

## CMR[B] CORE FACILITY

The CMR[B] Core Facility is designed as an area for cooperation among technical specialists and researchers.

Each unit directs the way to approach and establish the processes to achieve the scientific objectives using the most suitable techniques and most precise equipment. With this aim in mind, sophisticated equipment and technology, as well as specialised personnel, have been incorporated to each unit.

Nowadays, the CMRB offers 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.

### FEES

#### FLOW CITOMETRY UNIT ( [cytometry.unit@cmrb.eu](mailto:cytometry.unit@cmrb.eu) )

|                            | PRBB Fees | Extern Public Fees | Extern Private Fees |
|----------------------------|-----------|--------------------|---------------------|
| <b>SORTER MOFLO 1h</b>     |           |                    |                     |
| Advanced Technical Support | 46,4      | 56,0               | 111,9               |
| <b>ANALYZER GALLIOS 1h</b> |           |                    |                     |
| Self-Service               | 12,2      | 14,6               | 29,2                |
| Advanced Technical Support | 24,5      | 38,6               | 77,3                |

#### AQUATIC ANIMALS UNIT ( [aquatic.unit@cmrb.eu](mailto:aquatic.unit@cmrb.eu) )

|  | PRBB Fees | Extern Public Fees | Extern Private Fees |
|--|-----------|--------------------|---------------------|
| <b>MICROINJECTION of DNA, MO or mRNA in ZF Embryos</b> |           |                    |                     |
| 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                |
| <b>WHOLE MOUNT IN SITU HYBRIDIZATION</b>               |           |                    |                     |
| Fish crossing for fixation (100 emb aprox.)            | 21,3      | 43,7               | 87,4                |
| Grow, 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                |
| <b>DISSECTION OF ORGANS/TISSUES FROM ADULT ZF</b>      |           |                    |                     |
| (10 adult ZF)  | 13,0      | 27,6               | 55,3                |
| <b>RNA EXTRACTION from ZEBRAFISH EMBRYOS</b>           |           |                    |                     |
| Fish crossing for fixation (100 emb aprox.)            | 21,3      | 43,7               | 87,4                |
| Growt, fixation and dehydration (200 emb. approx.)     | 28,2      | 60,7               | 121,4               |
| RNA extraction (100 emb. aprox)                        | 39,7      | 83,7               | 167,4               |
| <b>BrdU INJECTION IN ADULT ZEBRAFISH</b>               |           |                    |                     |
| (10 adult ZF)  | 54,0      | 86,2               | 172,4               |

#### HISTOLOGY UNIT ( [histology.unit@cmrb.eu](mailto:histology.unit@cmrb.eu) )

|                                       | PRBB Fees | Extern Public Fees | Extern Private Fees |
|---------------------------------------|-----------|--------------------|---------------------|
| <b>EMBEDDING</b>                      |           |                    |                     |
| Paraff/OCT technical support 1block   | 10,2      | 19,4               | 38,8                |
| Paraff/OCT technical support 10 block | 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 block (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 block (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 | *** |

\* primary and secondary antibodies cost not included

\*\* primary antibodies cost not included

\*\*\* BrdU, primary and secondary antibodies cost not included

### ELECTRON MICROSCOPY UNIT ( [e-microscopy.unit@cmrb.eu](mailto:e-microscopy.unit@cmrb.eu) )

|   | PRBB Fees | Extern Public Fees | Extern Private Fees |
|---|-----------|--------------------|---------------------|
| <b>TEM</b>  |           |                    |                     |
| 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 block-(3x3 grids) | 65,5      | 112,5              | 225,0               |
| Semithin section /1 block (3 slides)              | 23,0      | 40,1               | 80,2                |
| Semithin section /3 block-(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 (6 samples)    | 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](mailto:o-microscopy.unit@cmrb.eu) )

|  | PRBB Fees | Extern Public Fees | Extern Private Fees |
|--|-----------|--------------------|---------------------|
| <b>CONFOCAL LEICA SP5 RESONANT MULTIFOTON 1H</b> |           |                    |                     |
| 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 | 35,0 | 70,0  |
| Advanced Technical Support | 28,2 | 59,6 | 119,3 |

**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  |