

# Mesoscopic Imaging Facility (MIF) Biosafety Check-list



Health and Safety Office.  
EMBL - Barcelona.

## Personal Information

Researcher / User's name: \_\_\_\_\_ Date of submission: \_\_\_\_\_

Contact details: Email: \_\_\_\_\_ Phone number: \_\_\_\_\_

Institute: ☐ Internal: \_\_\_\_\_ ☐ External (please specify): \_\_\_\_\_

Mode of implementation: ☐ Sample submission for MIF Staff  
☐ Sample to be imaged by user

**Which MIF instruments will you be using?** (If you intend to work on multiple projects using different samples on different instruments, please complete one form per project.)

- ☐ Luxendo MuVi SPIM (room S80.13) ☐ Luxendo LCS SPIM (S80.13) ☐ OPTiSPIM1 (S80.13) ☐ Viventis LS1 (S80.18)  
☐ NanoLive CX-A (S80.18) ☐ Custom OPT (S80.18) ☐ OPTiSPIM2 (S80.18) ☐ Other \_\_\_\_\_

**Which facilities other than MIF instruments will you be using?**

- ☐ MIF wet lab (room S80.11)  
☐ Labs / tissue culture rooms outside MIF (please indicate room numbers): \_\_\_\_\_

The Mesoscopic Imaging Facility at EMBL serves as a service for scientific purposes. EMBL must guarantee its personnel's as well as other users' safety, therefore knowledge about the samples being handled by EMBL staff is an absolute requirement. A detailed protocol about the nature, processing method and final delivery of the samples is mandatory to underlie the possibility of bearing either known or unknown pathogens / chemical hazards for humans.

The undersigned takes responsibility for the accuracy of the following declaration. He/she is also responsible for the appropriate training of the above user about the Biosafety levels of the pathogens, the following of the safety guidelines for himself/herself and others in the laboratory as well as the proper maintenance of a healthy environment in common areas.

Group Leader name: \_\_\_\_\_ Affiliation (institute): \_\_\_\_\_

Group Leader signature: \_\_\_\_\_ Researcher / user signature: \_\_\_\_\_

*The following questionnaire is compulsory to know the hazardous level of the samples you are submitting to EMBL's Mesoscopic Imaging Facility. Please provide as much information as possible regarding their origin, protocols and storage conditions.*

## Sample information

### I. Specimen

- ☐ is alive (please liaise with MIF staff for instructions on BSL2 specimen live imaging. No live samples of BSL3 or higher may be brought into the MIF premises.)
- ☐ has been fixed (please specify fixation method and duration) or is a BSL1 sample: \_\_\_\_\_  
For fixed specimens, please skip to section IV.

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## II. What kind of specimen(s) will be brought to EMBL Barcelona?

- ☐ Organism (name, ATCC no. if appropriate): \_\_\_\_\_ Biosafety risk group: \_\_\_\_\_
- ☐ Cells      A) Human (also for non-human primates)
- ☐ Commercial (name, ATCC no. if appropriate): \_\_\_\_\_ Biosafety risk group: \_\_\_\_\_
- ☐ wildtype
- ☐ genetically modified with: \_\_\_\_\_ Biosafety risk group: \_\_\_\_\_
- ☐ Non-commercial primary cells (specify origin): \_\_\_\_\_ Biosafety risk group: \_\_\_\_\_
- ☐ from healthy donor and tested to be negative for HIV, HBV, HCV... (please provide health report)
- ☐ not yet tested
- ☐ project approved by BIAC (applies to EMBL researchers, when using primary human material; IP 53)
- B) Other cells than human (please specify): \_\_\_\_\_ Biosafety risk group: \_\_\_\_\_
- ☐ wildtype
- ☐ genetically modified with: \_\_\_\_\_ Biosafety risk group: \_\_\_\_\_

## III. Have the organisms or cells been genetically modified (either by transduction, transfection, infection, CRISPR...)?

- ☐ No      ☐ Yes (Fill in the form 'Specification of further genetic engineering projects' available at the MIF)

## IV. Shipping conditions (in hazardous substances)

- ☐ PBS or other harmless solution      ☐ In the same fixative as above      ☐ Sodium azide containing solution
- ☐ BABB or other clearing agent (please specify and provide MSDS): \_\_\_\_\_
- ☐ Other (please specify and provide MSDS): \_\_\_\_\_

## V. Safety introduction

Please also complete the 'EMBL-BCN Mesoscopic Imaging Facility (MIF) Policies' form, available at the MIF.

- ☐ For EMBL staff members. Lab safety briefing by EMBL's local Health & Safety Officer attended.
- ☐ For visitors. 'General information to visitors' and 'Safety information for visitors to EMBL laboratories' received, read and understood, and attached forms signed and returned.

**\*\*\* For other material not included in this questionnaire, please contact the MIF staff to arrange a meeting \*\*\***

Comments: \_\_\_\_\_  
\_\_\_\_\_

## VI. Contacts

MIF Personnel  
Head of MIF  
Health & Safety Officer

room S90.19.02  
Jim Swoger  
Alexandre Robert Moreno

[mif@embl.es](mailto:mif@embl.es)  
[jim.swoger@embl.es](mailto:jim.swoger@embl.es)  
[alexandre.robert@embl.es](mailto:alexandre.robert@embl.es)