

# 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<sup>®</sup>, and HCS results can be loaded into Genedata Screener<sup>®</sup>. 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<sup>®</sup> Nano Automated Imaging System\*
- ▶ ImageXpress<sup>®</sup> Micro 4 High-Content Imaging System\*
- ▶ ImageXpress<sup>®</sup> 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](http://www.moleculardevices.com).

Genedata Imgence 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](mailto: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](mailto:info@moldev.com).

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

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