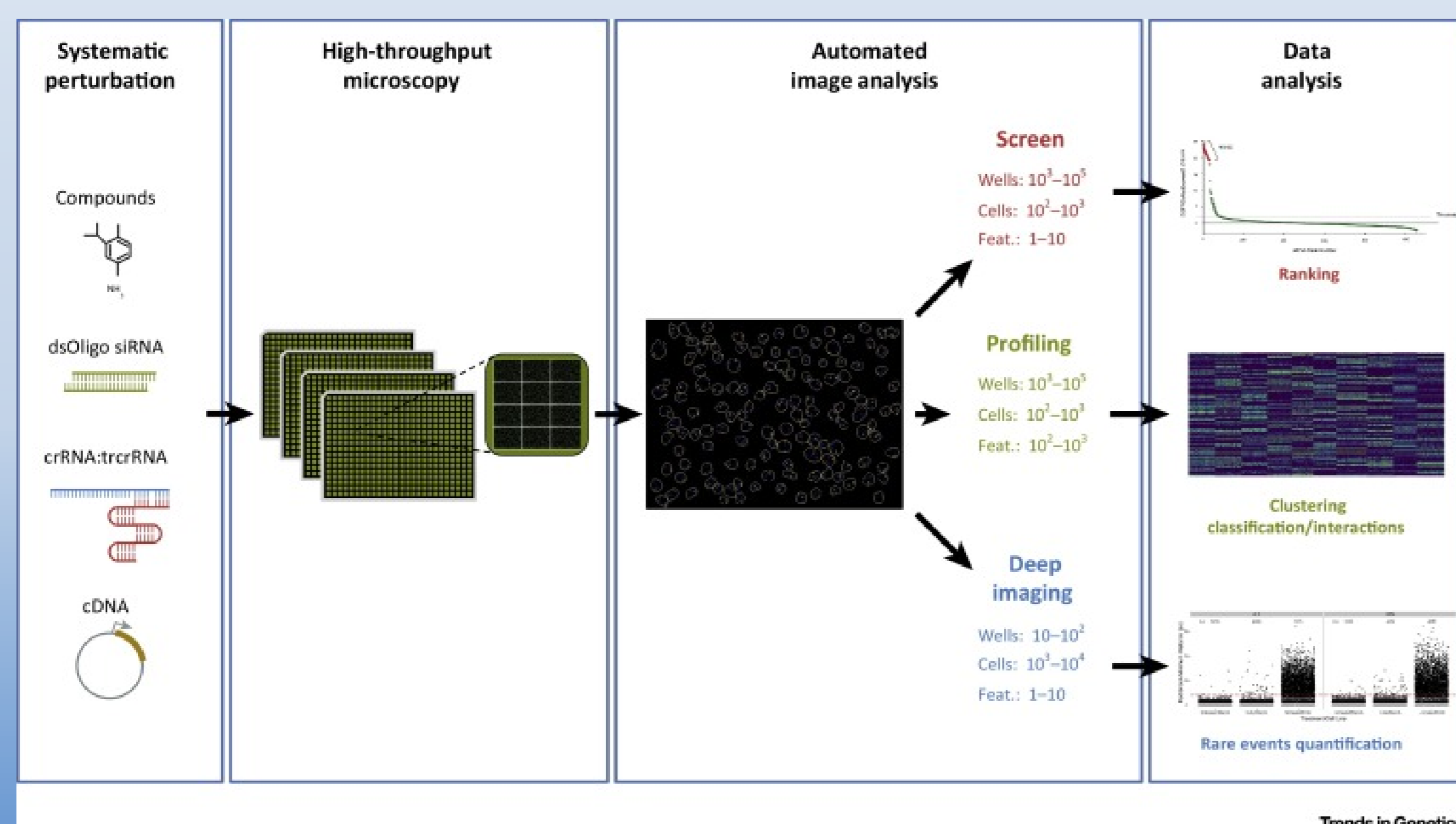


## ABSTRACT

Operetta CLS high-content analysis system provides you the solution to monitor and evaluate your samples deeply. The instrument supports research from everyday assays to more demanding applications. It delivers a balance of flexible excitation, optics, and advanced software features to enable you to gain deeper biological insight from all your critical applications.



