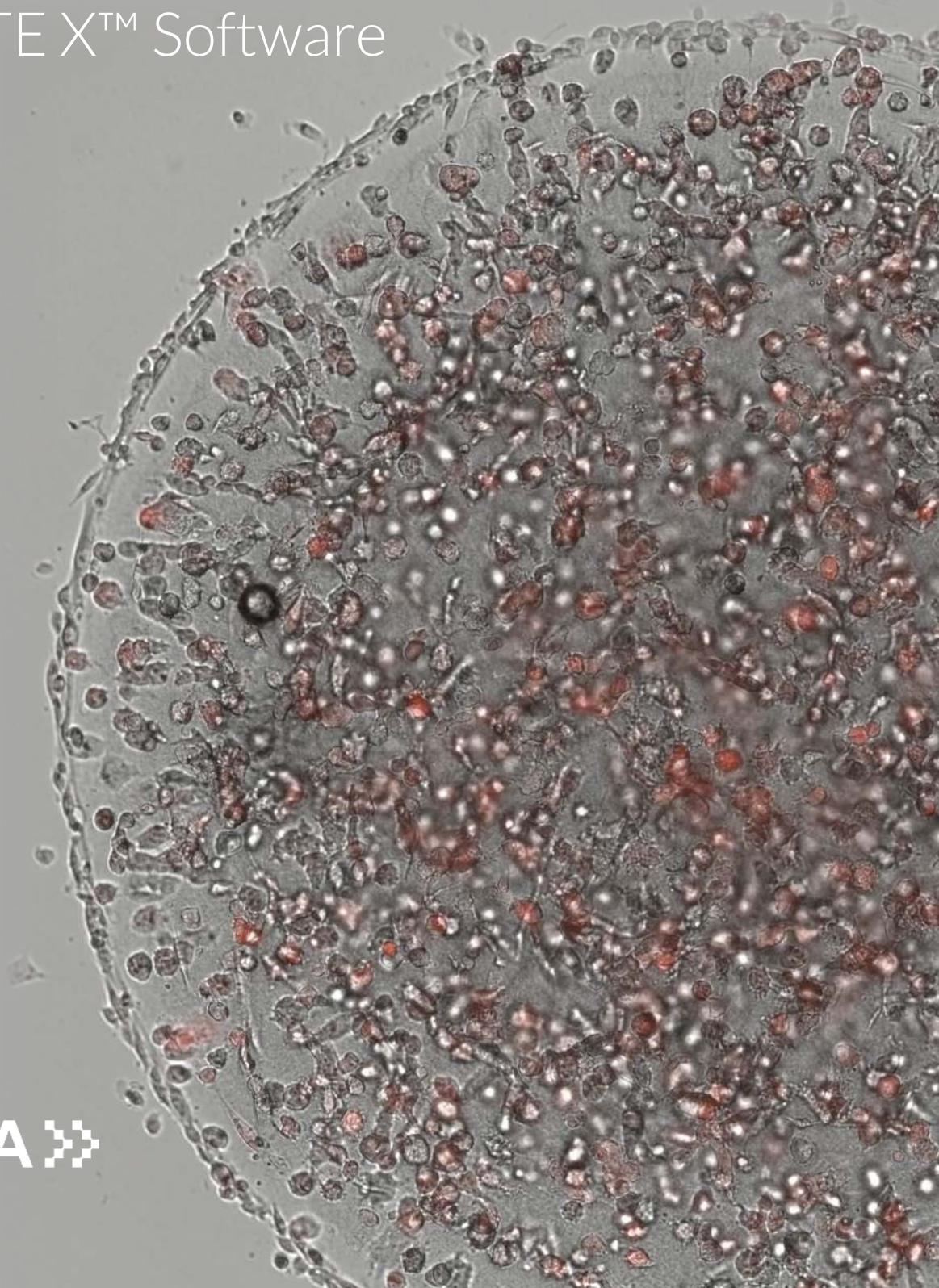


Real-time Analysis of Spheroid Assays

CELLCYTE X™ Software



CYTENA 
A BICO COMPANY

Introducing Our New Spheroid Module Software for the CELLCYTE X™

Spheroid Module

How the new CELLCYTE X™ spheroid application module can make a difference in your lab



