

## Flow Cytometry Core Facility Equipment

### Basic Analysers

The tables below show commonly used fluorophores on each parameter within each instrument. The fluorochromes **highlighted in bold** are the preferred fluorochromes for each parameter.

#### FACSCanto II

Laser	Bandpass Filter	Suggested Fluorochromes
<b>Blue 488nm</b>	530/30	<b>Brilliant Blue 515</b> , FITC, Alexa Fluor 488, GFP, YFP, Zombie Green
	585/42	<b>PE</b> , Propidium Iodide
	670LP	<b>PerCP-Cy 5.5</b> , 7-AAD
	780/60	<b>PE-Cy7</b>
<b>Red 633nm</b>	660/20	<b>APC</b> , Alexa Fluor 647
	780/60	<b>APC-H7</b> , APC-Cy7, DRAQ5, Zombie NIR
<b>Violet 405nm</b>	450/50	<b>BV421</b> , V450, DAPI, Pacific Blue
	525/50	<b>BV510</b> , Zombie Aqua, V500

#### Accuri C6

3 blue 1 red

Laser	Bandpass Filter	Suggested Fluorochromes
<b>Blue 488nm</b>	533/30	<b>Brilliant Blue 515</b> , FITC, Alexa Fluor 488, GFP, YFP, Zombie Green
	585/40	<b>PE</b> , Propidium Iodide
	780/60	<b>PE-Cy7</b>
<b>Red</b>	675/25	APC, Alexa Fluor 647

2 blue 2 red

<b>Laser</b>	<b>Bandpass Filter</b>	<b>Suggested Fluorochromes</b>
<b>Blue 488nm</b>	533/30	<b>Brilliant Blue 515</b> , FITC, Alexa Fluor 488, GFP, YFP, Zombie Green
	585/40	<b>PE, Propidium Iodide</b>
<b>Red</b>	675/25	APC, Alexa Fluor 647
	780/60	APC-H7, APC-Cy7

Tali Image Based Cytometer

<b>LED</b>	<b>Bandpass Filter</b>	<b>Suggested Fluorochromes</b>
<b>Green 458nm</b>	525/50	Viability Dead cell green, GFP
<b>Red 530nm</b>	585LP	Viability kit Dead cell red