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COVER

Flow cytometer. Fluorescence from biological cells within fluid stream (vertical column) is measured at intersection of laser beam (horizontal blue line). The fluid stream is broken into uniform droplets; droplets containing cells of interest are electrostatically charged, sorting the cells of interest out of the main population (50,000 cells per minute). See page 149. [Joseph Balbuza, Coulter Electronics, Inc., Hialeah, Florida]