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Pos.	Objective	Magnification	DIC	Num. Aperture	Immersion-medium	Working distance (mm)	Internal Number	DIC
1	EC Plan Neofluar 2,5/0,085	2,5		0,085	air	8,80	231 LIC	-
2	Plan-Apochromat 20x/0,8 M27 (420650-9901)	20	II	0,80	air	0,55	223 F	69 Ze
3	Plan-Neofluar 5x/0,15 (440320)	5		0,15	air	13,6	4Ni	-
4	Plan-Apochromat 10x/0,45 (1063-139)	10	II	0,45	air	2,80	68 Ni	68 Ni
5	C-Apochromat 40x/1,20 W DIC (440052)	40	III	1,20	water	0,29	3 Ni	
6	Plan-Apochromat 63x1,40 Oil DIC M27 (420782-9900)	63	III	1,40	oil	0,19	226F	226F

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additional for exchange:

LD LCI Plan-Apochromat 25x/0,8 DIC Imm Korr (UV) VIS-IR (440842-9870)	25	II	0,80	Water, Oil, Gly	0,57	161 SFB	161 SFB
Plan Neofluar 10x/0,30 (440330)	10	II	0,30	air	5,6	5 Ni	-
LD A-Plan 20x/0,30 Ph1 (1006-591)	20	II	0,30	air	4,30	79 ZL	PlasDIC 79 ZL
LD-A-Plan 40x/0,50 Ph2 (1006-595)	40	III	0,50	air	2,0	78 ZL	PlasDIC 78 ZL
A-Plan 10x/0,25 Ph1 (441031-0000-000)	10		0,25	air	4,5	222F	-
LD-Achroplan 63x/0,75 Ph2 (440861)	63	III	0,75	air	1,57	24 WD	
C-Apochromat 63x/1,2 W (440668-01)	63	III	1,20	water	0,28	44 WD	-
Plan Neofluar 100x/1,3 Oil (440480)	100	III	1,30	oil	0,20	9Ni	9Ni

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Position	Filter Set	Excitation	DC/Beamsplitter	Emission	Dye	Filter number
1	DIC	-	-	-	-	147
2	DAPI	BP 365	FT 410	BP477/60 SR	DAPI	160
3	61 HE Colibri	BP 474/28 BP 585/35	DFT 495 + 605	DBP 527/54+645/60	Alexa 488 + mCherry	263
4	GFP	HQ 470/40	FT 500	BP 530/50	GFP, FITC	250
5	FSet 43 HE	BP 550/25	FT 570	BP 605/70	DsRed	032
6	SR Cy 5	BP 640/30	FT 660	BP 690/50	Cy 5, Alexa 633	253

LEDs available: 365 nm, 400 nm, 455 nm, 470 nm, 505 nm, White-LED 540-580 nm, 590 nm, 625 nm

Beam combiner: BC 425, BC 490, BC 535, BC 600

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Additional filter for exchange:

Filter Set	Excitation	DC/Beamsplitter	Emission	Dye	Filter number
F37-457 AHF	HC 406/15	HC BS 425	HC 457/50	CFP-UV	149
FSet 47 HE	BP 436/25	FT 455	BP 480/40	CFP, eCFP	150
F37-524 AHF	-	HC-BS 425 DCLP	-		151
AHF	-	ET 515 LP	ET 535/30	GFP	152
FSet 46 HE	BP 500/25	FT 515	BP 535/30	YFP	251