**Confocal Microscopes**
1. Inverted LSM510 Meta (Zeiss), MRBIII 4155
2. Inverted LSM510 (Zeiss), Light Hall 714
3. Inverted FV1000 (Olympus), MRBIV 10434
4. Inverted LSM710 (Zeiss), Light Hall 742
5. Inverted LSM880-Airyscan (Zeiss), LH 742

**Specialty Laser-Scanning Microscopes**
1. Inverted LSM5 Live Line scanner (Zeiss), LH742
2. Inverted LSM780-NLO “2-photon” (Zeiss), LH732
3. Upright FV1200 MPE “2-photon” with electrophysiology (Olympus), MRBIII 7149
4. Inverted OMX Blaze SIM “super-resolution” (API/GE), MRBIV 10465
5. Multi-excitation TIRF (Nikon), LH742
6. Inverted STORM “super-resolution” (Nikon), MCN T-2216
7. Nikon TIRF-SIM “super-resolution” (Nikon), MCN T-2216
8. Spinning Disk confocal (Nikon), MCN T-2216

**Wide-field (Conventional) Microscopes**
1. Inverted DMIRB (Leica), Light Hall 742
2. Upright Axioplan (Zeiss), Light Hall 742
3. Upright AZ100 (Nikon), Light Hall 742

**Transmission Electron Microscope**
1. FEI Tecnai T12 TEM (120 kV LaB6 source), Gatan cryotransfer stage, and AMT XR41-S side mounted 2K X 2K CCD camera, 2102 SC

**Scanning Electron Microscopes**
1. FEI Quanta 250 ESEM with secondary electron and backscatter electron detectors and Peltier cooling stage. 149 Jacobs Hall
2. FEI Quanta 650 ESEM with secondary electron and backscatter electron detectors, Oxford EDX detector. 147 Jacobs Hall

**General Electron Microscopy Processing**
- Three Reichert Ultracut-3 microtomes, 2102 Stevenson Center
- Sorvall MT2-B Ultra Microtome, Light Hall 742
- Pelco Biowave Biological Microwave Processor, MCN T-3208
- Slam and plunge freezing equipment and Gatan Cryotransfer stage, 2102 Stevenson Center
- Vibratome tissue slicer, 2102 Stevenson Center
- UV Cryochamber embedding station, MCN T-3208
- Tissue Tek Cryostat microtome, MCN T-3208
- EMS 850 Critical Point Dryer, MCN T-3208
- Cressington 108 Auto sputter coater, MCN T-3208
- EMS 950 carbon/metal evaporator and coater, MCN T-3208

**Image Processing and Analysis Systems**

**Living Cell Support Equipment**
Living cell support equipment: multiple temperature control and environmental chambers for use on the confocal and conventional live cell microscope stages. There are four laboratory incubators, one in each of the main imaging facilities.