

## The objectives and the filters of the fluorescence microscope Olympus BX63

### 1. Objective

No.	Name	Mag.	Immersion	N.A.	W. D. (mm)
1	UPlanSApo 10x	10	None	0.40	3.1
2	UPlanSApo 20x	20	None	0.75	0.6
3	UPlanSApo 40x	40	None	0.95	0.18
4	UPlanSApo 60x	60	Oil	1.35	0.15
5	UPlanSApo 100x	100	Oil	1.40	0.13

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

### 2. Fluorescent filter

Name	Excitation filter (nm)	Dichroic mirror (nm)	Emission filter (nm)	Fluorescent dye
U-FUNA	360-370	410	420-460	DAPI etc.
U-FBW	460-495	505	510IF	GFP-LP etc.
U-FBN	470-495	505	510-550	GFP-BP etc.
U-FGW	530-550	570	575IF	RFP etc.