

## FV1000 Building B Room 137E

FV1000 confocal IX81 Microscope is an inverted microscope with a heating chamber and CO<sub>2</sub>.

This microscope can perform fixed tissue slide applications and live cell applications.

It has a manual stage so it lacks the ability to stitch. It's not considered high speed but can image movies and timelapse. The objectives require a 1.5 coverslip

It has 405, 488, 515, 543, and 635 lasers, a manual stage and DIC optics. This images DAPI, GFP, TRITC Rhodamine, mCherry, CY5

Optics:

4XSAPO (NA 0.16, WD 13MM)

20X SAPO (NA 0.75, WD 0.60MM)

40X FL (NA 1.30, WD 0.2MM)

60XNAPO (NA 1.42, WD 0.15MM)