

Flow Cytometry Core Facility Equipment

Advanced Analysers

The tables below show commonly used fluorophores on each parameter within each instrument. The fluorochromes **highlighted in bold** are the preferred fluorochromes for each parameter.

Fortessa X20 and Fortessa

Laser	Bandpass Filter	Suggested Fluorochromes
Blue 488nm	530/30	Brilliant Blue 515 , FITC, Alexa Fluor 488, GFP, YFP, Zombie Green
	710/50	PerCP-Cy 5.5
Yellow/Green 561nm	584/15	PE
	610/20	PE-Dazzle , PE-CF594
	710/50	PE-Cy 5.5
	780/60	PE-Cy7
Red 635nm	670/14	APC, Alexa Fluor 647
	730/45	Alexa Fluor 700
	780/60	APC-H7, APC-Cy7, DRAQ5, Zombie NIR
Violet 405nm	450/50	BV421 , V450, DAPI, Pacific Blue
	525/50	BV510 , Zombie Aqua, V500
	610/20	BV605
	670/30	BV650
	710/50	BV711
	780/60	BV786
UV 355nm	379/28	BUV395
	450/50	DAPI , Hoechst blue
	730/45	BUV737