1

Streamlined workflow to monitor the spheroid formation process inside your incubator

2

Ensures autofocus at every timepoint for long-term live cell studies

3

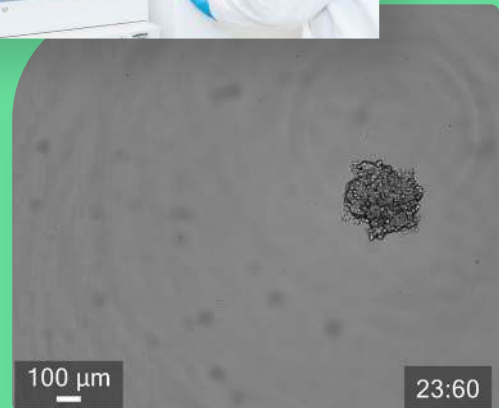
Powerful analysis algorithm for accurate spheroid masking and tracking

4

Diverse analysis metrics supporting a wide range of spheroid assays

5

Maximize throughput and reproducibility by running up to 6 plates in a 96-well plate format



Are you looking for reproducible and reliable results during the formation of 3D spheroids?

Our new spheroid module software collects robust data while analyzing biological effects and complex 3D structures during high-throughput workflows. Now, you can observe spheroids inside the incubator and analyze in real-time with our new CELLCYTE X™ software.

Easily autofocus your sample at every timepoint for hours, days, or weeks depending on your application. Rapidly mask and track cells by utilizing our powerful analysis algorithm and choose from a diverse array of analysis metrics to further characterize your data. Whether you're running 6 or 96-well plates, you now have the ability to maximize your spheroid workflows with confidence and efficiency.



Spheroid Assay Workflow Simplified



Spheroid formation



Live Spheroid Monitoring



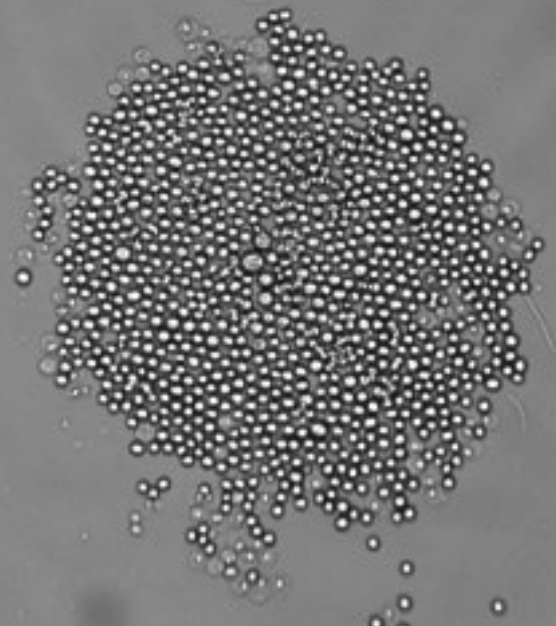
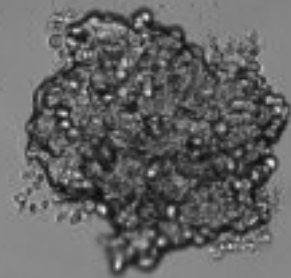
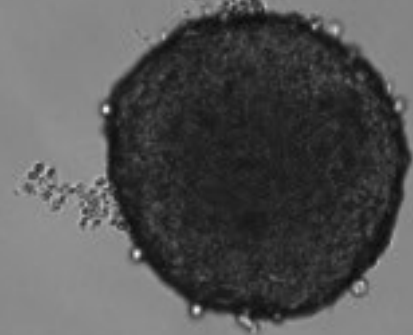
Real-time Analysis

We now offer the capability to investigate spheroid samples within your own protocol while extracting high resolution images and movies. Analyze in brightfield, fluorescence, or both with the click of a button and the program will automatically graph the datapoints over time. From experiment to experiment, we've got you covered for any application or workflow needs.

