1. Objectives of the inverted Leica SP8 MP

(1) Basic information

No.	Name	Mag.	immersion	N. A.	W.D.
1	HC PL APO 10x/0.40 CS	10	None	0.40	2.20
2	HC PL IRAPO 20x/0.75 W	20	Water	0.75	0.6
3	HC PL APO 20x/0.75 IMM CORR CS2	20	Water, Glycerol, Oil	0.75	0.67
4	HCX IRAPO L 25x/0.95 W 0.17	25	Water	0.95	2.4
5	HC PLAPO 40x/1.10 W CORR CS2	40	Water	1.10	0.65
6	HC PL APO 63x/1.20 W CORR CS2	63	Water	1.20	0.30
*7	HC PL IRAPO 40x/1.10 W CORR	40	Water	1.10	0.63
*8	HC PL APO 63x/1.40 OIL	63	Oil	1.40	0.14

Mag.: Magnification, N. A.: Numerical Aperture, W. D.: Working distance

*No.7 and No.8 are kept in the lens cabinet. Please contact SBI, if you want to use them.

(2) Transmission and color correction

No.	Name	Transmission		Color correction		Application
		VIS	IR	VIS	IR	
1	HC PL APO 10x/0.40 CS	No information				For overview
2	HC PL IRAPO 20x/0.75 W	◎	◎	○	◎	Confocal and 2-Photon
3	HC PL APO 20x/0.75 IMM CORR CS2	No information		◎	-	Confocal
4	HCX IRAPO L 25x/0.95 W 0.17	◎	○	◎	○	Confocal and 2-Photon
5	HC PLAPO 40x/1.10 W CORR CS2	◎	○	◎	-	Confocal
6	HC PL APO 63x/1.20 W CORR CS2	◎	◎	◎	-	Confocal
*7	HC PL IRAPO 40x/1.10 W CORR	◎	◎	-	◎	2-Photon
*8	HC PL APO 63x/1.40 OIL	◎	○	◎	-	Confocal

◎: excellent performance, ○: good performance

2. Fluorescent filter for visual observation of the upright Leica SP8 MP

Name	Excitation filter (nm)	Dichroic mirror (nm)	Emission filter (nm)	Fluorescent dye
I3	BP450-490	510	LP515	GFP etc.
N2.1	BP515-560	580	LP590	RFP etc.