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The resurgence of interest in high-resolution evaluation of single-cell properties has led to examining where current technology stands at the beginning of a new millennium. Engineers and scientists have produced significant advances in cytometric technologies in just the past few years. Emerging Tools for Single-Cell Analysis: Advances in Optical Measurement Technologies stresses the applications and theories behind some of these advances in cell measurement and cell-sorting technologies. Rapid assessment of the proper function of cells and molecular processes within cells is

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