BD Life Sciences

BD FACSDiscover™ S8 Cell Sorter - See what you sort and sort what you see with BD CellView™ and BD SpectralFX™ Technologies

Speaker:

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Abstract:

The BD FACSDiscover™ S8 Cell Sorter expands the power of cell analysis and sorting to new dimensions by combining spectral flow cytometry with real-time spatial and morphological insights - empowering scientists to address previously impossible-to-answer questions. The BD CellView™ Image Technology is a novel high-speed imaging technology that facilitates analysis and sorting through real-time integration of image and flow data. Image detectors, detecting fluorescence, scatter and light loss signals, allow visualization and real-time analysis of image features at high speed. BD SpectralFX™ Technology combines full-spectrum optics, next-gen QC and system-aware spectral unmixing that manages spread by adapting to instrument performance and sample conditions in real-time. Combine 78 fluorescent detectors across five lasers with algorithmically optimized bandpass filters for high-parameter analysis to reveal biological information.

The presentation will cover this new technology and how it can support new flow cytometry applications and provide new insights to address biological questions.