

SOP for OLYMPUS Confocal Microscope FV3000 in Room 1467

- This microscope is shared by all TBEP labs.
- Every new user must first have a basic training session with Yu-Qing Zhou (yq.zhou@utoronto.ca) before operating this microscope.
- Each TBEP lab has a primary user (please see the list of trained users) who was comprehensively trained and is a frequent user. The primary user can help address basic issues for their lab members.
- Always book your time slot on the TBEP shared equipment Google calendar: bookhere.equipment@gmail.com
- Operate the system very carefully to avoid any damage to the equipment, especially the delicate parts such as lenses.
- **HANDLING OIL LENS:** Be very cautious when applying oil to 60x lens, to absolutely avoid oil contamination of dry lenses (10x and 20x). After using 60x oil lens, carefully clean the oil using the lens paper with alcohol.
- At the end of your imaging session, clean the slide/petri-dish adaptors, microscope stage, and surrounding areas, using Kimwipes with alcohol, if there is any oil or media spill.
- **DATA MANAGEMENT:** Back up your image data to a USB immediately after you finish your imaging session, and then back up the data from USB to your computer. When your data is safely backed up, clear your data from your folder on the FV3000 computer at a later time. This way, the FV3000 computer disk will never get full. Note that every user is responsible for the safety of his/her own data.
- If there is not another user booked after your session, turn off the system.
- Always record details of your session in the log book, especially any problems you have encountered.

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