

Dalhousie University - Flow Cytometry Facility CORES

Machine	Lasers (nm)	Power (mW)	Channel	Bandpass	Example Fluorophores
Amnis Image Stream	488 & 561 (Camera 1)	200 & 200	1	457/45	Brightfield
			2	528/65	FITC, AF488, CFSE, GFP, Oregon Green 488, BB515
			3	577/35	PE, BYG 584, AF546, DSRed
			4	610/30	PE-Texas Red, ECD, RFP, AF568, mCherry, PE-AF610
			5	702/85	PerCP-Cy5.5, PE-Cy5.5, PE-Cy5, PE-AF647, PI
			6	762/35	(SSC) PE-Cy7, PE-AF750
	405 & 642 (Camera 2)	120 & 150	7	457/45	DAPI, BV421, AF405, Pacific Blue
			8	537/65	BV510, Pacific Orange
			9	582/25	Brightfield
			10	610/30	BV605
			11	702/85	APC, AF647, AF660, AF700, Draq5, BV711
			12	762/35	(SSC) AF750, APC-Cy7, APC-eFlour750
*Note - Lasers are co-linear on each camera in the Image Stream					