

FACILITIES – VANDERBILT CELL IMAGING SHARED RESOURCE

The Cell Imaging Shared Resource (CISR) is an institutional, fee-for-service, advanced microscopy resource. The CISR provides researchers with access to state-of-the-art imaging equipment and expert technical support for sophisticated microscopy and analysis of tissue and cellular anatomy and physiology. As of September 2024, the CISR independently manages 19 advanced optical and electron microscopes. All are fully operational and in excellent working condition. These instruments and the array of advanced capabilities offered by them are available to support any investigator with an appointment at Vanderbilt University or Vanderbilt University Medical Center.

The CISR consists of nine separate suites in six buildings within Vanderbilt University, Vanderbilt University Medical Center, and the adjacent VA Medical Center. All nine locations for CISR equipment are within easy walking distance (5 of the 6 buildings are connected), so staff can move easily between instruments as needed. The CISR maintains autonomous management and access control of all CISR instrument. Card-locks provide controlled access to all CISR laboratory space. Office and desk space for the CISR faculty/staff are located in each imaging suite.

Building: Light Hall

- Suite 704: 1739 ft²
 - Office
 - Staff desk area
 - Preparation area
 - Analysis workstation desks
 - 9 individual microscope rooms

Building: MRBIV

- Room 10434: 120 ft²
 - Microscope room
 - Computer/staff ante room

Building: MRBIII

- Room 4155: 110 ft²
 - Microscope room
 - Computer/staff ante room

Building: ACRE (VA Medical Center)

- Room F309: 100 ft²
 - Microscope room

Building: Engineering and Science Building

- Room 051: 240 ft²
 - Microscope room

Building: Medical Center North (MCN)

- Suite RR-1207: 954 ft²
 - Microscope room
 - Ultramicrotome room
 - Office
 - Sample preparation bench
- Suite T-2216: 694 ft²
 - Microscope room
 - Sample preparation room
 - Open room with 3 microscope bays, 2 analysis workstation desks, and 1 staff desk
- Suite T-3208: 782 ft²
 - Office
 - Sample drop-off area
 - Sample preparation laboratory
- Room BB-1116: 145 ft²
 - Microscope room