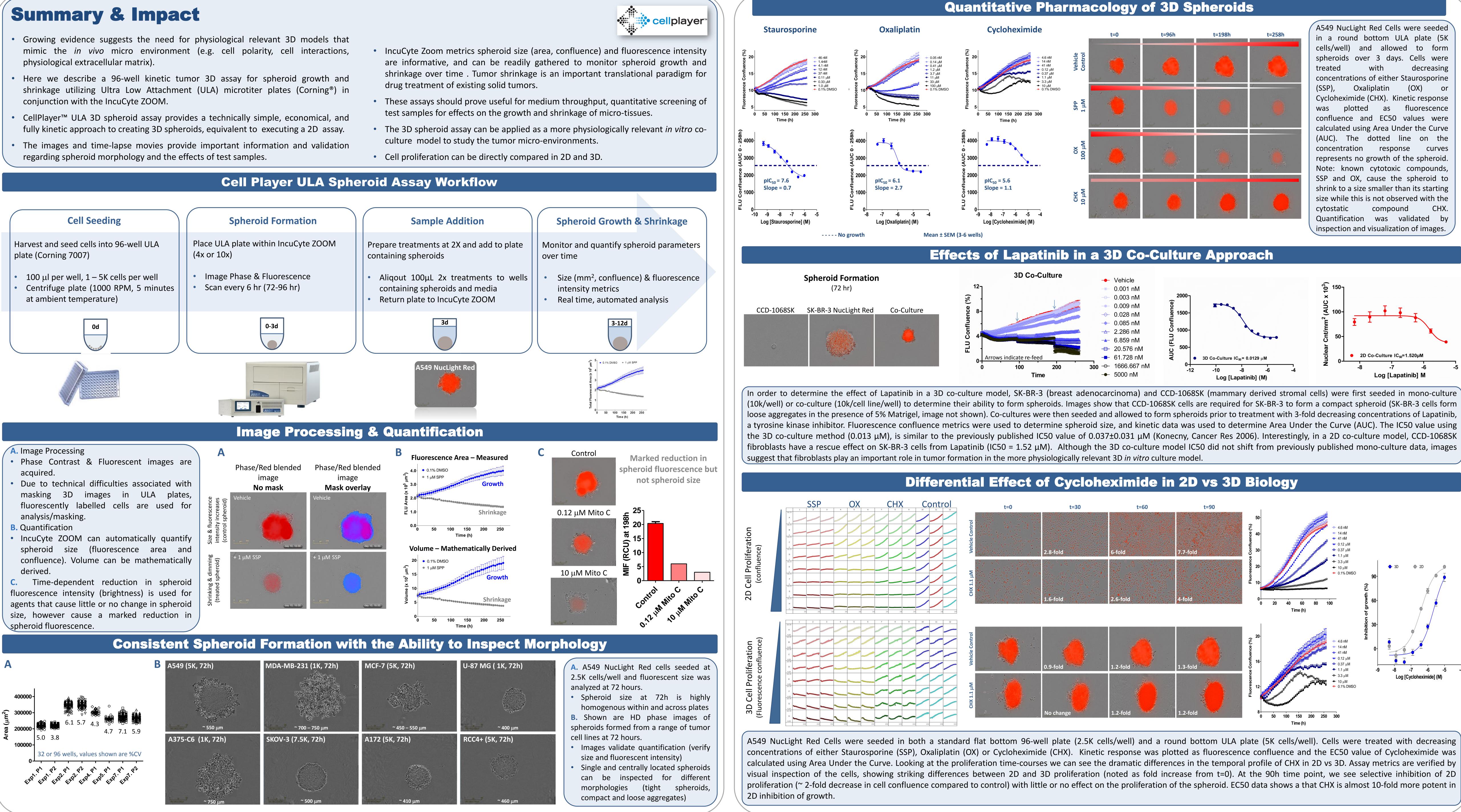
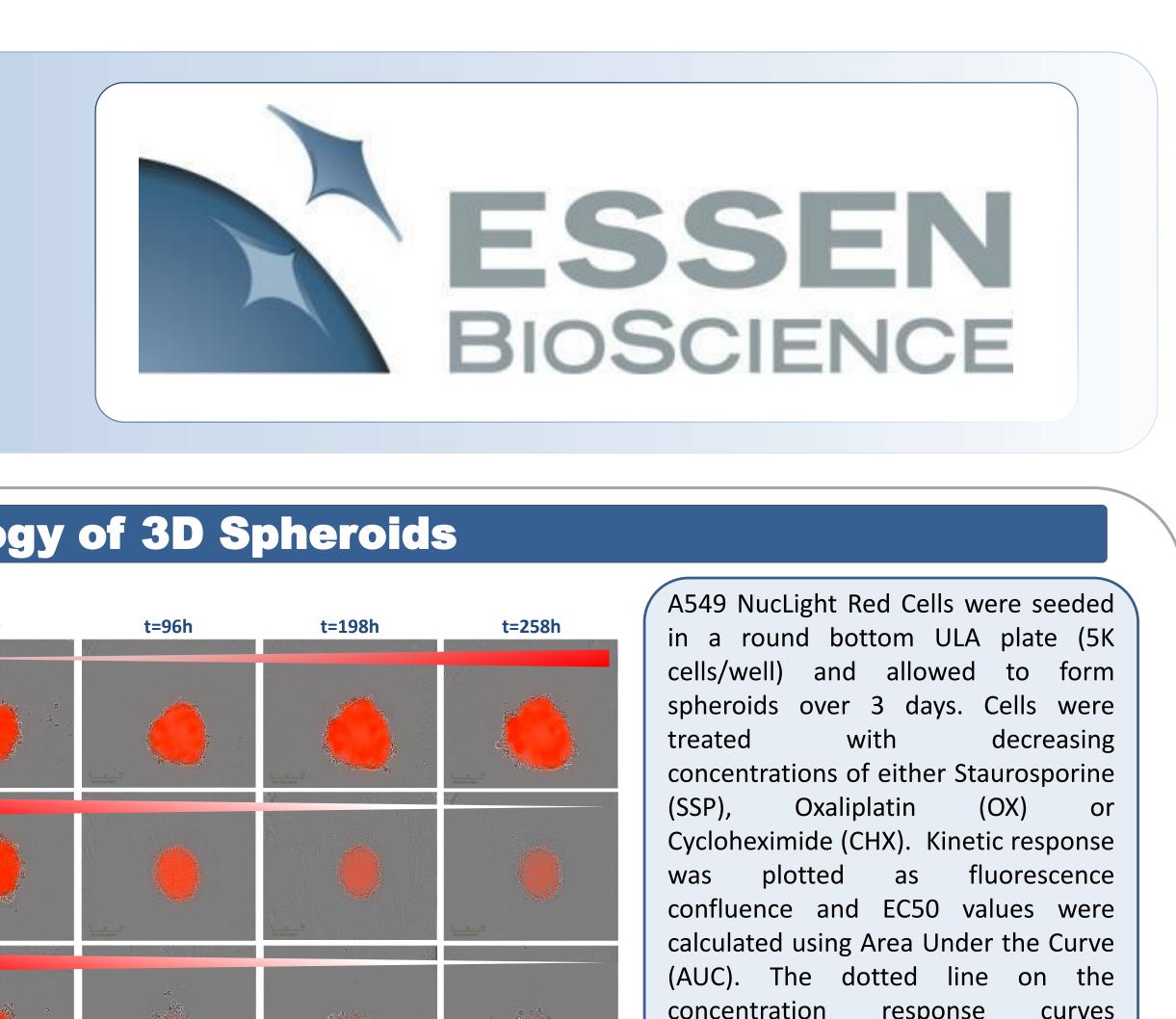
## A 3D Culture Model for Screening of Cancer Therapeutics

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- physiological extracellular matrix).
- conjunction with the IncuCyte ZOOM.
- fully kinetic approach to creating 3D spheroids, equivalent to executing a 2D assay.
- regarding spheroid morphology and the effects of test samples.





represents no growth of the spheroid.

Note: known cytotoxic compounds,

SSP and OX, cause the spheroid to

shrink to a size smaller than its starting

size while this is not observed with the

was

inspection and visualization of images

cytostatic

1500-

-1000 ک

t=60

3D Co-Culture  $IC_{50}$  = 0.0129  $\mu$ 

Log [Lapatinib] (M)

Quantification

compound

2D Co-Culture IC<sub>50</sub>=1.520µM

Log [Lapatinib] M

🔶 3D

-8 -7 -6 -5

Log [Cycloheximide] (M)

CHX.

validated

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