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BD India installs first spectral cell sorter with high-speed cell imaging at IIT-Jodhpur

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To gain new and more accurate insights on cell populations and characteristics in a streamlined experimental workflow



To celebrate the inauguration of its first image enabled high-speed spectral flow cytometry sorting facility in South Asia, BD Life Sciences-Biosciences, a segment of BD (Becton Dickinson and Company) in association with Indian Institute of Technology Jodhpur (IIT-Jodhpur) conducted a scientific exchange event recently at IIT Jodhpur.

BD FACSDiscover™ S8 Cell Sorter with BD CellView™ Image Technology and BD SpectralFX™ Technology, is the first spectral flow cytometer sorter with sort capable image analysis. The BD FACSDiscover S8 has the potential to reshape research practices in the country as it brings applications in the areas such as gene therapy, cancer immunology, stem cell research etc. and many other areas of research in biology.

BD FACSDiscover™ S8 Cell Sorter combines flow cytometry data with spatial and morphological insights to obtain detailed information about cells that was previously invisible in traditional flow cytometry experiments. The technology enables answering complex biological questions, such as how cells grow, function and interact, or to study exact locations of viruses or proteins within a cell, all at a highly accelerated pace.

Puneet Talwar, Business Director- India/ South Asia, BD Lifesciences - Biosciences said, "BD FACSDiscover™ S8 is a revolutionary innovation in the field of Flow cytometry. This innovative technology will provide real time imaging and spectral sorting capabilities to scientific fraternity in India, which will enable them to transcend newer boundaries of research. IIT-Jodhpur has taken a pioneering step to get the first BD BD FACSDiscover™ S8 in South Asia installed in their FACS Facility. We eagerly look forward to providing this landmark technology to other well-known research Institutes of India soon."