

Core Facility Flow Cytometry - Cytometer Configuration

**BD FACSAria III (Rudolph lab)**

<b>Laser</b>	<b>Filter set</b>	<b>Dyes</b>
405 nm	780/60; 750LP	BV785; BUV805; Superbright780
	710/50; 670LP	BV711; BUV737
	670/30; 640LP	BV650; BUV661
	610/20; 600LP	BV605; BUV563
	510/50; 502LP	BV510; AF430; V500; BUV496; CFP
	450/40	AF405; DAPI; Hoechst; Pacific Blue; V450; BV421; Sytox Blue
488 nm	695/40; 655LP	PerCP; PerCP-Cy5.5; PerCP-eF710; 7-AAD
	530/30; 502LP	AF488; FITC; GFP; CFSE; YFP; Sytox Green
	488/10	SSC
561 nm	780/60; 735LP	PE-Cy7
	710/50; 685LP	PE-AF700; PE-Cy5.5
	670/14; 630LP	PE-Cy5
	610/20; 600LP	PE-AF594; PE-TxRed; PI; mCherry; PE-CF594; PE-Vio615; PE/Dazzle594
	586/15	PE; RFP; tdTomato; DsRed
633 nm	780/60; 755LP	APC-Cy7; APC-AF750; Zombie NIR; eF780; APC-Fire750; APC-Vio770; APC-H7
	730/45; 690LP	AF700; APC-A700
	660/20	APC; AF647; eF660; Sytox Red

Core Facility Flow Cytometry - Cytometer Configuration

<b>BD FACSAria IIIu (Facility)</b>		
<b>Laser</b>	<b>Filter set</b>	<b>Dyes</b>
405 nm	735LP	
	710/50; 685LP	BV711; BUV737
	610/20; 595LP	BV605; BUV563
	530/30; 502LP	BV510; AF430; V500; BUV496; CFP
	450/40	AF405; DAPI; Hoechst; Pacific Blue; V450; BV421; Sytox Blue
488 nm	695/40; 655LP	PerCP; PerCP-Cy5.5; PerCP-eF710; 7-AAD
	530/30; 502LP	AF488; FITC; GFP; CFSE; YFP; Sytox Green
	488/10	SSC
561 nm	780/60; 735LP	PE-Cy7; PE-AF700
	670/14; 630LP	PE-Cy5; PE-Cy5.5
	610/20; 600LP	PE-AF594; PE-TxRed; PI; mCherry; PE-CF594; PE-Vio615; PE/Dazzle594
	586/15; 570LP	PE; RFP; tdTomato; DsRed
633 nm	780/60; 735LP	APC-Cy7; APC-AF750; Zombie NIR; eF780; APC-Fire750; APC-Vio770; APC-H7
	730/45; 685LP	AF700; APC-A700
	660/20	APC; AF647; eF660; Sytox Red

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**BD FACSAria Fusion**

<b>Laser</b>	<b>Filter set</b>	<b>Dyes</b>
355 nm	530/30; 505LP	BUV496
	450/50	DAPI; BUV395; AF350; Hoechst
405 nm	780/60; 750LP	BV785; BUV805; Superbright780
	710/50; 690LP	BV711; BUV737
	660/20; 630LP	BV650; BUV661
	610/20; 595LP	BV605; BUV563
	525/50; 505LP	BV510; AF430; V500; CFP
	450/50	AF405; Pacific Blue; V450; BV421; Sytox Blue
488 nm	695/40; 655LP	PerCP; PerCP-Cy5.5; PerCP-eF710; 7-AAD
	530/30; 502LP	AF488; FITC; GFP; CFSE; YFP; Sytox Green
	488/10	SSC
561 nm	780/60; 735LP	PE-Cy7
	710/50; 685LP	PE-AF700; PE-Cy5.5
	670/14; 630LP	PE-Cy5
	610/20; 600LP	PE-AF594; PE-TxRed; PI; mCherry; PE-CF594; PE-Vio615; PE/Dazzle594
	582/15	PE; RFP; tdTomato; DsRed
640 nm	780/60; 755LP	APC-Cy7; APC-AF750; Zombie NIR; eF780; APC-Fire750; APC-Vio770; APC-H7
	730/45; 690LP	AF700; APC-A700
	670/30	APC; AF647; eF660; Sytox Red

## Core Facility Flow Cytometry - Cytometer Configuration

### BD FACS Melody (S2 lab)

Laser	Filter set	
405 nm	528/45; 500LP	BV510; AF430; V500; BUV496; CFP
	448/45	AF405; DAPI; Hoechst; Pacific Blue; V450; BV421; Sytox Blue
488 nm	700/54; 665LP	PerCP; PerCP-Cy5.5; PerCP-eF710; 7-AAD
	527/32; 507LP	AF488; FITC; GFP; CFSE; YFP; Sytox Green
	488/15	SSC
561 nm	783/56; 752LP	PE-Cy7
	697/58; 665LP	PE-Cy5; PE-AF700; PE-Cy5.5
	613/18; 605LP	PE-AF594; PE-TxRed; PI; mCherry; PE-CF594; PE-Vio615; PE/Dazzle594
	582/15; 582LP	PE; RFP; tdTomato; DsRed

**Cytek Aurora CS, spectral cell sorter**

**Laser**

355 nm
405 nm
488 nm
561 nm
640 nm