



## Instructors

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## 🔍 Overview

**Intro to Flow Cytometry Biosafety** will provide safety professionals and anyone working in a laboratory setting a foundation on flow cytometry and cell sorting and strategies for mitigating the risks associated with typical flow cytometry instrumentation and procedures. This course will include a detailed overview of how flow cytometers work, common sample types that are handled in flow cytometry laboratories, a typical flow cytometry workflow, and considerations for core facilities/shared resource laboratories. The risks associated with flow cytometry and cell sorting will be discussed as well as mitigation strategies that can be implemented to reduce these risks. The course will be presented by experts from the International Society for Advancement of Cytometry (ISAC) Biosafety Committee and will include an overview of the ISAC Biosafety Standards. This course will include lecture material, breakout sessions where attendees will evaluate risks and develop plans for risk mitigation using real-world examples, and ample time for questions.

## 🔑 Objectives

- Describe the fundamental principles of flow cytometry and cell sorting including how flow cytometers operate and the typical components of a flow cytometry workflow
- Recognize key biosafety risks associated with flow cytometry instrumentation and procedures, particularly in core facilities and shared resource laboratories
- Restate a typical workflow in a flow cytometry laboratory
- Apply risk mitigation strategies to flow cytometry workflows, including containment practices and procedural controls
- Interpret and implement the ISAC Biosafety Standards within their own laboratory settings
- Collaborate with peers and experts to explore real-world biosafety challenges in flow cytometry, sharing insights and strategies for effective risk management
- Evaluate and enhance biosafety practices tailoring approaches to suit diverse laboratory environments and flow cytometry applications

✅ **Suggested Background:** None

🎯 **Who Should Attend:** Biosafety and EH&S professionals (IBC members) in government, industry, academic and other institutions/organizations; Clinical Laboratory Personnel, Flow Cytometry Lab Personnel and Leadership

📅 **Course Logistics:** Course is two 2-hour sessions. Attendees will need to log on 15 minutes prior to the start time. To receive credit and a certificate, attendees must attend the session and complete or access all course modules. The course materials are for **registered participants only**.

💰 **Course Fees:** **\*ABSA Member: \$300      Non-member: \$390**  
\* To receive the ABSA member rate, participants must be current ABSA members during the training year. Fees include course handouts, access to the ABSA International training site, and 4 hours of expert-led interactive instruction. Group Discount (all registrants from same organization): 10% off for 3-4 participants; 20% off for 5-9 participants; 30% off for 10+ participants. **To apply for the group discount for registration, please call the ABSA Office to register.**

📄 **Credits:** This course has been approved for **0.5 CM points** toward RBP/CBSP recertification. \*ABSA International is approved as a provider of continuing education programs in clinical laboratory sciences by the ASCLS P.A.C.E.® Program. This course is approved for **4.0 P.A.C.E.® contact hours**. Course access links are unique and for individual use only. **Sharing is prohibited.** Duplicate logins or unregistered attendees will be removed from the webinar without a refund.

❓ **Questions:** Contact: Kari DeServi, MEd, Director of Education, ABSA Office, 866.425.1385 (toll free)  
Email: education@absa.org

📝 **Register:** **By phone:** (866) 425-1385 or **Online:** www.absa.org  
*Confirmed, paid participants will be sent detailed information regarding the course within a few days prior to the course. Substitutions allowed with notice by 1/8/2026. There is a 15% processing fee for cancellations prior to 1/8/2026. No refunds after 1/08/2026.*