

Re: Time-Lapse Imaging in the Cancer Center Microscopy Core Facility

The Case Comprehensive Cancer Center Microscopy Core has recently acquired a new environmentally controlled fluorescence microscope* for shared use. The microscope is located in Wolstein 3-413, down the hall from the 3rd floor glass washing room. Due to the expensive and delicate nature of the instrument, NO one is permitted to use the system without an initial training (see details below for fees). Once a user is trained, s/he can sign up to use the system 24/7 by invoking the link below:

www.calendar.yahoo.com

Enter Yahoo! ID: ccmcore2
Enter Password: leica2

- * Inverted Leica DMI6000 fluorescence microscope for time-lapse imaging
 - o Controlled by MetaMorph (Version 7.04)
 - o Fully automated scanning stage controlling x, y, and z
 - o Objectives include 5X/0.15, 10X/0.30, 20X/0.40, 40X/0.60, 40X/1.25, 63X/1.40, 100X/1.40
 - o Allow acquisition of wide-field fluorescence, bright field, phase contrast, IMC and DIC images
 - o Excitation source: Leica EL6000 alignment-free metal halide bulb
 - o Fluorescence filters for DAPI/HOECHST, FITC/TRIC/GFP, TEXAS RED/RHOD/RFP
 - o Qimaging Retiga Exi CCD digital camera
 - o Environmental chamber controlling temperature, CO₂, and humidity

The microscope is officially open for full operation. To schedule a training session, please contact Mike at r.sramkoski@case.edu, or 368-1021.

Initial Training Fee: \$75 flat fee
Re-Training Fee: \$100/hr
Assisted Fee: \$100 per run**
Unassisted Fee: \$50 per run

**run is defined as a single imaging session for time-lapse work up to 24 hours. For work that is not time-lapse, the Unassisted Fee is \$15 per hour. Non-Cancer Center members are charged 30% surcharge.

Fees are for Mon - Fri (9 a.m. - 5 p.m.)

Unassisted Fees for Mon - Fri (nights) and weekends/University holidays:
50% off of the normal working hour rate for only trained independent users.

Assisted work for Mon - Fri (nights) and weekends/University holidays: by special arrangement only, at twice the normal rates.