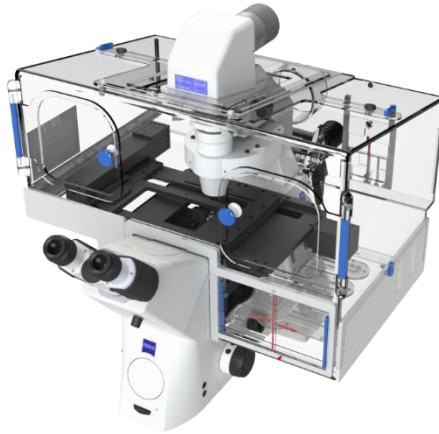


Zeiss Axio Observer 7 Inverted Microscope (Carl Zeiss, Germany)



Software:	ZEN 2.5 (Blue edition)	
Light Source:	Colibri 7 Solid state, high end LED light source, type R[G/Y]CBV-UV	
Excitation filters	Ex BP 385/30 nm	Ex BP 555/30 nm
	Ex BP 423/44 nm	Ex BP 590/27 nm
	Ex BP 469/38 nm	Ex BP 631/33 nm
	Ex BP 511/44 nm	
Cameras:	Axiocam 503 mono	
	Axiocam 305 color	

Filter set 90 HE:

QBS	405 + 493 + 575 + 653	Beam splitters
EM QBP	425/30 + 514/30 + 592/25 + 709/100	Emission filters

Filter set 91 HE LED:

TBS	450 + 538 + 610	Beam splitters
EM TBP	467/24 + 555/25 + 687/145	Emission filters

Additional BP filters for FRET:

CFP:	470/35
YFP:	560/40

Objectives: LD A-Plan 5x/0.15 M27
LD A-Plan 10x/0.25 Ph1 M27
LD A Plan 20x/0.35 Ph2 M27
LD A-Plan 40x/0.55 Ph2 M27
W Plan-Apochromat 40x/1.0 DIC M27
Plan Neofluar 63x/1.25 Oil

Incubation system: Heating Unit XL
Glass Lid CO₂/O₂ unheated (Ibidi)
Temperature Controller (Ibidi)
Gas Mixer System CO₂/O₂ (Ibidi)