Lasers	
Laser type	**Wavelength (nm) / Line Width (nm)**
Diode	405 / 30
Argon	458, 488, 514
DPSS	561 / 10
HeNe	633

Wide-field fluorescence (Locate Tab)			
Filter	Excitation / Bandwidth (nm)	BS (nm)	Emission (nm)
BLUE Filter #49 https://www.micro-shop.zeiss.com/us/us_en/spektral-info.php?i=488049-9901-000	365 / ~40	395	445 / 50
GREEN Filter #38HE https://www.micro-shop.zeiss.com/us/us_en/spektral-info.php?i=489038-9901-000	470 / 40 (HE)	495 (HE)	525 / 50 (HE)
RED Filter #43 https://www.micro-shop.zeiss.com/us/us_en/spektral-info.php?i=000000-1114-101	545 / 25	570	605 / 70

Objectives				
Magnification	**NA**	**Coverglass Thickness (mm)**	**Working Distance (mm)**	**Objective type**
10x	0.45	0.17	2.0	Plan-Apochromat, DIC https://www.micro-shop.zeiss.com/?s=296452240bab6&l=en&p=us&f=o&a=v&m=s&id=420640-9900-000
20x	0.8	0.17	0.55	Plan-Apochromat, DIC https://www.micro-shop.zeiss.com/?s=296452240bab6&l=en&p=us&f=o&a=v&m=s&id=420650-9901-000
40x water	1.1	0.14 - 0.19	0.62 for 0.17 coverglass	LD C-Apochromat, DIC https://www.micro-shop.zeiss.com/?s=296452240bab6&l=en&p=us&f=o&a=v&m=s&id=421867-9970-000
40x oil	1.3	0.17	0.21	EC Plan-Neofluor, DIC https://www.micro-shop.zeiss.com/?s=296452240bab6&l=en&p=us&f=o&a=v&m=s&id=420462-9900-000
63x	0.75	0 – 1.5	1.7 for 0.75 coverglass	LD Plan-Neofluar, DIC https://www.micro-shop.zeiss.com/?s=296452240bab6&l=en&p=us&f=o&a=v&m=s&id=421380-9970-000
63x oil	1.4	0.17	0.19	Plan-Apochromat SF25, DIC https://www.micro-shop.zeiss.com/?s=296452240bab6&l=en&p=us&f=o&a=v&m=s&id=420782-9900-000
Coverglass #1.0 thickness = 0.13 – 0.16 mm Coverglass #1.5 thickness = 0.16 – 0.19 mm				
Plan-Apochromat – best field flattening, best correction, confocal microscopy LD C-Apochromat – water immersion objectives, confocal microscopy, long working distance EC – Plan-Neofluar – best universal objective, ideal for fluorescence, high transmission LD Plan-Neofluar – Objectives for inverted research microscopy, long working distance Plan-Apochromat SF25 – best field flattening, best correction, confocal microscopy				