Application for Use of UMD Imaging Core Microscopes

|  |  |
| --- | --- |
| Today’s Date: |  |
| First Name: |  |
| Last Name: |  |
| UID#: |  |
| Email Address: |  |
| Your Status (select one): | Faculty/Post-Doc/Graduate/Undergraduate Student |
| Your Dept. Affiliation: |  |
| Your Building: |  |
| Your Lab Room Number: |  |
| Your Phone Number: |  |
| Your Lab Head/PI: |  |
| Google Calendar Address: |  |

Please complete the following questionnaire in detail:

1. Application Type: Training appointment of director-assisted imaging appointment.
2. Briefly describe your experience with any of the following microscopy techniques: fluorescence, confocal, deconvolution, TIRF, lightsheet, AFM (or other).

1. Which microscope do you need to use? (Zeiss LSM 980 Airyscan 2 confocal, Zeiss LSM 710 confocal, Leica SP5 X confocal microscope, DeltaVision deconvolution/TIRF, Zeiss AxioObserver fluorescence, Zeiss AxioPhot brightfield microscope, Nikon Eclipse).
2. Briefly describe your research project and why you require use of the microscope.
3. How soon do you require training or assisted-microscope-use? Note: Users are highly encouraged to have a sample ready for training.
4. Does your research project require approval from any of the following committees: institutional human subjects, animal welfare or biosafety? \* Yes/No.
5. If yes, do you have approval to image your samples in the Imaging Core, 0107 Microbiology building? \* Yes/No or N/A (my project does not require approval)
6. At any time will you be working with LIVE biological agents/organisms (including bacterial, viral, fungal, human/non-human primates) or toxins?
7. If yes, please describe the agent:
8. Is the LIVE agent BSL-1 or BSL-2? \* Yes/No or N/A (my sample is fixed).
   1. If you’d like to image live BSL-2 samples, you must submit 1) an approved protocol for your agent (including safe cleanup procedures) and 2) an IBC approval letter prior to your appointment. Please email these files to Amy Beaven ([abeaven@umd.edu](mailto:abeaven@umd.edu)).
   2. Please Note: Human and non-human primate cell lines are considered BSL2. Any work involving recombinant or synthetic genomic material, infectious agents, or animals with rDNA will require registration and approval of the Institutional Biosafety Committee (IBC). Please note: even if you have an approved IBC protocol, you may need to amend and re-submit it for use in the Imaging Core, particularly if you are bringing samples from another building.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The following section is for internal use only (do not complete this part of the application).

**Room/Building Security Access/Reflectors/Calendar:**

|  |  |
| --- | --- |
|  | Date Access Requested |
| 0107 MICB Access |  |
| CMNS-Imaging Reflector |  |
| Google Calendar Access |  |
| BSL-2 Protocol on file? |  |