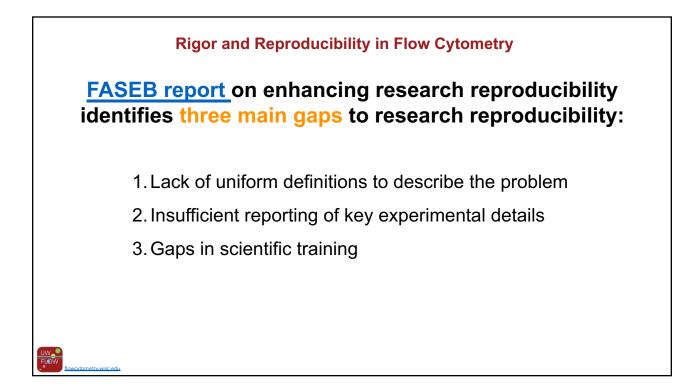
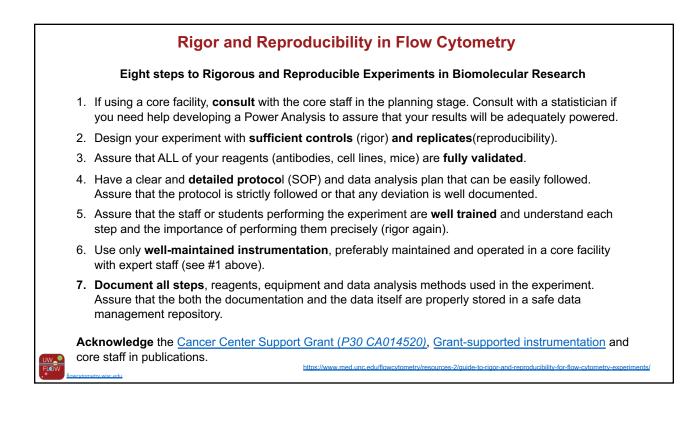
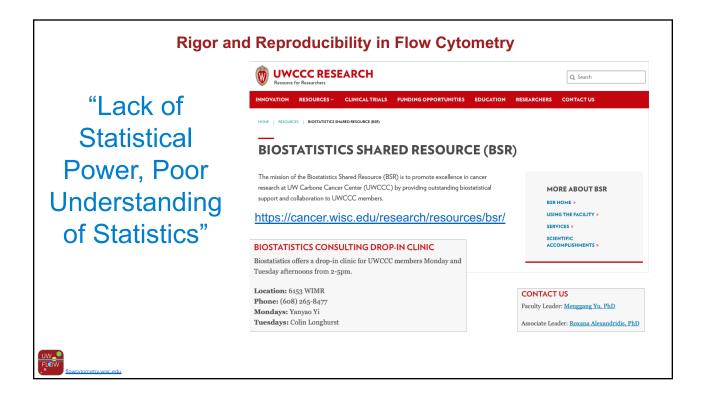
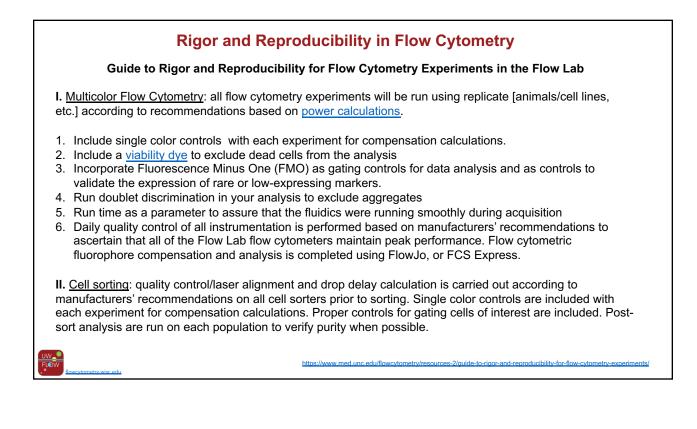


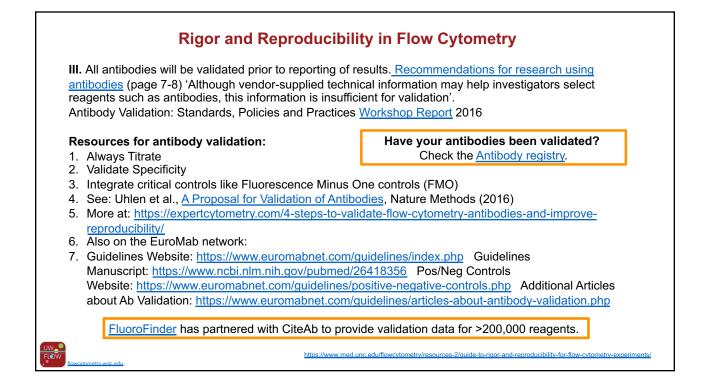
<u>Uni</u>	versity of North Carolin Flow Cytometry (
UNC SCHOOL of MEDICINE		Accessibility UNC Chapel Hill UNC Health Care Legin
Department of Microbiology an Flow Cytometry		SearchQ.
# Instrumentation - Co	re Access & Scheduling - Services, Poli	cies & Rates - Resources - Contact Us -
Home / Resources / Guide to Rigor and Rep	producibility for Flow Cytometry Experiments	
Resources Protocols	Guide to Rigor and F Cytometry Experime	Reproducibility for Flow ents
Useful Links	You may use this as a template for wording in your grants and publications to address Rigor and Reproducibility for your Flow Cytometry Experiments run in the UNC Flow Cytometry Core Facility.	
Acquisition Information		
Sorting Information		
Publication Acknowledgements	Eight steps to Rigorous and	Reproducible Experiments in Biomolecular