Optimized Autofocus for Reliable Image Acquisition

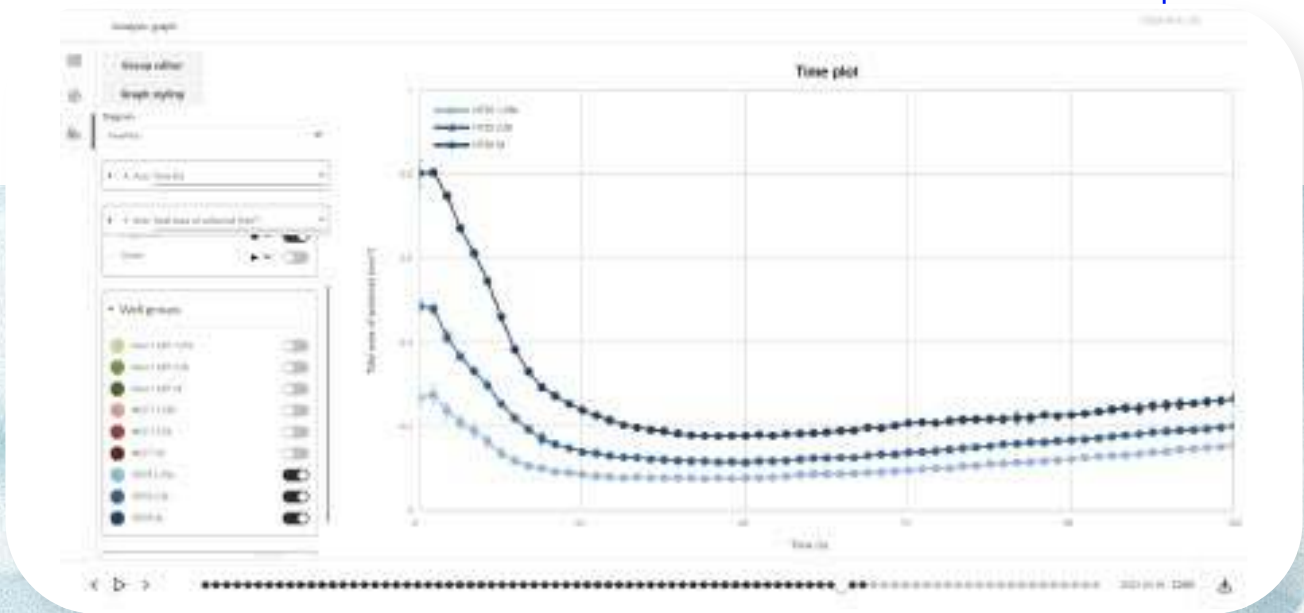
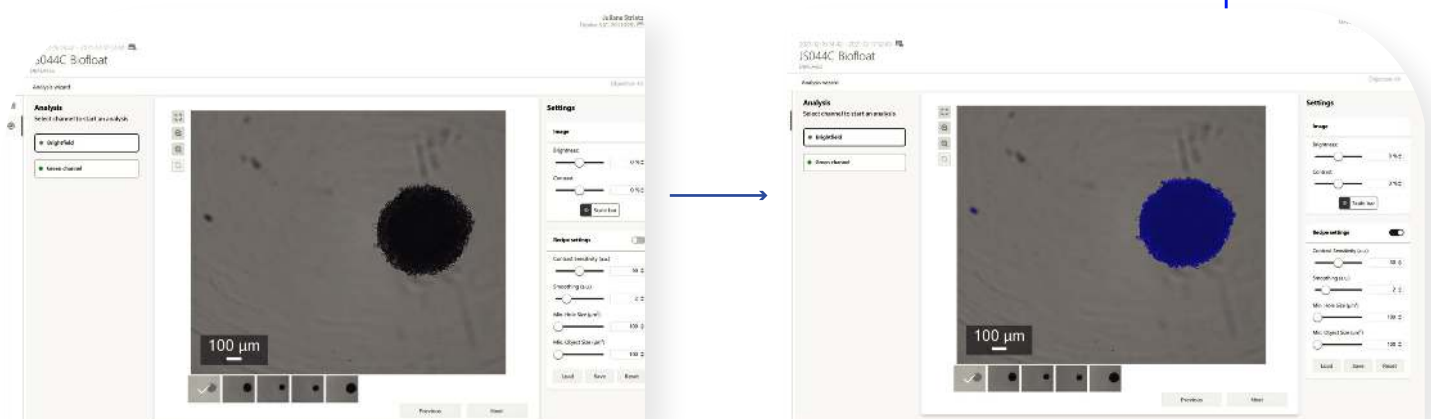
Boost image acquisition speed and reduce the time needed to complete experiments with our newly developed autofocus feature.

