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High throughput cell biology is the use of automation equipment with classical cell biology techniques to address biological questions that are otherwise unattainable using conventional methods. It may incorporate techniques from optics, chemistry, biology or image analysis to permit rapid, highly parallel research into how cells function, interact with each other and how pathogens exploit ...DNA sequencing is the process of determining the nucleic acid sequence – the order of nucleotides in DNA. It includes any method or technology that is used to determine the order of the four bases: adenine, guanine, cytosine, and thymine. The advent of rapid DNA sequencing methods has greatly accelerated biological and medical research and discovery. ImageXpress Micro XLS Widefield High-Content Analysis System . The ImageXpress® Widefield system is the ultimate combination of speed and flexibility in a turnkey solution to streamline the research and discovery workflow. ImageXpress Micro Confocal system a high-content imaging, confocal microscopy solutions for both widefield and confocal imaging of fixed and live cells. Learn how the spinning disc confocal and sCMOS camera enable quality imaging of fast and rare events. - High Throughput Analysis For Early Drug Discovery