EVE ANALYTICS

A groundbreaking solution for unbiased, non-invasive, continuous analysis, and quantification of Nanolive live cell data.
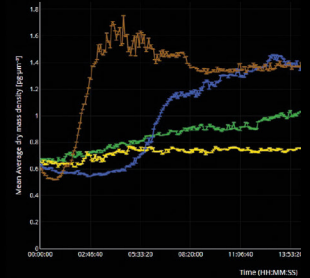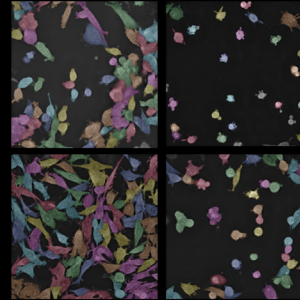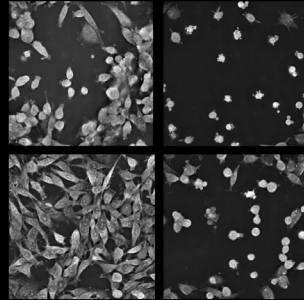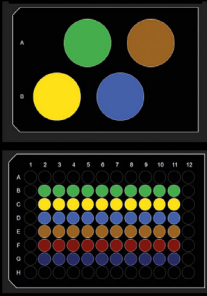
INCREASE BIOLOGICAL RELEVANCE AND SIMPLIFY YOUR DISCOVERY WORKFLOW

**Set-up experiment** ➤ **Image acquisition** ➤ **Cell segmentation** ➤ **Data analysis**

- Simple, easy to use GUI
- Multiple imaging modes
- 96-well plate and 4-dish compatible

- Label-free, multiplexed imaging
- Multiple treatments in parallel
- Visualize results in real time

- High-precision and robustness
- Reproducible results
- Eliminate human bias

- Multi-parametric output
- Fully quantitative
- Measure dynamics and kinetics

The EVE Analytics user-friendly solution comes in addition to Nanolive's automated platform, the CX-A to help you maximize the biological relevance of your data whilst shortening and simplifying your experimental workflow.

REDISCOVER YOUR CELLS WITH EVE ANALYTICS' UNIQUE, ROBUST, AND HIGH-PRECISION SEGMENTATION TECHNIQUE
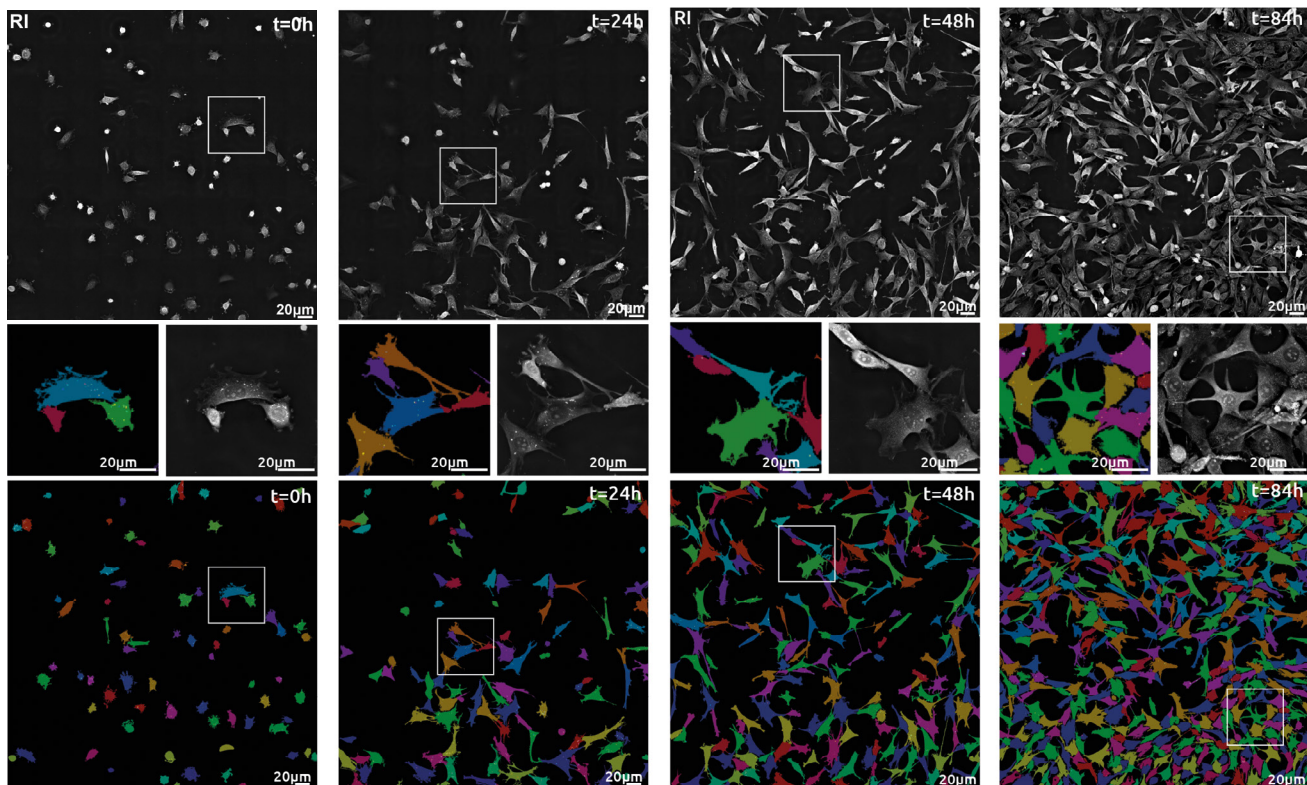
Thanks to EVE Analytics we can now offer precise cell segmentation of living cells for virtually unlimited periods of time.
EVE Analytics can segment numerous single cells over thousands of images with no change in quality, regardless of the level of cell crowding or confluence in the image.

