



ImageXpress Nano Automated Imaging System

BENEFITS

- Automated imaging now within reach of every lab
- The right sensitivity to scale up your microscopy assays
- Acquire, share, and present data – no matter where you are
- Reliability and quality from a leader in high-content imaging

Acquire

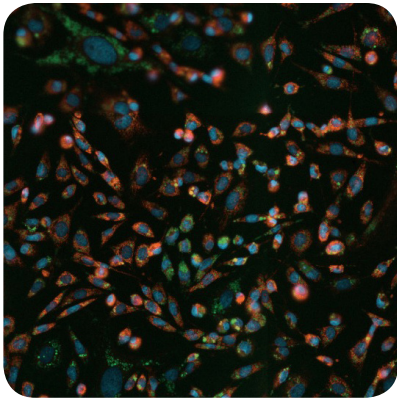
Cost-effective automated microscopy allows researchers to scale up their experiments to multi-slide or microplate-level evaluations. The ImageXpress® Nano Automated Imaging System features a long life, solid state, light engine, and optics to reliably deliver the right assay sensitivity. The user-friendly software interface is easy to learn and provides the ability to remotely configure, run acquisition protocols, and review analysis results.

Analyze

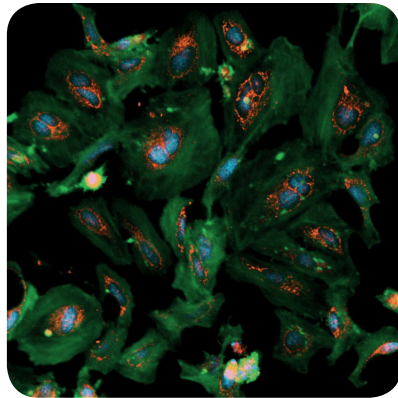
Automatically turn your images into numerical data to drive unbiased assays. CellReporterXpress™ Automated Image Acquisition and Analysis Software includes a range of predefined assay routines to help you evaluate your experiments faster while also allowing you to create and save your own protocols. Simply select or configure your protocol, start acquisition, and view your analysis results as the plate is acquired.

Share and present

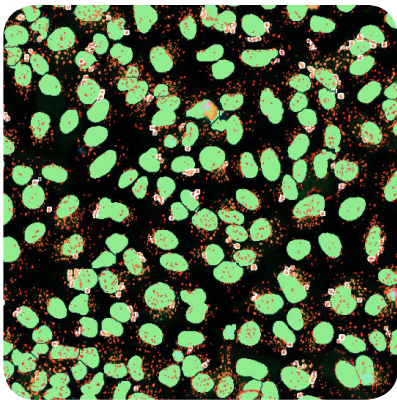
Access your system and data online with the browser-based CellReporterXpress software. Make sharing, presenting, and collaborating with your peers easier with built-in sharing and remote access capabilities.



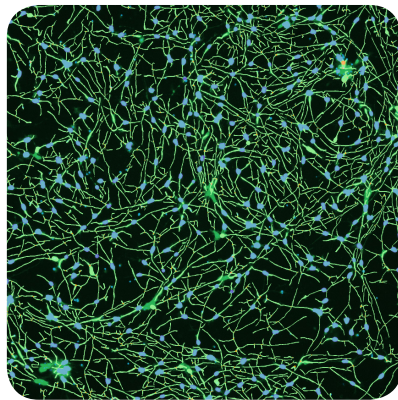
Autophagy



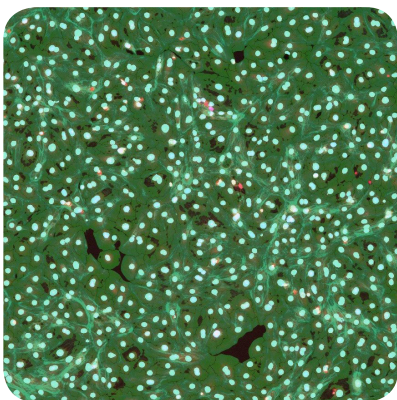
3 color toxicity



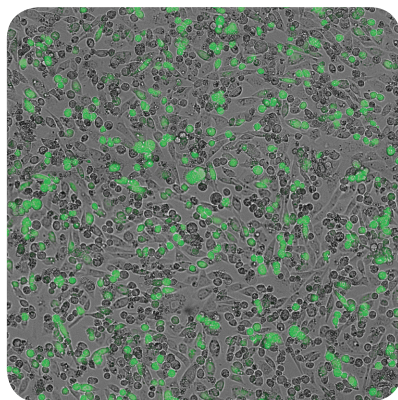
Intracellular vesicle mask



Neurite tracing



Nuclei and cytoplasm mask



Transfection efficiency with overlay

Software features

- Browser-based access
- On-the-fly image analysis
- Icon-driven interface with linear workflow
- Label-free transmitted light cell analysis
- Click to find feature to automatically configure cell analysis parameters
- Intuitive touchscreen compatibility
- Cell gallery
- Parallel processor support
- Customizable heat maps

System features

- Widefield imaging
- Large field of view (A single 4x image captures whole 384 well)
- Solid state light engine with >10,000 hr life span
- Acquire from a variety of multi-well plate formats and large format samples (e.g. slides)
- 4 position software-controlled objective changer
- 5 position software-controlled filter cube changer
- High speed laser autofocus technology
- Fully automated X, Y, and Z stages with resolution better than 100 nm

Options

- Transmitted light for label free brightfield imaging
- Cell incubation (temperature, humidity, CO₂) with environmental control feature
- Desktop computer with pre-installed software
- Objectives: 2x to 60x magnification
- Select from a variety of filter cubes

Contact Us

Phone: [800.635.5577](tel:800.635.5577)
 Web: www.moleculardevices.com
 Email: info@moldev.com

Check our website for a current listing of worldwide distributors



ImageXpress® Nano Automated Imaging System