

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)
							Data Acquisition	Data Analysis	Data Storage	I Laser	II Laser	III Laser	IV Laser	V Laser	VI Laser	
CELL SORTERS	SPECTRAL	BD FACSDiscover S8 <small>(BD CellView Image Technology)</small>	2024	WRB1401A	extended business hours	158	✓	✓		355	405	488	561	640		78 (22/20/16/12/8)
		Cytek AuroraCS-A	2025	WRB1401C	extended business hours	158	✓	✓		355	405	488	561	640		64 (16/16/14/10/8)
		Cytek AuroraCS-B	2025	WRB1401B	extended business hours	158	✓	✓		355	405	488	561	640		64 (16/16/14/10/8)
	CONVENTIONAL	BD FACSAria-2	2008	WRB1430B	temporary backup instrument	158	✓	✓	✓	355	405	488	561	640		16 (2/4/3/4/3)
		BD FACSAria-3	2010	WRB1401C	temporary backup instrument	158	✓	✓	✓	355	405	445	488	561	640	18 (2/4/2/3/4/3)
		Sony MA900	2019	WRB1430A	extended business hours	158 / 79	✓	✓		405	488	561	640		12	
ANALYZERS	SPECTRAL	Cytek Aurora-1	2018/2019	WRB1438	24/7/365	61	✓	✓		355	405	488	561	640		64 (16/16/14/10/8)
		Cytek Aurora-2	2020	WRB1438	24/7/365	61	✓	✓		355	405	488	561	640		64 (16/16/14/10/8)
	CONVENTIONAL	BD LSR II	2007/2024	WRB1432	temporary backup instrument	61	✓	✓		355	405	488	561	640		16 (2/4/3/4/3)
		BD LSR-Fortessa	2014	WRB1432	24/7/365	61	✓	✓		355	405	488	561	640		18 (3/5/3/4/3)
		Agilent NovoCyte Penteon	2023	WRB1432	24/7/365	61	✓	✓		355	405	488	561	640		30 (7/7/6/6/4)
		ThermoFisher Attune NxT	2018/2020	WRB1432	24/7/365	61	✓	✓		405	488	561	640		14 (4/3/4/3)	
IMAGE	Cytek / Amnis ImageStream ^x Mk II	NA	Columbia University	extended business hours	212.21	✓	✓		405	488	561	640		12		
		Analysis Workstation	Location	Hours of operation	Software											
PC		AnalysisPC1	WRB1434	24/7/365	FACSDiVa 8.0.1, FCAP Array 1.0.2											
		AnalysisPC2	WRB1434	24/7/365	FlowJo 7.6.5/10.10, 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	WRB1434	24/7/365	IDEAS 6.2 (Analysis software for ImageStream-X files), FCS Express 7											
		AnalysisPC5	WRB1430	24/7/365	Sony Cell Sorter Software 3.2, NovoExpress 1.6											
		Aurora-Client1	WRB1434	24/7/365	SpectroFlo 3.3, FlowJo 7.6.5/10.10, FCS Express 6/7, NovoExpress 1.6, Sony Cell Sorter Software 3.0, IDEAS 6.2											
		Aurora-Client2	WRB1434	24/7/365	SpectroFlo 3.3, FlowJo 7.6.5/10.10, FCS Express 7, NovoExpress 1.6, Sony Cell Sorter Software 3.0, BD CellView Image Extractor 2.0											