

Microscope information sheet (updated on 29 Oct 2021)

Location: Room J2.08 WMI building

Microscope: Olympus BX53 (mfg 201404)

Camera: Olympus DP80 (dual chip monochrome & color; mfg 201406)

Software: cellSens standard 1.18 (OS: Win10, updated in Oct 2021)

Objectives:

- 4X/0.13 UPlanFL N PhL ∞ /- /FN26.5
- 10X/0.30 UPlanFL N Ph1 ∞ /- /FN26.5
- 20X/ 0.70 UPlanFLN Oil Ph2 ∞ /0-1.6 /FN22
- 40X/ 0.75 UPlanFLN Ph2 ∞ /0.17 /FN26.5
- 60X/ 1.25 UPlanFLN Oil Iris Ph3 ∞ /0.17 /FN26.5
- 100X/ 1.30 UPlanFLN Oil Ph3 ∞ /0.17 /FN26.5

Fluorescence Illumination: Metal Halide

Fluorescence Power supply: X-Cite series 120Q

Fluorescent filters:

No.	Filter	Excitation (nm)	Emission (nm)
1	BF		
2	DAPI	350/50	460/50
3	FITC	480/40	535/50
4	TXRed	545/25	605/70
5	Cy5 (swopped with VS 120)	620/60	700/75 >>> 684/24 (since Nov 2017)

Computer: Dell OptiPlex 7060 Small Form Factor XCTO installed Nov 2018

Internet connection: Yes

AD connection: Yes

Please contact our friendly staff with any questions or problems

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