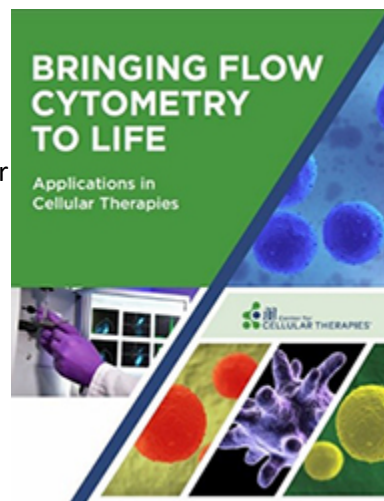


## AABB Bringing Flow Cytometry to Life: Applications in Cellular Therapies Course

### Course Description

Flow cytometry plays an integral role in the modern laboratory. This rapid, high throughput, multiparameter assay is used to phenotype, characterize, and assess cell function by measuring marker expression on the cell surface and inside cells. It is an important tool that helps to ensure quality, purity, safety and/or potency of products used in cellular therapies and regenerative medicine. Learning how flow cytometry is applied in practice is essential to maximizing its power to collect and interpret data for clinical and research applications.



AABB's course, Bringing Flow Cytometry to Life: Applications in Cellular Therapies:

- Teaches the basics of flow cytometer operation
- Through the use of actual examples, students will experience how flow cytometry can be applied in cellular therapies (CT) – providing a real-world experience and bringing flow cytometry to life!

### Price

USP learners will receive the AABB discounted member rate of \$395 by using the promocode, **USP-FLOW** when registering for the program on the [AABB marketplace](#). By using this promocode you agree to have your contact information shared by AABB to USP for tracking and reporting purposes only.

### How To Register & Access

[Individuals can register online via the AABB Marketplace](#). Individuals will be prompted to create an account if they do not already have an established account in the AABB Marketplace. After creating an account, enter in the promocode, **USP-FLOW** prior to the payment section making sure there are no spaces before or after the code before you hit the Apply button. If the code is applied properly, the price for the course will be \$395. Payment confirmation will be provided immediately after registering.

Upon payment, access instructions will be provided via email and immediate access to the course is granted on the [AABB Education Platform](#).

### Access Duration

Access to the course is granted for 1 year from the date of registration.

### Upon completion of this course, students should be able to:

- Discuss the concept of targeting cell surface markers with antibody-fluorochrome conjugates.
- Identify and describe the essential technical components of a flow cytometer assay.
- List the major practical steps in assay setup and performance.
- Explain how event data are gathered and analyzed.
- Match cell(s) of interest with their corresponding CT product type.
- Discuss how to set up and optimize a flow panel for staining cells based on CT product to be evaluated.
- Identify cell types based on flow cytometric characterization.

- Describe gating strategies used to distinguish and quantify cell populations of interest on flow cytometer dot plots.
- Enumerate cell populations of interest based on flow cytometric analysis.
- Recognize cellular and flow cytometric characteristics that are critical to understanding the properties of cells.
- Formulate an approach to designing flow cytometry panels to assess various cellular therapies.
- Describe a general approach to gating strategies.

**More Information**

Please visit the [AABB website](#) for more information on this course.