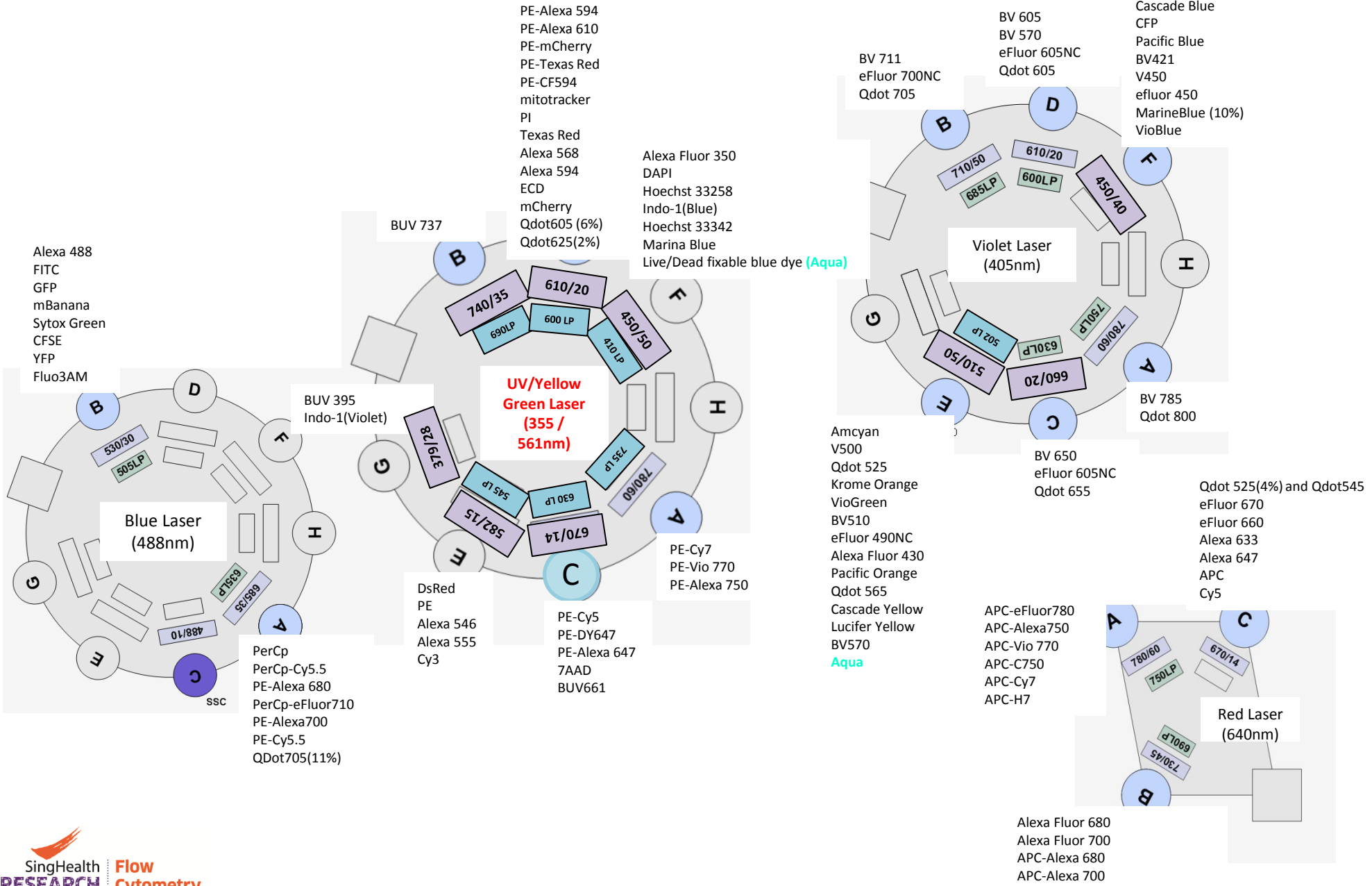


BD ARIA III Configuration (2-Blue, 6-Violet, 7UV/Yellow Green and 3-Red)



New BD FACSAria III (14 Jan 2016)

Laser	Detector	Filters and Mirrors		Colors detectable
		Band/Pass	Long Pass	
UV 355nm/ Yellow Green 561nm	A	780 / 60	735	Qdot800(10%), PE-Cy7, PE-Vio770, PE-Alexa 750
	B	740/35	690	BUV 737
	C	670/14	630	PE-Cy5, PE-DY647, PE-Alexa647, 7AAD, BUV661
	D	610 / 20	600	PE-Alex594, PE-Alexa610, PE-mCherry, PE-Texas Red, PECF594, mitotracker Red, PI, Texas Red, Alexa568, Alexa594, ECD, mCherry, Qdot605(6%), Qdot625(2%)
	E	582/15	545	DS-Red, PE, Alexa546, Alexa 555, Cy3, RFP
	F	450/50	410	Alexa Fluor 350, DAPI, Hoechst 33258, Hoechst 33342, Indo-1(Blue), Aqua, BUV496
	G	379 / 28	NIL	BUV 395, Indo-1(Violet)
Violet 405nm	A	780/60	735	Qdot 800, Brilliant Violet 785
	B	710 / 50	685	BV650, Qdots 655, eFluor 650NC
	C	660/20	630	BV605, eFlour 605NC, Qdots605
	D	610 / 20	600	Alexa Fluor 430, Pacific Orange, Qdot565, Cascade Yellow, Lucifer Yellow, BV570
	E	510/50	502	Amcyan, V500, Qdots 525, Krome Orange, VioGreen, BV510, eFluor490NC
	F	450/40	NIL	Alexa Fluor 405, Cascade Blue, CFP, Pacific Blue, BV421, V450, eFluor 450, Marine Blue (minimally), VioBlue
Blue 488nm	A	695 / 40	655	PerCp, PerCp-Cy5.5, PE-Alexa 680, PerCP-eFluor710, PE-Alexa 700, PE-Cy5.5, Qdot705(11%)
	B	530 / 30	502	Alexa 499, FITC, GFP, mBanana, Sytox Green, CSFE, YFP, Fluo3AM
Red 640nm	A	780 / 60	750	APC-eFluor780, APC-Alexa750, APC-Vio 770, APC-C750, APC-Cy7, APC-H7
	B	730 / 45	690	Alexa Fluor 680, Alexa Fluor 700, APC-Alexa 680, APC-Alexa 700
	C	670 / 14	NIL	Qdot525(4%), Qdot545, eFluor 670, eFluor 660, Alexa 633, Alexa 647, APC , Cy5