

# *Imaging Cores – Marley Light Microscopy Facility*



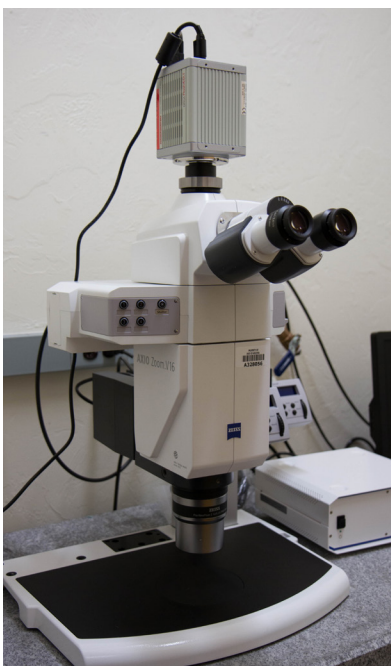
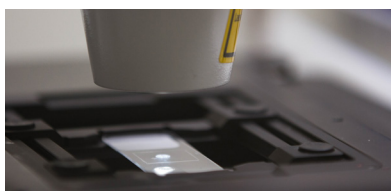
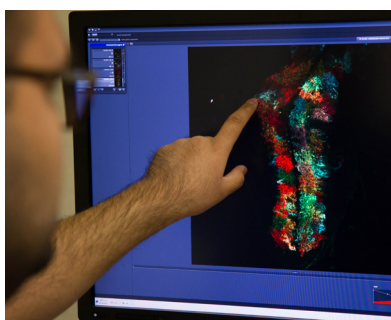
**Core Facilities Fair 2017**

brought to you by





## *Imaging Cores – Marley Light Microscopy Facility*



The Imaging Core - Marley Light Microscopy Core Facility, or IC Marley, is available to help researchers with light microscopy-based research projects. The IC Marley houses state-of-the-art laser scanning confocal microscopes and excellent technical support to advance scientific inquiry and aid in experimental design. The IC Marley includes other ancillary equipment and space to support sample preparation and sample analysis for the light microscopes.

The IC Marley is equipped with two Zeiss 880 34 channel Laser Scanning Confocal Microscopes. One system is based on a Zeiss Observer Z1 inverted microscope, which is a laser scanning confocal microscope with seven laser lines, motorized stage, and temperature control capability. The second system is based on a Zeiss AxioImager Z1 upright microscope, which is a laser scanning confocal with six laser lines, motorized stage, Zeiss Airyscan super-resolution attachment and temperature control as well as a Spectra-Physics MaiTai femtosecond pulsed laser for multi-photon imaging.

The facility has additional advanced light microscopy instrumentation and sample preparation equipment.

The IC Marley regularly works with researchers in the UA's College of Medicine, College of Science, and College of Agriculture and Life Sciences, as well as industry partners dedicated to biological imaging research.

### Engage with us today

#### Contact

Patty Jansma  
Manager  
pjansma@email.arizona.edu  
520-621-5097

#### Location

Marley  
Building 107  
Room 101