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Flow Cytometry Focus Groups—Join in on the Discussions!

- ◆ [Flow Cytometry Action Programming Committee](#)
- ◆ [Purdue Cytometry Discussion List](#)
- ◆ [Google+ Cytometry](#)
- ◆ Please share any other flow cytometry discussion groups with us!

Challenges of Managing Flow Cytometry Portions of a Study

By: Lynette Brown, MS, CHT and Jennifer J Stewart, PhD

The transfer of assays from the originating laboratory to a chosen site to perform the testing for preclinical studies or clinical trials is a complicated endeavor with many variables to consider. Flow cytometry assays can be the most challenging of all analytical assays to transfer due to the variety of sample collection conditions, shipping/storage conditions and processing methods. Therefore, when working in a multiple instrument, multiple platform, and/or multiple site environment, it is important that an attempt is made to standardize as many variables as possible. For instrumentation, this includes information on initial instrument set up, daily quality control and monitoring of instrument performance parameters so that data may be compared directly. For standardizing procedures and re-

agents, specific antibody clones, incubation times, temperature, and other environmental conditions all combine to affect the cellular populations that we are attempting to measure.

At FCS Laboratory, we are now lending our expertise with the aforementioned challenges to assist with managing and standardizing flow cytometry portions of studies being conducted at outside sites. A flow chart schematic of how we are implementing this new service is available on our website by following the QR Code to the right.



FCS Laboratory Second Quarter 2013 Updates

*We are excited to announce the addition of a BD FACSCantoII™ flow cytometer. This second instrument is fully validated and released into production and will allow us to double our throughput and capacity.

*We will be exhibiting at the 2013 PAN-WAT Regional Conference on September 19-20 2013 at the Amgen campus in Seattle, WA.

Summer Fun in Washington

- * The world famous Seafair weekend is Aug 3rd—4th. This festival features air shows, boat exhibits, various races and ...Pirates! Visit www.seafair.com for more info.



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We're on the Web!

Check us out at these locations.

