



Flow Cytometry Sort Request Form

CVI BD FACSAria Fusion

Scheduling:

There is an Outlook calendar for the FACSAria Fusion schedule. Upon the first sort request, you will be given access to view this calendar.

When booking sort time, please check the calendar for availabilities and email the BD FACSAria Fusion Operator listed above with your requested date and time. You will receive a calendar invite confirming the sort time and date or the operator will write you to identify alternative options should they not be available.

BD FACSAria Fusion Operator:

Celia Saney

clorenza@uga.edu

1. Researcher Name:
2. Principal Investigator:
3. Institution:
4. Is your PI an affiliate or full member of the CVI faculty?
5. Speedtype to be charged for services:
6. Have you done flow cytometry or cell sorting before?
7. Type of service required:
 - a. Data acquisition only?
 - b. Aseptic Sort?
 - c. Standard Sort?
 - d. Consultation only?
8. What type of samples are you sorting (ex: PBMCs, parasites, whole blood)?
9. What cell population(s) do you want to sort (ex: CD19+ B Cells, GFP+ cells, etc) and how many?
10. Please fill in the table below with your markers and fluorophores. Add in rows to the table as needed. An example is shown below.

Marker	Fluorophore	Excitation Laser	Filter
<i>CD19</i>	<i>FITC</i>	<i>488 (blue)</i>	<i>530/30</i>



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11. Briefly describe or paste your gating strategy:
12. What type of compensation controls will you bring (beads or cells)?
13. Number of samples:
14. What type of collection tube/plate will you be sorting into?
15. Briefly describe your experiment (ex: sorting 1 GFP+ cells per well into a 96-well plate, sorting 50k B cells into a 1.5ml tube, etc):
16. Collection criteria:
 - a. Temp for sample to be sorted:
 - b. Temp for collection tubes:
17. Do you need a different nozzle size? 100 um is standard for most applications.
18. Does your sample contain any known infectious agent? If so, please list the potential hazards.
19. Please describe any known sort settings that need to be taken into consideration.

Please email this completed form along with any questions to Celia Saney at clorenza@uga.edu.