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BD launches world's first Spectral Cell Sorter with high-speed cell imaging

19 July 2023 | News

BD FACSDiscoverâ?¢ S8 Cell Sorter enables scientists in India and across the globe to gain new and more accurate insights on cell populations



American firm BD (Becton, Dickinson, and Company) has announced the worldwide commercial launch of a new-to-world cell sorting instrument, the BD FACSDiscover S8. It features two breakthrough technologies namely BD Cell View™ Image Technology and the BD SpectralFX™ Technology, that enable researchers to uncover more detailed information about cells that was previously invisible in traditional flow cytometry experiments.

Recognising India's significance as a crucial market for healthcare research and development, the S8 Cell Sorter will provide immense benefit to research, biopharma, and biotech laboratories worldwide. This advancement has far-reaching applications, significantly disrupting the specialised areas such as gene therapies, cancer immunology, stem cell research, and numerous other domains.

By introducing these advancements, the BD FACSDiscover™ S8 Cell Sorter holds the potential to reshape research practices and propel the progress of cell-based therapeutic development.

The introduction of BD Cell View™ Image Technology will revolutionise cell research in India and around the world, providing researchers with the ability to observe intricate microscopic images of individual cells and promptly validate their findings. Additionally, the implementation of BD SpectralFX™ Technology amplifies the cell sorting process by introducing a modular optical architecture and system-aware algorithms.

The BD FACSDiscover™ S8 Cell Sorter has been featured at the CYTO 2023 conference, May 20-24 in Montréal, and is now available to order globally.