162,8	325,5
Semithin + ultrathin section /1 block (3 grids)	31,0	55,6	111,3
Semithin + ultrathin section /3 blocks (3x3 grids)	65,5	112,5	225,0
Semithin section /1 block (3 slides)	23,0	40,1	80,2
Semithin section /3 blocks (3x3 slides)	48,3	81,5	163,1
Counterstaining/ 6 grids	23,2	40,4	80,8
TEM Self-Service 1h	24,6	34,5	69,1
TEM Self-Service 3h	63,8	85,5	171,0
TEM Advanced technical support 1h	41,8	73,0	146,0
TEM Advanced technical support 3h	115,6	200,9	401,7
SEM			
Sample preparation	47,3	76,9	153,7
SEM Self-Service 1h	16,1	23,5	47,1
SEM Self-Service 3h	40,3	54,9	109,8
SEM Advanced technical support 1h	33,4	62,0	124,0
SEM Advanced technical support 3h	92,0	170,3	340,5

OPTICAL MICROSCOPY UNIT (o-microscopy.unit@cmrb.eu)

	PRBB Fees	External Public Fees	External Private Fees
CONFOCAL LEICA SP5 RESONANT MULTIFOTON 1H			
Self-Service	33,4	72,0	144,0
Advanced Technical Support	45,8	96,6	193,3
<i>In vivo</i> Supplement	3,2	4,2	8,4

CONFOCAL LEICA SPE 1H			
Self-Service	15,9	35,1	70,2
Advanced Technical Support	28,2	59,7	119,5

OPTICAL MICROSCOPE DM 6000 1H			
Self-Service	10,8	14,1	28,1
Advanced Technical Support	23,5	46,6	93,3

TIME LAPSE OLYMPUS Cell R 1H			
Self-Service	11,7	15,2	30,4
Advanced Technical Support	24,0	47,2	94,4
<i>In vivo</i> Supplement	3,0	3,9	7,8

MACROFLUO 1H			
Self-Service	7,8	10,2	20,4
Advanced Technical Support	20,6	42,8	85,6

FLUOCOMBI 1H			
Self-Service	8,6	11,1	22,2
Advanced Technical Support	20,9	43,2	86,3

INVERTED MICROSCOPE DMI4000B 1H			
Self-Service	8,6	11,1	22,3
Advanced Technical Support	20,9	43,2	86,3
<i>In vivo</i> Supplement	3,0	3,0	7,8