

University of Windsor – Flow Cytometry Core

Configurations: BD LSR Fortessa X-20

- 5 lasers
- 18 fluorescence parameters
- HTS (98 or 384 well plates)

Lasers (nm)	Filters		Fluorochrome Examples
	BP	LP	
UV (355 nm)	379/28	--	BV395
	450/50	410	DAPI
Violet (405 nm)	450/50	--	BV421
	525/50	505	BV510
	610/20	595	BV605
	670/30	635	BV650
	710/50	685	BV711
	780/60	750	BV786
Blue (488 nm)	488/10	--	SSC
	530/30	505	FITC
	695/40	685	PerCP Cy5.5
Yellow/Green (561 nm)	586/15	--	PE
	610/20	600	PE-CF594
	670/30	635	PE-Cy5
	710/50	685	PE-Cy5.5
	780/60	750	PE-Cy7
Red (640 nm)	670/30	--	APC
	730/45	710	AF700
	780/60	750	APC-Cy7/APC-H7