

University of Windsor – Flow Cytometry Core

Configurations: BD FACSAria Fusion

- 5 lasers
- 18 fluorescence parameters
- Single cell sorter into 96 or 384 well plates

| Lasers (nm) | Filters | | Fluorochrome Examples |
|--------------------------|---------|-----|-----------------------|
| | BP | LP | |
| UV (355 nm) | 379/28 | -- | BV395 |
| | 450/50 | 410 | DAPI |
| Violet (405 nm) | 450/50 | 410 | BV421 |
| | 525/50 | 505 | BV510 |
| | 610/20 | 595 | BV605 |
| | 670/30 | 635 | BV650 |
| | 695/40 | 685 | BV711 |
| | 780/60 | 750 | BV786 |
| Blue (488 nm) | 488/10 | -- | SCC |
| | 530/30 | 502 | FITC |
| | 695/40 | 655 | PerCP Cy5.5 |
| Yellow/Green (561 nm) | 582/15 | -- | PE |
| | 610/20 | 600 | PE-mCherry |
| | 670/14 | 630 | PE-Cy5 |
| | 710/50 | 685 | PE-Cy5.5 |
| | 780/60 | 735 | PE-Cy7 |
| Red (640 nm) | 670/30 | -- | APC |
| | 730/45 | 690 | APC-AF700 |
| | 780/60 | 735 | APC-Cy7/APC-H7 |