

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 3.2, 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 3.2, FlowJo 7.6.5/10.4, FCS Express 7, NovoExpress 1.6, Sony Cell Sorter Software 3.0 |