

BD LSR Fortessa (CRTD 3rd floor south, room 3.113)

<i>Laser</i>	<i>Detector</i>	<i>Optical filters</i>				<i>Fluorochrome examples</i>
		<i>LP</i>	<i>BP</i>	<i>band</i>		
UV	355 A	690	740 / 35	723	758	BUV737
355 nm	355 B	410	450 / 50	425	475	DAPI, Hoechst 33342, Indo-1 (Violet: Calcium bound)
	355 C	-	379 / 28	365	393	BUV395
Violet	405 A	750	780 / 60	750	810	BV786
405 nm	405 B	685	710 / 50	685	735	BV711
	405 C	630	660 / 20	650	670	BV650
	405 D	595	610 / 20	600	620	BV605
	405 E	505	525 / 50	500	550	BV510, V500, AmCyan, mTurquoise, CFP
	405 F	-	450 / 40	430	470	BV421, V450, Pacific Blue, eFluor450, SytoxBlue, BFP
Blue	488 A	655	695 / 40	675	715	PerCP-Cy5.5, 7AAD, (PerCP)
488 nm	488 B	505	530 / 30	515	545	FITC, AF488, BB515, GFP, Venus
	488 C	-	488 / 10	483	493	SSC
Yellow-Green	561 A	750	780 / 60	750	810	PE-Cy7, PE-AF750, PE-Vio770
561 nm	561 B	635	670 / 30	655	685	PE-Cy5, PE-AF680, PI, 7AAD, mPlum
	561 C	600	610 / 20	600	620	PE-Texas Red, PE-CF594, PE-AF/eFluor610, PE-Vio615, PI, mCherry, mRuby
	561 D	-	586 / 15	579	594	PE, Cy3, tdTomato, DsRed, RFP, (PI)
Red	633 A	750	780 / 60	750	810	APC-Cy7, APC-H7, APC-AF750, APC-Vio770, APC-eFluor780
640 nm	633 B	690	730 / 45	708	753	Alexa Fluor (AF)700, APC-R700
	633 C	-	670 / 14	663	677	APC, AF647, eFluor660, To-PRO-3, DRAQ5