Microscope Training/Assisted Imaging Request

CGRB Cores - Microscopy, ALS 2070/ALS 3131, Center for Genome Research and Biocomputing, OSU

Applicant Name: _____

ONID account: _____

Phone: _____

Email: _____

Office/Lab Address: _____

Check applicable: □ Undergrad,   □ Grad Student, □ Post Doc, □ Res. Prof, □ Visitor,   □ PI

Principal Investigator: _____

Department: _____

PI Phone: _____

PI Email: _____

Requested Microscope Training: □ LSM 780 Confocal, □ LSM 780 NLO, □ Axiovert 200

Describe Project

Brief Description of Project and Description of imaging goal you hope to achieve with confocal, multiphoton or other microscopy.

What type of cells/organism will you be imaging?_____

ATCC number for cells if available (http://www.atcc.org/)_____

Are your samples?

If using live cells, are they certified biosafety level 1?

Do you have Animal Care Use Policy (ACUP) on file for this technique? **Y**

Are you infecting the cells with fungus/virus/bacterium/prion/biological toxin or agent that could pose a health issue?   describe_____

Will you need the physiological chamber to image live mammalian cells?

List fluorophores and associated excitation and emission spectra:

Fluorophore	Excitation	Emission
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Are your samples ready to image ········'   ········'V\ ?

How soon will your project be ready? _____

When would you like to schedule session(s)?_____

Sessions are scheduled when this information is complete and we have received PI approval.

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Acknowledgement of the following by the PI is needed prior to training and assisted sessions.

NSF Confocal Grant Acknowledgement

The CGRB is currently able to provide equipment usage and services to OSU researchers as a result of generous funding provided by NSF for the Zeiss LSM 780 NLO Confocal Microscope System. In light of ubiquitous budget cuts and the increased competition for funding, the Facility needs to effectively demonstrate their contributions to user research. In order to do this, we appreciate the commitment of Facility users to conscientiously and accurately cite CGRB Confocal Microscopy Facility use in all relevant publications. For example,

"This publication was made possible in part by award number 1337774 from the National Science Foundation, *MRI: Acquisition of Confocal and Two-Photon Excitation Microscope***. The authors wish to acknowledge the Confocal Microscopy Facility of the Center for Genome Research and Biocomputing at Oregon State University."**

For the Applicant (name):_____

Please initial applicable: □LSM 780 Confocal, □LSM 780 NLO (multiphoton), □Axiovision 200

      ____I approve Training and subsequent hourly imaging sessions

      ____I approve Assisted Sessions for _____ hours (2hr minimum)

      ____I have read the Grant Acknowledgment Statement above.

Index or PO to Bill Training/Assisted Session To: _____

Funding Information

Grant Title: _____

Agency: _____

Grant Number: _____

Period of Performance: _____

Principal Investigator: _____
                         Signature   Date

I agree to have well prepared samples ready for the training or assisted session.

Applicant: _____
                      Signature   Date

For Training Session Only:

Required Reading prior to training:

- ☐ Read our Microscope Usage and Instrument Care policy, available on our web site
- ☐ Read additional Material on web pages relevant to LSM 780 NLO confocal or Axiovision 200
- ☐ Suggested reading for background on microscopy and confocal: http://corelabs.cgrb.oregonstate.edu/confocal/links

The following must be done to complete training

- ☐ Training approved and NIH Confocal Grant Acknowledgement signed by PI
- ☐ Submit answers to questions on the Policy reading
- ☐ 6 hours training and additional practice as needed.
- ☐ Practical test on the confocal demonstrating minimal proficiency.
- ☐ ZFS storage space is for Confocal images only collected using the LSM780 and wide field. Storage of files unrelated to image acquisition may result in the suspension of ZFS storage privileges and/or Confocal use privileges.