

Leica TIRF

Leica TIRF system with motorized stage (x,y)

Microscope: LEICA DMI6000B (inverted)

Laser lines (nm): 405, 488, 561, 635

Objectives: 5X/0.15 dry, 10X/0.3 dry, 20X/0.4 dry, 40X/0.6 dry, 100X/1.47 oil (TIRF)

Filter cubes: CFP, GFP, MCH (mCherry), Cy5. QAS (multi dichroic beamsplitter) in combination with DAPI, FITC, TRITC, Cy5 excitation and emission filters

Camera: Andor DU8285_VP, 14bit

Software: LAS AF6000 (version 2.6.1.7314)