

Instruments and Analysis Workstations at RU FCRC

	Instrument	Year of Manufacture	Location	Hours of operation	Fee \$/hour	Purpose of use				Lasers (excitation beam); Pre-set configuration (nm)						Number of fluorescent detectors (by laser)	
						Cell Sort	Data Acquisition	Data Analysis	Data Storage	I Laser	II Laser	III Laser	IV Laser	V Laser	VI Laser		
CELL SORTERS	BD FACSAria-1	2005/2010	DWB207	extended business hours	148	✓	✓	✓	✓	405	488	561	640			13 (3/3/4/3)	
	BD FACSAria-2	2008	DWB207A	extended business hours	148	✓	✓	✓	✓	355	405	488	561	640		16 (2/4/3/4/3)	
	BD FACSAria-3	2010	DWB207	extended business hours	148	✓	✓	✓	✓	355	405	445	488	561	640	18 (2/4/2/3/4/3)	
	Sony MA900	2019	DWB211	extended business hours	148 / 74	✓	✓	✓		405	488	561	640			12	
ANALYZERS	SPECTRAL	Cytek Aurora-1	2018/2019	DWB308	24/7/365	57		✓	✓		355	405	488	561	640		64 (16/16/14/10/8)
		Cytek Aurora-2	2020	DWB308	24/7/365	57		✓	✓		355	405	488	561	640		64 (16/16/14/10/8)
	CONVENTIONAL	BD LSR II-1	2004/2009	DWB211	24/7/365	57		✓	✓		355	405	488	561	640		16 (2/4/3/4/3)
		BD LSR II-2	2007/2011	DWB211	24/7/365	57		✓	✓		405	445	488	561	640		16 (4/2/3/4/3)
		BD LSR-Fortessa	2014	DWB211	24/7/365	57		✓	✓		355	405	488	561	640		18 (3/5/3/4/3)
		Agilent NovoCyte Penteon	2023	DWB211	24/7/365	57		✓	✓		355	405	488	561	640		30 (7/7/6/6/4)
		ThermoFisher Attune NxT	2018/2020	DWB211	24/7/365	57		✓	✓		405	488	561	640			14 (4/3/4/3)

	Analysis Workstation	Location	Hours of operation	Software
PC	AnalysisPC1	DWB306	24/7/365	FACSDiVa 8.0.1, FCAP Array 1.0.2
	AnalysisPC2	DWB306	24/7/365	FlowJo 7.6.5/10.4, FCS Express 4, NovoExpress 1.6, IDEAS 6.2, CFlow Sampler 1.0, FCAP Array 1.0.2, ModFit LT 3.3, V-Comp 1.0, Cellometer Mini 1.2.6, GemStone 1.0.141
	AnalysisPC3	DWB211	24/7/365	IDEAS 6.2 (Analysis software for ImageStream-X files), FCS Express 7
	AnalysisPC5	DWB211	24/7/365	Sony Cell Sorter Software 3.2, NovoExpress 1.6
	Aurora-Client1	DWB306	24/7/365	SpectroFlo 3.3, FlowJo 7.6.5/10.4, FCS Express 6/7, NovoExpress 1.6, Sony Cell Sorter Software 3.0
	Aurora-Client2	DWB306	24/7/365	SpectroFlo 3.3, FlowJo 7.6.5/10.4, FCS Express 7, NovoExpress 1.6, Sony Cell Sorter Software 3.0