## MAIN CHARACTERISTICS

Up to eight high-power excitation sources and user-accessible emission filters enable maximum flexibility of fluorescent stains and labels, plus the system features widefield and spinning-disk fluorescent imaging.

### Requirements:

- ✓ Subcellular structures
- ✓ Nanoscale protein distribution
- ✓ Interaction and dynamics
- ✓ High-content informations

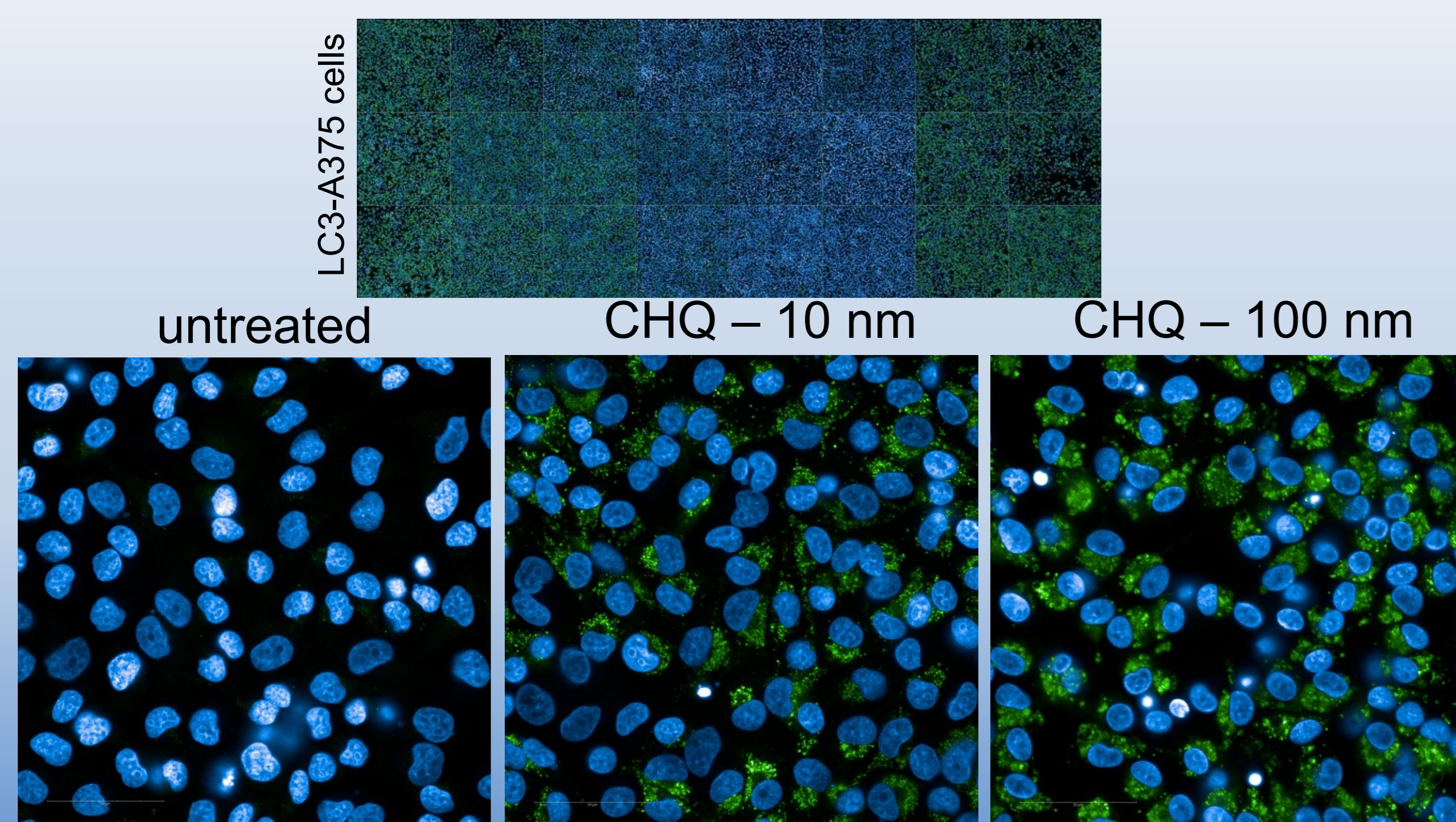
### Features:

