BDFACS Melody Training (~6+ hours spanning around 4 day schedule).

Time is billed as an assisted sort per hour ($219)

Please email [CMtO-Core@mx.uillinois.edu](mailto:CMtO-Core@mx.uillinois.edu) with any questions

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| Day 1 (Approximately 3 hours)($219 per hour)  We will be using beads for day one. You would not be required to bring anything except yourself and a notebook! | | |
| Instrument start up and shut down | How to connect sheath tank, daily start up, changing of nozzles, stream start up, flow cell clean, daily QC, daily accudrop QC | 30 minutes |
| Setting up an experiment | Choosing the right parameters for your samples, setting up conditions | 10 minutes |
| Plots and gatings | How to visualize your sample, how to make plots and gatings for your different | 30 minutes |
| Sorting | How to set up your sort and start a sort. Explanations on what makes your sort good or bad and how to improve if needed | 30 minutes |
| Cleaning | Cleaning protocols for our sorter after your sort | 20 minutes |
| Questions! | Ask any question you would like! Could be based on your samples, our training or any general questions about flow cytometry! | 10-20 minutes |

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| Day 2 (Approximately 3 hours) ($219 per hour)  We will be using your prepared samples. Bring an unstained, single stained and a fully stained control. You will be operating the instrument with guidance of an employee | | |
| Instrument start up and shut down | You would be starting up the instrument on your own, and running the daily QC steps | 30 minutes |
| Setting up your experiment | Choosing the right parameters for your samples, setting up conditions | 10 minutes |
| Plots and gatings | Finding your cells on the plot, gating your populations and setting up conditions | 30 minutes |
| Sorting | Set up your sort and details. Conduct your sort on your own. If you would like to bring a trial run sample, we would sort for 10 minutes, alternatively, you can bring sample that you will be using for your project and sort these until you get the required amount. | 30 minutes |
| Cleaning | Cleaning protocols for our sorter after your sort | 20 minutes |
| Questions! | Ask any question you would like! Could be based on your samples, our training or any general questions about flow cytometry! | 10-20 minutes |

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| Day 3 (Time dependent on your sort time) ($219 per hour)  We will be using your prepared samples. Bring an unstained, single stained and a fully stained control. You will be operating the instrument with guidance of an employee | | |
| Instrument start up | You will start the instrument by yourself with the presence of an employee | N/A |
| Run your sample by yourself | These will be actual sample for your project. Not a trial run | N/A |
| Instrument Shut down | You will shut down the instrument by yourself with the presence of an employee | N/A |

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| Day 4 (Time dependent on your sort time) ($219 per hour)  We will be using your prepared samples. Bring an unstained, single stained and a fully stained control. You will be operating the instrument with the presence of an employee. NO GUIDANCE WILL BE GIVEN. You will received clearance on this day, should you conduct the entire sort with no guidance or assistance. | | |
| Instrument start up | You will start the instrument by yourself with the presence of an employee | N/A |
| Run your sample by yourself | These will be actual sample for your project. Not a trial run | N/A |
| Instrument Shut down | You will shut down the instrument by yourself with the presence of an employee | N/A |

**Please note that you will be required to have a refresher training (2hrs) if you have not used the system for 6 months or longer after your training session. This refresher training will be billed as an assisted sort.**