

Flow Cytometry Training - Outline

Welcome to Your Flow Cytometry Training Journey: A Tour Through the Land of Lasers and Cells!

Your Flow Cytometry Training Journey:

- Theory – *Intro to Flow Cytometry (outline below) –in class session (2h)
- Protocol/sample preparation/panel design – consultation (as requested)
- Hands-on training (samples are required) – completed over two -2hr. sessions
- Data analysis – training/ consultation (FlowJo) (as requested) – completed over a 2hr. session
- Figure preparation for presentations/thesis/manuscript - consultation (as requested)

*Intro to Flow Cytometry - Outline:

- Instrumentation (what are the key components that make cytometers work)
- Pitfalls of sample preparation – how do I maximize my signal to noise?
- Do I need controls? (Yes, several! We will discuss the different types)
- Access and Rules of the Flow Core
- How do I select the instrument for my hands-on training?
 - Virtual orientation of the instruments in the flow core
 - What do I need to prepare for the hands-on training?
- Additional Resources
- Comprehension Quiz (take home)