

Post-learning exercise

Topic: Principles of Flow Cytometry

Student name: _____ Student ID: _____

Fill in the blank with keywords appropriate for each statement.

1. The term “flow” in flow cytometry refers to the flow of cells/particles in a _____ column, which is the work of _____ component of the machine.
2. The function of dichroic filter is to let a range of light wavelength through, while _____ the remaining wavelength.
3. There are 2 parts of the electronic component of flow cytometry. _____ detect fluorescent signal and _____ separate cell type of interest.
4. There are 2 light scatter signals. Forward-scatter indicates _____, while side-scatter indicates _____.
5. There are 2 data representation from the recorded signals. _____ shows distribution of scanned cells/particles, which can be shown between 2 parameters simultaneously. Another one is _____, which shows intensity or counted number of a single parameter.
6. _____ is an approach for the investigator to select only specific group of cells/particles of interest for further analysis.