It allows for high-throughput analysis without compromising data quality or reproducibility. This feature also ensures consistent image capturing of spheroid formations over extended periods of time from days up to weeks. Effortlessly maximize data output with up to six plates without missing a timepoint.

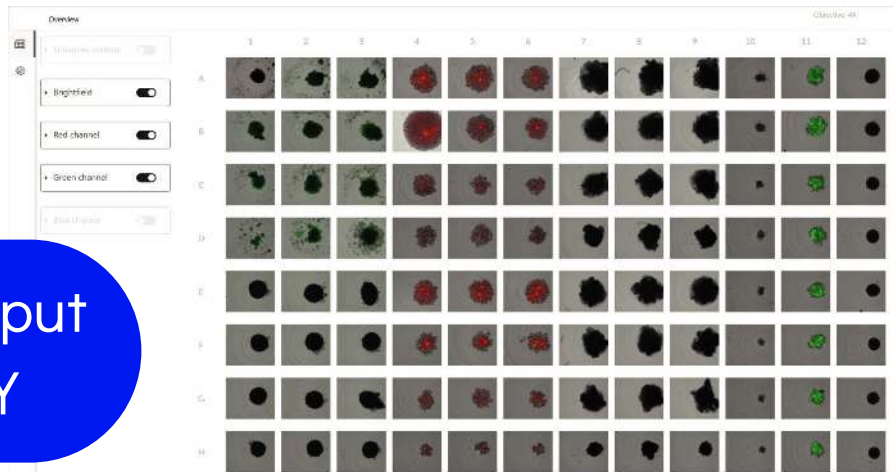


Robust Real-Time Spheroid Analysis

Our software enables you to run data analysis in tandem with image acquisition for maximum time savings. With our analysis algorithm, you can accurately analyze spheroids by applying various setting options such as sensitivity and size exclusion to optimize masking and tracking over time. These features permit you to confidently characterize spheroids and monitor formation, growth, and health to observe biological effects accurately.



Maximize Throughput and Reproducibility



Whether you are testing 6 or 96-well plates, we have an integrated solution for you. During high throughput studies, you can monitor live cells while recording multiple channels simultaneously between 6 different plates. Experience robust reproducibility with our autofocus feature and imaging capabilities at the same position, conditions, and all timepoints – every time. Mitigate the risk of compromised data integrity during high throughput studies by choosing our software today.

With the ability to standardize your spheroid workflows with the click of a button, the CELLCYTE X solution yields reproducible and reliable results consistently. Collect, graph, and assess spheroid assay data with confidence using the CELLCYTE X software today. Contact your local sales representative for quoting details.



REQUEST A QUOTE