- ✓ Live imaging in confocal
- ✓ Automatic IC/EC50 calculation
- ✓ 3D volumetric imaging
- ✓ FRET

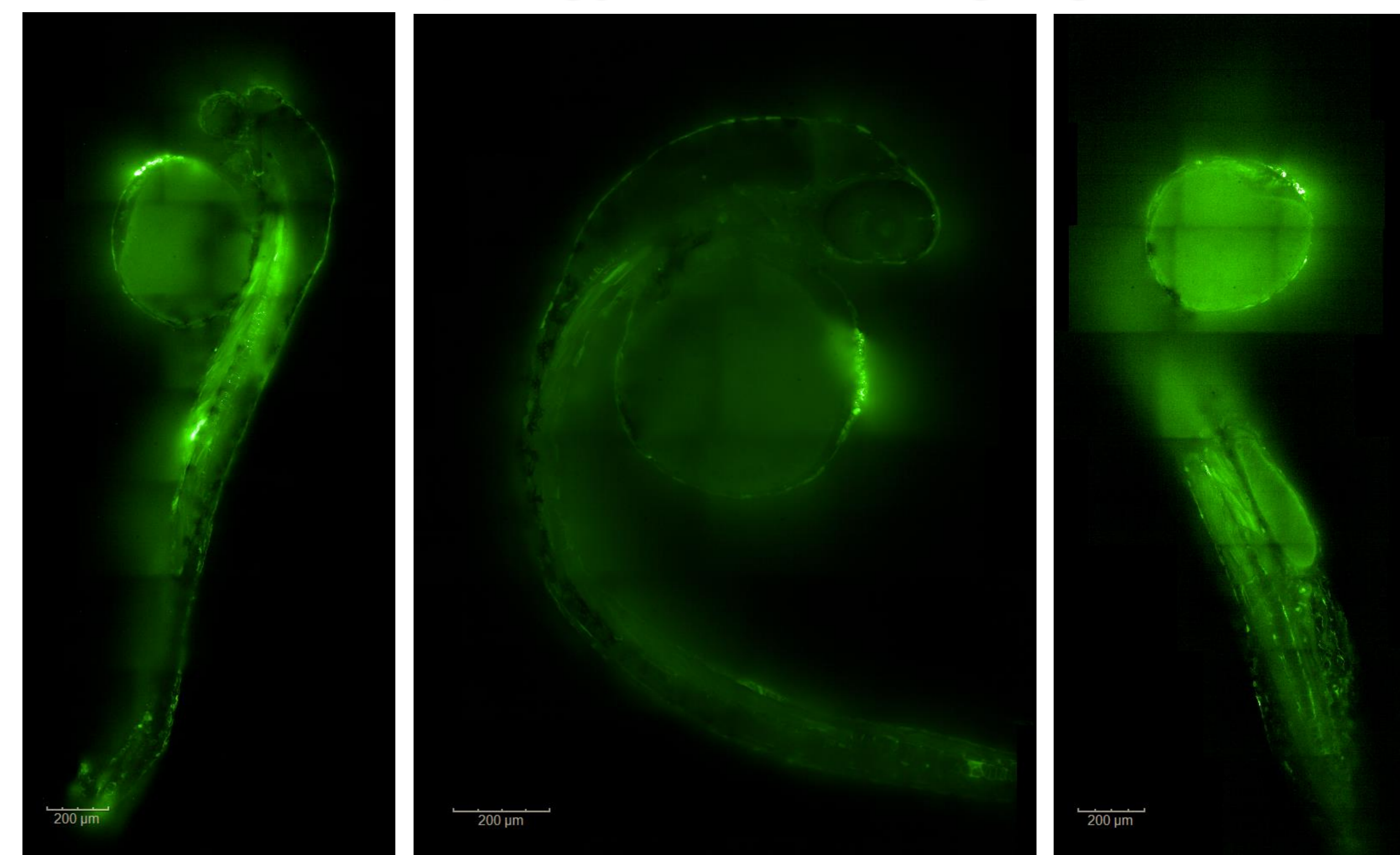


## High-Content screening of autophagy-interacting drugs

Thousands of compounds with