

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 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 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 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.

Basel | Boston | London | Munich | San Francisco | Singapore | Tokyo
www.genedata.com | screener@genedata.com

© 2020 Genedata AG. All rights reserved. Genedata Screener and Genedata Imgence are registered trademarks of Genedata AG. All other product and service names mentioned are the trademarks of their respective companies. 07S20

