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Revvity unveils revolutionary solution for cellular imaging

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Alongside a wide range of solutions unveiled for accelerating drug discovery and development



Revvity, Inc. is set to unveil its groundbreaking new Phenologic.AI software at SLAS2025 in San Diego, January 27-29. Designed to redefine cellular imaging workflows for Revvity's Harmony and Signals Image Artist software packages, the Phenologic.AI software leverages pre-trained deep-learning models to analyze brightfield images, providing an additional multiplexing channel and streamlined workflows for live cell analysis.

This significant advancement expands the possibilities for understanding cellular behaviors and disease mechanisms. The Phenologic.AI offering provides scalable, efficient, and objective analysis and can be integrated with Revvity Signals Research Suite to provide more in-depth data analytics.

Complementing this launch, Revvity will also introduce other notable products, including the latest Harmony 5.3 software, which simplifies data management for high-content imaging and analysis, providing faster and more intuitive data handling.

With 2023 revenue of more than $2.7 billion and over 11,000 employees, Revvity serves customers across pharmaceutical and biotech, diagnostic labs, academia and governments.