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EVIDENT OLYMPUS

Using AI based cellular analysis

From simple monitoring of cell cultures to detailed quantitative analyses

WHEN YOU WANT TO:

- Improve quality control and consistency between researchers
- Study long term assays on factors like migration, proliferation and cell death
- Determine optimal culturing conditions
- Validate and document cell growth

USE A CELL CULTURE MONITORING SYSTEM

It fits in your incubator to collect simple data over long periods of time

AI analysis training is easy and intuitive

Draw on your images to teach the software what is a cell and what is not

The software's AI based algorithm learns to identify cells with guidance from your annotation

Get the data you need to improve your cell culture process

Cell count

Colony count

Cell confluency

Analyses ready for action

Intuitive charts let you easily compare between conditions

Receive notifications when your cells are ready for passage

WHEN YOU WANT TO:

- Compare protocols for cell differentiation
- Identify cell populations with the biomarkers you need to predict success
- Perform large-scale clonal analyses of iPSCs or other cultures

USE A HIGH-CONTENT SCREENING SYSTEM

Gather detailed data about your cells over an almost infinite number of factors

Powerful AI analysis lets you train the software to identify any visual factor or combination of factors

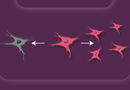
Thresholding tools to segment cells, proteins and morphological features

Get measurable data on any image based factor

- Cell morphology

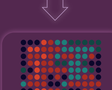
- Protein localization, colocalization and quantity

- Cellular kinetics

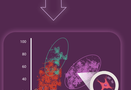


Detailed quantitative analyses let you screen hundreds of conditions simultaneously

Scatterplots and histograms allow you to view and identify cell populations



Heatmaps enable you to quicky identify successful cell lines or conditions



View the corresponding cell for every data point

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