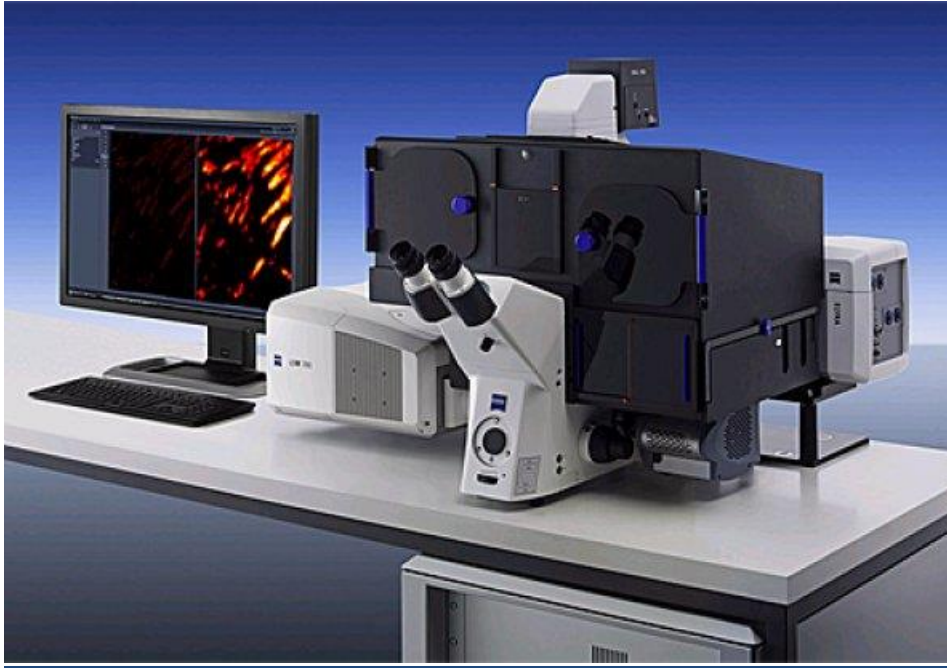


## Carl Zeiss LSM780 with ELYRA S.1 Superresolution platform

(Carl Zeiss, Germany)



**Software:** ZEN 2011 imaging software (Carl Zeiss (Germany))

**Objectives:** EC "Plan-Neofluar" 10x/0.3 M27

"Plan-Apochromat" 20x/0.8 M27

LD "Plan-Nuofluar" 40x/0.6 Corr M27

LCI "Plan-Apochromat" 63x/1.4 Oil DIC M27

Alpha Plan-Apochromat 100x/1.46 Oil DIC M27

### **For confocal microscopy:**

**Lasers:** Argon multiline laser 25mW at 458 nm, 488 nm and 514 nm

Diode 405 nm CW/PS (pulsed) for LSM7

561 nm laser

633nm laser

**Detector:** GaAsP detector 32+2 PMT

Transmitted light detector T-PMT

**Beam splitters:** MBS458; MBS 488  
MBS 458/514; MBS 488/561  
MBS 488/561/633; MBS T80/R20

**Superresolution setup**

**Lasers:** 488nm Laser 100 mW ELYRA  
561nm Laser 100mW ELYRA

**Camera:** Andor EM-CCD camera IXon DU 885 for SIM