Genedata Ready-to-Run

Scale Up Your High Content Analysis with AI-Based Workflows

Genedata and Molecular Devices have partnered to offer a Ready-to-Run integration, which ensures that high content screening (HCS) raw images acquired with Molecular Devices instruments can be directly analyzed in Genedata Imagence®, and HCS results can be loaded into Genedata Screener®. The joint solution offers:

- High-quality, consistent results across plates and experiments
- Complete support of HCS workflows, including image acquisition, automatic feature extraction, phenotype classification, and analysis of results
- Direct integration with MDCStore: automatic import and display of cell- and well-features along with images

We have created seamless connections by providing and maintaining instrument- and software-specific integrations for HCS workflows, saving our common customers time and effort when setting up or expanding their operations.

The Ready-to-Run integration covers:

- ImageXpress® Nano Automated Imaging System*
- ImageXpress® Micro 4 High-Content Imaging System*
- ImageXpress® Micro Confocal High-Content Imaging System*

*via MDCStore™
Single workflow from HCS image acquisition to analysis and results

Molecular Devices’ portfolio of high content imaging systems provides a sensitive, robust automated imaging platform for higher quality images and faster throughput. Such systems feature imaging modes, application modules and options to support a wide range of cell-based assays. To learn more about the different imaging systems, visit www.moleculardevices.com.

Genedata Imagence is an AI-based platform that helps biologists to train a deep neural network to automate feature extraction and phenotype classification in HCS images for unbiased, high-quality results.

Genedata Screener is a comprehensive enterprise solution that analyzes, visualizes, and manages all types of in vitro screening data on a single software platform. Screener manages massive, multi-featured HCS data, and uncovers relevant results with powerful analysis methods.

Genedata Ready-to-Run

Genedata Ready-to-Run provides out-of-the-box integrations for complex screening technologies. The integrations require little to no configuration, are instrument-specific, come with defined functionality, and are maintained by Genedata as part of a software license agreement.

Activate Genedata and Molecular Devices Ready-to-Run integration:

If you would like to add any of the Genedata solutions, write an email to screener@genedata.com or talk to your Genedata scientific account manager directly. If you are interested in Molecular Devices imaging systems contact info@moldev.com.

Genedata Screener® and Genedata Imagence® are part of the Genedata portfolio of advanced software solutions that serve the evolving needs of drug discovery, industrial biotechnology, and other life sciences.