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International Society for the Advancement of Cytometry Cell Sorter Biosafety Standards

Kevin L. Holmes,[1]* Benjamin Fontes,[2] Philip Hogarth,[3] Richard Konz,[4] Simon Monard,[5] Charles H. Pletcher Jr.,[6] Robert B. Wadley,[7] Ingrid Schmid,[8] Stephen P. Perfetto[9]

Revision #02; 01/23/2019

Page 8, Updated Appendix with the following Appendix as listed in;

Perfetto, S. P., et al. "Novel Impactor and Microsphere-Based Assay Used to Measure Containment of Aerosols Generated in a Flow Cytometer Cell Sorter." Cytometry A. 2018 Dec 18. doi: 10.1002/cyto.a.23680

APPENDIX: STANDARD OPERATING PROCEDURE:
AEROSOL CONTAINMENT MEASUREMENT

Revision #01; 05/05/2014

Page 437, Table 1, footnote d: Replace "Enclosure of the cell sorter within a certified (see Section 3.1.1.2) Class II BSC may abrogate the need to house the sorter in a separate room within the BSL2 lab space;" with the following:

"Enclosure of the sorter within a certified (see Section 3.1.1.2) primary containment device (such as a Class I or Class II BSC) may abrogate the need to house the sorter in a separate room within the BSL2 lab space;"

Page 437, Table 1, footnote e: Replace "Enclosure of cell sorter within a certified (see Section 3.1.1.2) Class II BSC is required" with the following:

"Cell Sorter must be located within a certified (see Section 3.1.1.2) BSC or equivalent containment device. Enclosure in a Class II BSC is recommended; see Section 2.3.2."

Page 444, Section 2.2.2: Replace "If the cell sorter is enclosed within a certified[1] Class II BSC, the requirement for placement of the cell sorter in a separate room may be abrogated, dependent upon the overall risk assessment" with the following:

"If the cell sorter is enclosed within a certified[1] primary containment device (such as a Class I or Class II BSC), the requirement for placement of the cell sorter in a separate room may be abrogated, dependent upon the overall risk assessment."