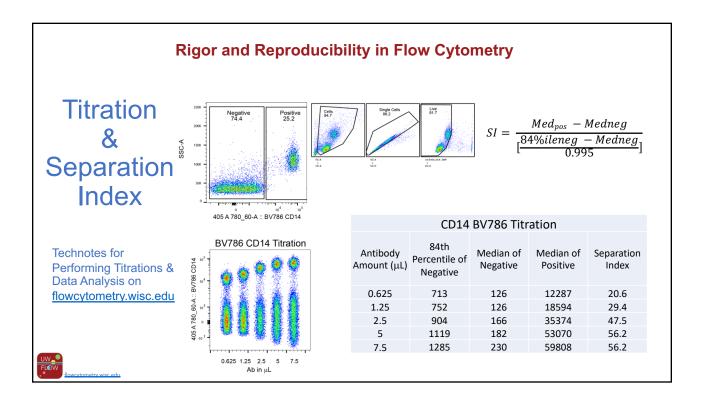


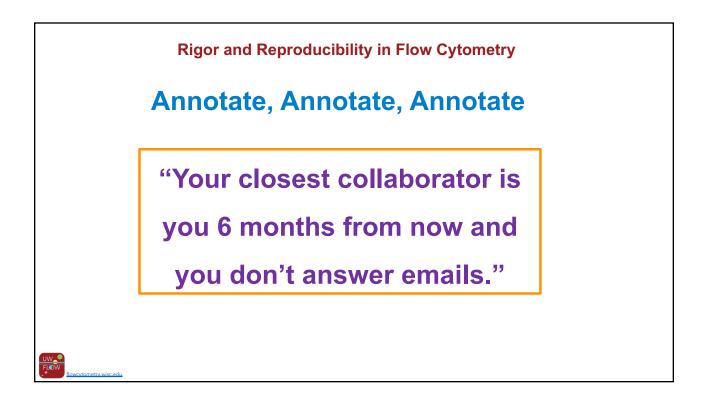


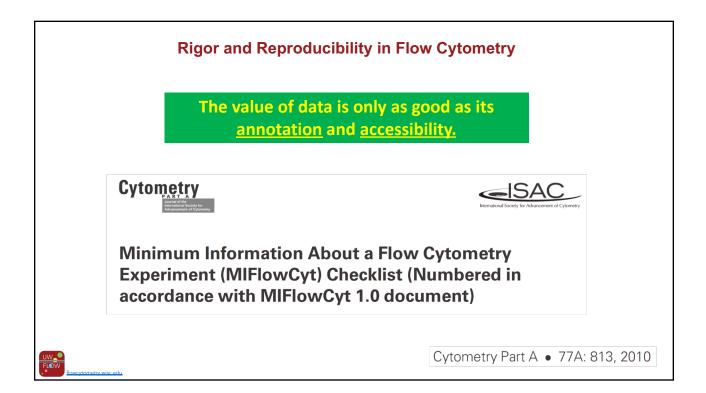












Rigo	or and Reproducibility in Flow Cytometry
MIFlowCyt	1. Experiment Overview 1.1. Purpose 1.2. Keywords 1.3. Experiment Variables 1.4. Organization (name and address) 1.5. Primary Contact (name and email address) 1.6. Date (or time period) 1.7. Conclusions (if applicable) 1.8. Quality Control Measures
SAC	 Flow Sample and Specimen Details Sample/Specimen Material Description (include description, type, source, source treatment, taxonomy, age, gender, phenotype, genotype as applicable for biological samples; description and location for environmental samples) Sample Treatment(s) Description Fluorescence Reagent(s) Description (include characteristic(s) being measured, analyte detectors, analyte reporters, clone names/numbers, manufacturer, catalogue numbers as applicable)
International Society for Advancement of Cytometry	 Instrument Details Instrument Manufacturer Instrument Model Instrument Configuration and Settings (provide acquisition settings including detector voltages and describe all custom alterations of the instrument if applicable; include installation dates of optical filters)
	 Data Analysis Details (<i>if data analysis has been performed</i>) List-mode Data File (specify location of original list-mode file, for example supplementary material, URL, website) Compensation Details (describe how multicolor compensation was performed by including antibodies, cells, or beads used) Jata Transformation Details (purpose and description if any transformation of the raw measurement has been performed, including various scales for visualization and gating purpose) Gating (Data Filtering) Details (include description of all gates, percentage of events inside, and either mathematical descriptions of each gate boundary or appropriate project or workspace file); description of the algorithm by which gates were created (for example, subjective, based on FMO (how?), same gate for all analyses, etc.)
UW FLOW	 Data Presentation Requirements 1. Axes legends (antibody and dye; linear- or logarithmic-scaled axes) 2. Graphical example for full gating strategy 3. Positive/negative control or FMO