hundreds of fields can be analyzed in few hours



## Autophagy in live imaging

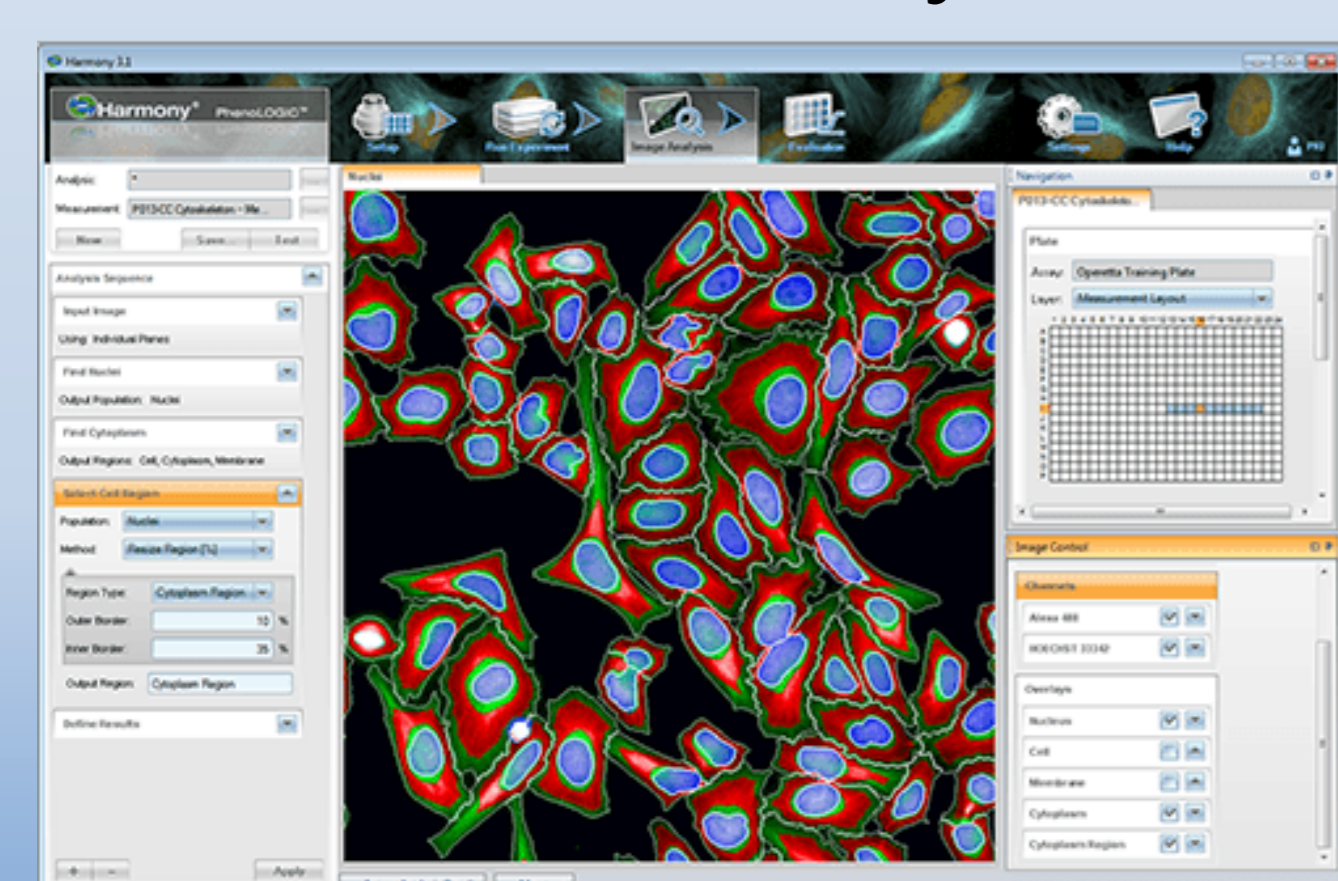


Operetta CLS can 3D reconstruct zebrafish embryos and find every embryo automatically in the well.

