

Zeiss LSM 800 confocal with Airyscan

For fixed tissue and cells on a slide:

- ❖ Confocal system equipped with 4 lasers **405**, **488**, **561** and **647**.
- ❖ Emission filters are tunable to any wavelength.
- ❖ High sensitivity and signal to noise ratio GaAsP detectors allow imaging of low intensity signals without photobleaching.
- ❖ Airyscan imaging: **120 nm resolution** with no special sample preparation and up to **90 nm resolution** in combination with Huygens deconvolution software
- ❖ High sensitivity monochrome camera for epifluorescence imaging
- ❖ Color camera for histology imaging
- ❖ Polarization imaging
- ❖ Fast and accurate large image scan (mosaic) in confocal and epifluorescence mode

