

# Nikon C2 Confocal

## Illumination

- 405 nm laser (50mW)
- 488 nm laser (50mW)
- 561 nm laser (100mW)
- 640 nm laser (40mW)

## Filters

Emission:

- 460/50 + 695/90 "Blue + Far-red"
- 600/50 "Red"
- 515/30 "Green"

OR

545/40 "Yellow"

Green/Yellow needs to be switched by specialist

## Lenses

- 20x Plan Apo (NA 0.75, WD 1.0mm)
- 40x S Fluor Oil (NA 1.3, WD 0.19mm)
- 60x Apo TIRF Oil (NA 1.49, WD 0.1mm)
- 100x Apo TIRF Oil (NA 1.49, WD 0.1mm)
- 100x Plan Apo Oil (NA 1.45, WD 0.13mm)

## Detector

- Nikon C2 confocal:  
512 x 512, 1024 x 1024 or 2048 x 2048

## Pixel Sizes

- Depends on zoom level

## Extras

Stagetop incubator w. CO2 suitable for magnetic coverslip chambers, Hg Lamp for epifluorescence, DIC optics