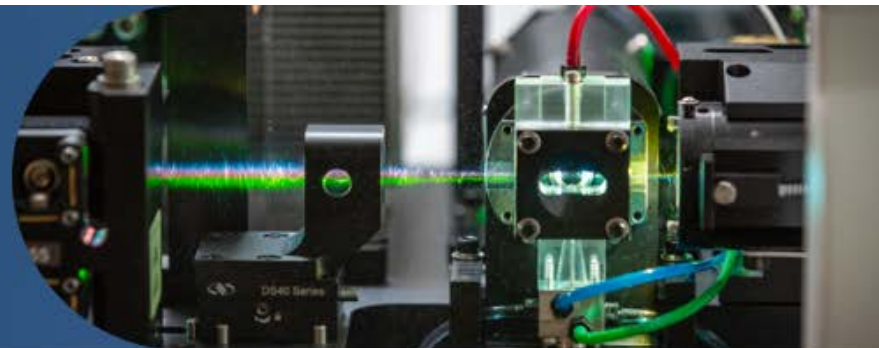


# Flow Cytometry

Research Administration  
Seattle, WA • 501(c)(3) Nonprofit



## Sony MA900 Multi-Application Cell Sorter (Sony MA900 – 3)

**Location:** Steam Plant S1-226

| Laser                                | Channel | Filter | Fluorochrome | Other Fluorochromes                                            | Fluorescent Proteins   | Proliferation Dyes | Cell Cycle Dyes  | Viability Dyes                                       |
|--------------------------------------|---------|--------|--------------|----------------------------------------------------------------|------------------------|--------------------|------------------|------------------------------------------------------|
| <b>Violet<br/>405 nm<br/>(10 mW)</b> | FL6     | 450/50 | BV421        | Pacific Blue   BV450   eFluor 450   AF 405   VioBlue           | BFP   Azurite          | CellTrace Violet   | DyeCycle Violet  | DAPI   LIVE/DEAD Fixable Violet   Zombie Violet      |
|                                      | FL7     | 525/50 | BV510        | BV480   V500   AF 430   AmCyan   Pacific Green   Qdot 525      | CFP   Cerulean         |                    |                  | LIVE/DEAD Fixable Aqua   Zombie Aqua                 |
|                                      | FL8     | 585/30 | BV570        | Qdot 565                                                       |                        |                    |                  | LIVE/Dead Fixable Yellow                             |
|                                      | FL9     | 617/30 | BV605        | Qdot 605                                                       |                        |                    |                  |                                                      |
|                                      | FL10    | 665/30 | BV650        | Qdot 655                                                       |                        |                    |                  |                                                      |
|                                      | FL11    | 720/60 | BV711        | Qdot 705                                                       |                        |                    |                  |                                                      |
|                                      | FL12    | 785/60 | BV785        | Qdot 800                                                       |                        |                    |                  |                                                      |
| <b>Blue<br/>488 nm<br/>(36 mW)</b>   | FL1     | 525/50 | FITC         | BB515   AF 488   Qdot 525   Cy2                                | GFP   YFP   mCitrine   | CFSE               | DyeCycle Green   | LIVE/DEAD Fixable Green   Zombie Green   Sytox Green |
|                                      | FL3     | 617/30 | BB630        | PE-eFluor610                                                   |                        |                    | Propidium Iodide | Propidium Iodide   7-AAD                             |
|                                      | FL4     | 695/50 | PerCP-Cy5.5  | PerCP   PerCP-E710   BB660                                     |                        |                    |                  |                                                      |
| <b>Green<br/>561 nm<br/>(36 mW)</b>  | FL2     | 585/30 | PE           | AF 555   eFluor 570   Cy3                                      | RFP   dsRed   tdTomato | CellTrace Yellow   | DyeCycle Orange  | LIVE/DEAD Fixable Red   Zombie Red   Sytox Orange    |
|                                      | FL3     | 617/30 | PE-Texas Red | PE-CF594   ECD   PE-Dazzle 594   PE-eFluor610   Texas Red      | mCherry                |                    | Propidium Iodide | Propidium Iodide   7-AAD                             |
|                                      | FL4     | 695/50 | PE-Cy5       | PE-Cy5.5                                                       | mPlum                  |                    |                  |                                                      |
|                                      | FL5     | 785/60 | PE-Cy7       |                                                                |                        |                    |                  |                                                      |
| <b>Red<br/>638 nm<br/>(36 mW)</b>    | FL10    | 665/30 | APC          | AF 633   AF 635   AF 647   AF 680   Cy5   Cy5.5                |                        | CellTrace Far Red  | DyeCycle Ruby    | LIVE/DEAD Fixable Far Red                            |
|                                      | FL11    | 720/60 | AF 700       | APC-Cy5.5   APC-R700                                           |                        |                    |                  | Fixable Viability 700                                |
|                                      | FL12    | 785/60 | APC-AF750    | APC-Cy7   APC-H7   APC-Fire750   APC-eFluor 780   AF 750   Cy7 |                        |                    |                  | LIVE/DEAD Fixable Near-IR   Zombie NIR               |

\*fluorochromes in the same channel cannot be used simultaneously

\*Updated: November 2020