

## **Confocal Laser Scanning Microscope Leica TCS SP8 Specifications:**

### **Microscope:**

Leica DMI 6000 CS (Inverted)  
Motorized scanning stage

### **Lasers:**

405 nm Compact Violet  
488 nm Blue-Green Argon laser  
543 nm Helium-Neon Green laser  
633 nm Helium-Neon red laser  
647 nm Krypton-Argon gas laser

### **Fluorescence filters for eyepiece visualization:**

Blue (A)  
Green (I3)  
Red (N2.1)

### **Objectives:**

HC PL APO 10x/0.40 CS  
HC PL APO 20x/0.70 CS  
HC PL APO 40x/1.30 Oil CS2  
HC PL APO 63x/1.40 Oil CS2

### **Detectors:**

Three channels – two PMTs and a HyD  
All spectral detectors  
BF detector

### **Workstation:**

HP workstation, 30" monitor with LAS AF SP8 software