

## FACSCelesta™ Setup

| Laser              | Detector | LP Filter | BP Filter | parameter name | fluorochromes detectable (examples)             |
|--------------------|----------|-----------|-----------|----------------|---|
| 405 nm<br>(violet) | A        | 690       | 710/50    | Vio-710        | BV711   |
|                    | B        | 655       | 670/30    | Vio-670        | BV650; eVolve655                                |
|                    | C        | 605       | 610/20    | Vio-610        | BV605; eVolve605; SuperBright600                |
|                    | D        | 505       | 525/50    | Vio-525        | AF430; AmCyan; V500; BV510; eF506; VioGreen     |
|                    | E        | -         | 450/40    | Vio-450        | Pacific Blue; eF450; DAPI; V450; BV421; VioBlue |
| 488 nm<br>(blue)   | A        | 750       | 780/60    | Blue-780       | PE-Cy7; PE-Vio770                               |
|                    | B        | 670       | 695/40    | Blue-695       | PerCP; PerCP-Cy5.5; PerCP-Vio770; 7-AAD         |
|                    | C        | 550       | 575/25    | Blue-575       | PE  |
|                    | D        | 505       | 530/30    | Blue-530       | FITC; AF488; GFP; BB515; VioBright 515; CFSE    |
|                    | E        | -         | 488/10    | SSC            | SSC (Side scatter)                              |
| 640 nm<br>(red)    | A        | 750       | 780/60    | Red-780        | APC-Cy7; APC-H7; APC-AF750; APC-AF780           |
|                    | B        | 690       | 730/45    | Red-730        | AF700; APC-R700                                 |
|                    | C        | -         | 670/30    | Red-670        | APC; AF647; AF660; Cy5                          |