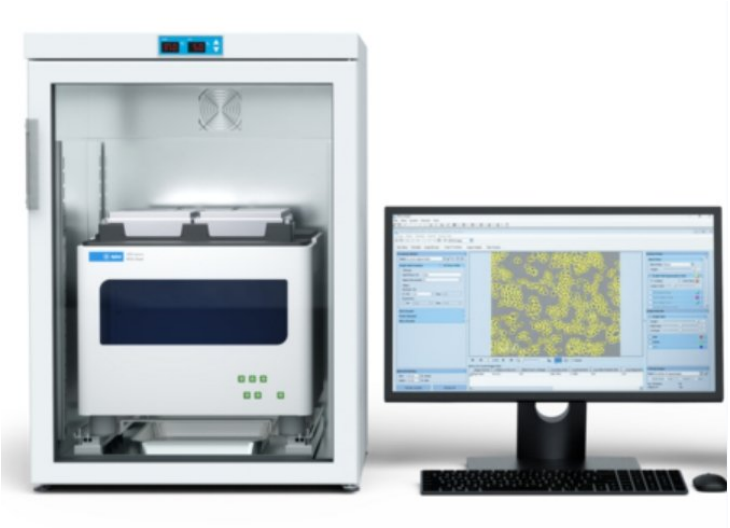
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ASIA EDITION

Agilent launches AI-driven analysis module for Agilent xCELLigence RTCA eSight

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Simplifying label-free imaging analysis for more confident real-time cell analysis



Agilent Technologies Inc. has announced the launch of Agilent xCELLigence RTCA eSight AI, a new AI-powered software module that simplifies label-free imaging analysis by reducing manual cell segmentation steps and parameter tuning and supporting more consistent results.

The software upgrade enhances the unique dual-readout capabilities of the Agilent xCELLigence RTCA eSight instrument with AI-driven cell imaging analysis, enabling researchers to gain imaging and impedance insights from the same cells in the same experiment with greater speed and confidence. This streamlined, integrated approach is expected to provide biopharma researchers with a more complete view of cell behavior while reducing variability across users and conditions.

Traditional cell segmentation workflows rely on time-consuming and subjective manual setup and analysis steps that increase variability, error and rework, slowing experimental timelines while also requiring a higher level of experimental expertise to achieve consistent results.

As biopharma research increasingly demands more complex experiments, higher throughput and greater consistency, integrated workflows are key to efficient scientific progress. AI-driven imaging analysis can help reduce variability across users while decreasing time spent on manual analysis.