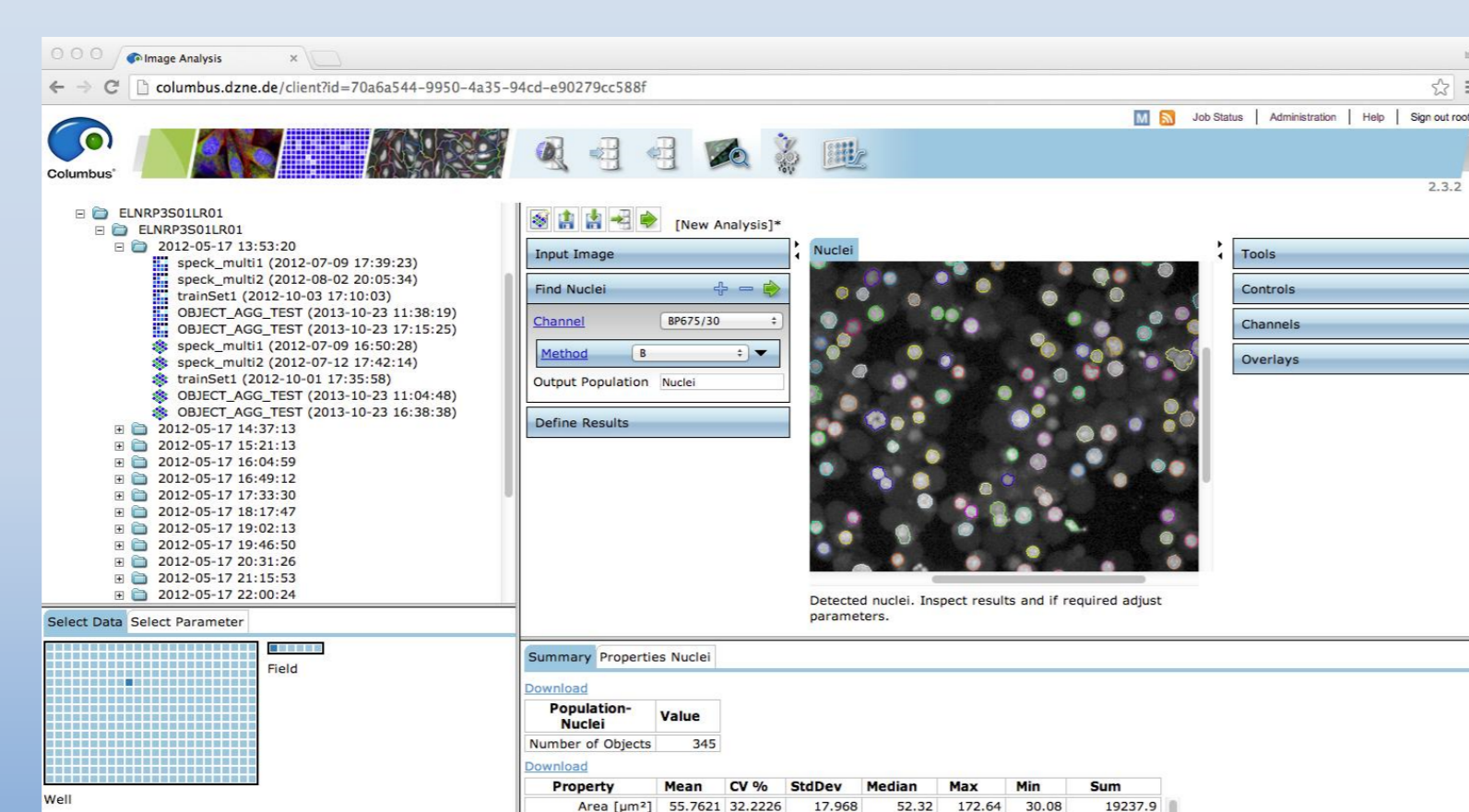
## Data analyses and reproducibility

The Operetta CLS combines high resolution imaging with advanced software tools to help create robust phenotypic fingerprints of the subtle differences at the core of successful phenotypic assays.

### Harmony



### Columbus



## How much does it cost

### University of Pisa

€  
1€/well

### Other Universities

€€  
2€/well

### Companies

€€€  
4€/well

## How to ask for acquisitions

Contact us: [michele.lai@unipi.it](mailto:michele.lai@unipi.it)

