

## McKnight Brain Institute, LG-164 suite

The UF MBI Cell & Tissue Analysis Core ([CTAC](http://ctac.mbi.ufl.edu/); <http://ctac.mbi.ufl.edu/>) maintains high-end instrumentation as well as standard microscopy systems for the acquisition and analysis of bright field, fluorescent, and bioluminescent data from both *in vitro* and *in vivo* experimental models.

The CTAC operates the following *in vitro* Imaging Systems:

- [Nikon Multiphoton](#) / Super Resolution Imaging System
- [Leica DM2500](#) Upright Fluorescent Microscope
- [Leica Laser Microdissection](#) Microscope
- [Leica TCS SP2](#) AOBS Spectral Laser Scanning Confocal Microscope
- [Nikon Ti-E](#) Inverted Live Cell Imaging System
- [Olympus DSU-IX81](#) Spinning Disc Confocal / Deconvolution
- [Olympus IX70](#) Inverted Fluorescent Microscope
- [Zeiss Axioplan 2](#) Fluorescent Visualization Microscope

Additionally, the following *in vivo* Imaging System is available:

- [IVIS Spectrum](#) Bioluminescence and Fluorescence Optical Imaging System