ANALYZE YOUR CELL RESPONSES IN REAL TIME AND DON'T MISS A THING
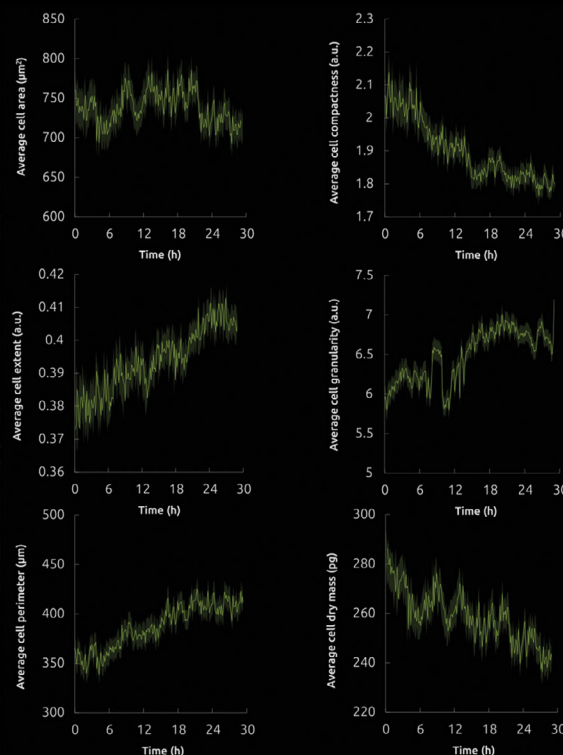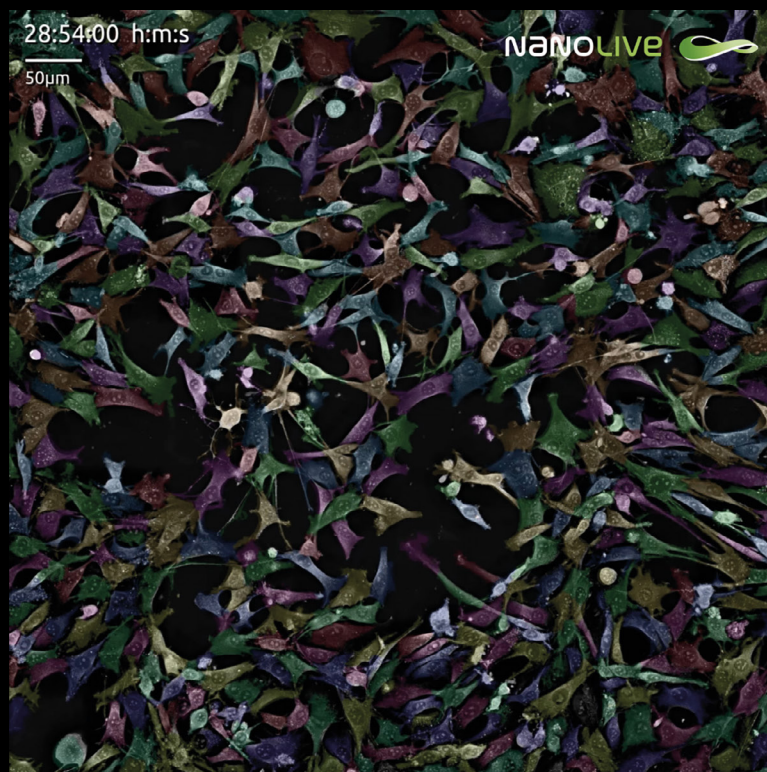
Unbiased, automated live cell analysis with EVE Analytics increases data relevance and captures transient effects that would otherwise be missed.

AUTOMATICALLY EXTRACT CONTINUOUS, MULTIPLEXED, MULTI-PARAMETRIC DATA

Nanolive's continuous, multiplexed, multi-parametric data accurately delivers simultaneous analysis of cell morphology, composition, and population dynamics of living cells over long periods of time from seconds to weeks.
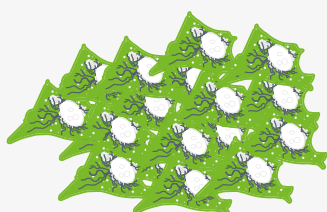

Cell morphology
- Area
- Perimeter
- Compactness
- Extent
- Eccentricity
- Form factor (circularity)

Cell composition
- Mean Refractive Index
- Dry mass
- Mean dry mass density
- Granularity

Cell populations
- Cell count
- Confluency
- Total dry mass

EVE Analytics allows you to rapidly visualize all twelve metrics in its user interface and to export the images as maximum intensity projections with or without segmentation masks overlaid as tiff files. Furthermore, the data for every cell at every time point, is exported in a practical .csv format.