

BD LSR II (CRTD 1st floor north, room 1.229)

<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	505	530 / 30	515	545	BUV496, VioGreen, Indo-1 (Blue: Calcium free)
355 nm	355 B	-	450 / 50	425	475	Hoechst 33342, DAPI, Indo-1 (Violet: Calcium bound)
Violet	405 A	750	780 / 60	750	810	BV786
405 nm	405 B	690	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	755	780 / 60	750	810
488 nm	488 B	685	710 / 40	690	730	PerCP-Cy5.5, PE-Cy5.5, (PerCP), (7AAD)
	488 C	655	660 / 20	650	670	PE-Cy5, PE-AF680, PI, 7AAD, mPlum
	488 D	600	610 / 20	600	620	PE-Texas Red, PE-CF594, PE-AF/eFluor610, PE-Vio615, PI, mCherry, mRuby
	488 E	550	575 / 26	562	588	PE, Cy3, tdTomato, DsRed, RFP, (PI)
	488 F	505	530 / 30	515	545	FITC, AF488, BB515, GFP, Venus
	488 G	-	488 / 10	483	493	SSC
	Red	640 A	755	780 / 60	750	810
640 nm	640 B	710	730 / 45	708	753	Alexa Fluor (AF)700, APC-R700
	640 C	-	660 / 20	650	670	APC, AF647, eFluor660, To-PRO-3, DRAQ5