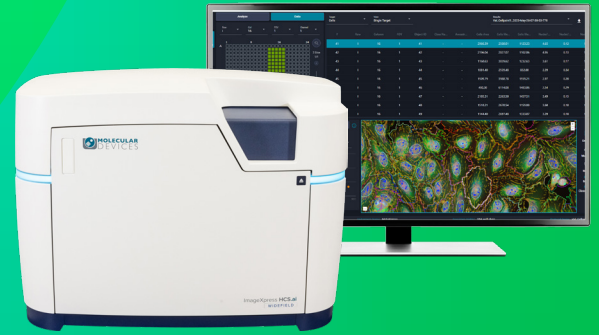


ImageXpress HCS.ai Widefield System

Academic discovery starts here

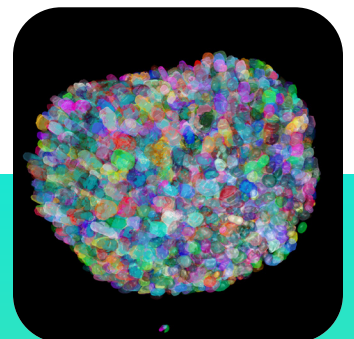
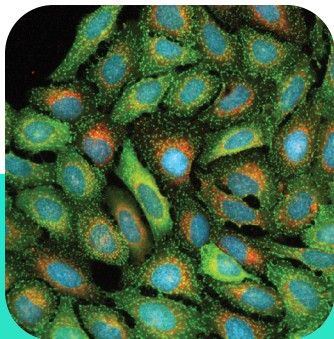


A flexible, grant-aligned entry point into the ImageXpress HCS.ai High-Content Screening Platform

Why Widefield for academic labs?

Academic labs operate under tight budgets, decentralized decision-making, multi-user environments, and rapidly evolving research questions. They require imaging platforms that deliver strong scientific value without overextending limited funding, support a wide range of assay types, and minimize under-utilization risk.

The ImageXpress® HCS.ai Widefield System was designed specifically to address these realities, offering the versatility, accessibility, and AI-enabled insight that academic labs can benefit most.



**One platform.
Maximum versatility.
Zero barriers.**

The ImageXpress HCS.ai Widefield System provides publication quality high-content imaging for labs running multiple diverse projects, with truly adaptable workflows, all at an academic friendly entry point that minimizes underutilization risk and maximizes longterm scientific value.

Key benefits for academic labs



Adaptable workflows for highly variable research

Designed for the dynamic nature of academic research, the ImageXpress HCS.ai Widefield System supports a broad range of assays, biological models, evolving project scopes, and diverse sample types and labware, giving labs the flexibility to explore without limitation.

What this means: **Labs running multiple concurrent projects can rely on one system to support all of them, reducing the need for multiple instruments.**



AI integrated analysis for faster, more insightful results

The ImageXpress HCS.ai Widefield System integrates IN Carta® Image Analysis Software to streamline segmentation and quantification, accurately resolve complex or subtle phenotypes, and empower academic labs to generate deeper biological insights without relying on dedicated bioinformatics support, enabling faster progression from data collection to publication-ready results.

What this means: **AI driven tools dramatically reduce manual interpretation time, letting small labs accelerate their research pace.**



High-content imaging that fits academic funding cycles

For individual academic labs navigating grant timelines and budget constraints, the system delivers accessible high-content imaging that fits within funding realities today, while providing a modular, upgradeable path to the ImageXpress HCS.ai Confocal System as your research expands.

What this means: **Labs can make purchase decisions more easily when performance, upgradeability, and cost align with grant expectations.**



Built for multi-user, collaborative environments

In a collaborative lab environment where PIs, postdocs, students, and technicians all rely on shared equipment, the system makes onboarding straightforward with intuitive acquisition software, maintains consistent data quality across users, and supports efficient shared access so your research stays on track.

What this means: **Labs with rotating users can all get reliable, publication-quality results without constant supervision. Intuitive software shortens training time, consistent output reduces user-to-user variability, and smoother shared-instrument usage means fewer bottlenecks and higher overall lab productivity.**



Experience high-content imaging built for evolving academic research.
Request a workflow consultation or virtual demo today.

Contact Us

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Email: info@moldev.com

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