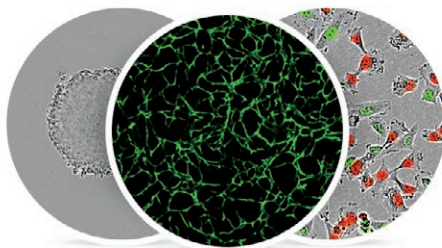




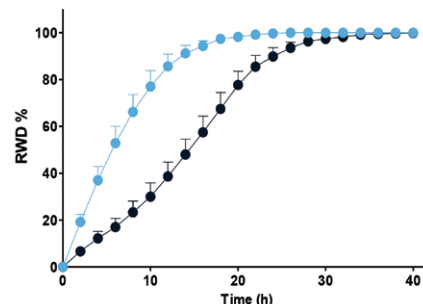
Continuous live-cell imaging and analysis within your incubator **IncuCyte ZOOM[®] System**



Analysis at your desk



Limitless applications



Kinetic biology

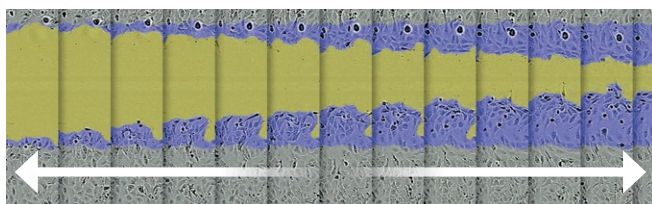
Focus on your data rather than the complexities of live cell imaging

IncuCyte ZOOM[®] System

When live cell imaging is automated, you can concentrate on what really matters to your research

Effortlessly image living cells over hours, days and weeks

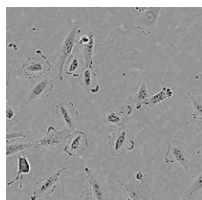
- Non-perturbing, automated image acquisition
- Multiple imaging modes and magnifications
- Compatible with standard plates, dishes and flasks



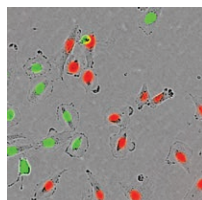
Move through time-lapse images and make high definition movies with ease

Easily convert images into meaningful numbers and metrics

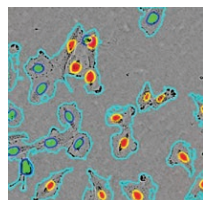
- Intuitive software provides powerful image analysis tools
- Images can be exported for analysis in third party software
- Remote viewing and data analysis from your desktop



Phase contrast



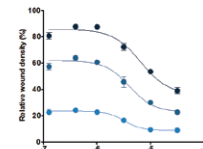
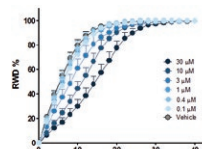
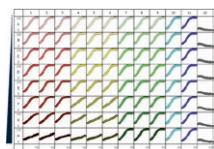
Phase contrast & fluorescence



Overlay of analysis masks

Quickly visualize time-course data and score phenotypic cell biology

- Flexible graphing and data export capabilities
- Fully quantified kinetic measures
- Information-rich images and movies



Compare time courses and determine concentration-dependent effects

Publications

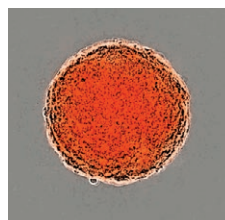
- Over 700 independent IncuCyte[™] publications
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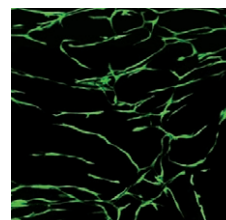


Key applications:

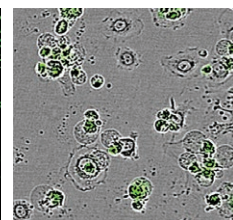
Learn more at essenbioscience.com/applications



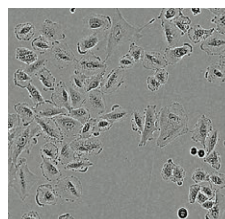
3D-Spheroids



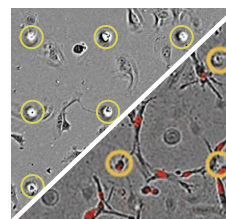
Angiogenesis



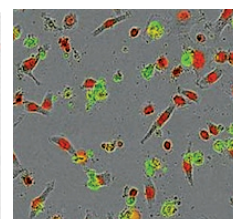
Apoptosis



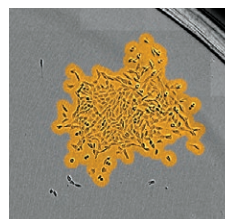
Cell Culture QC



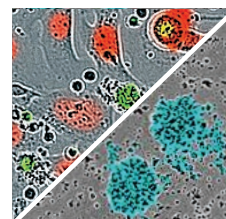
Chemotaxis
Migration & Invasion



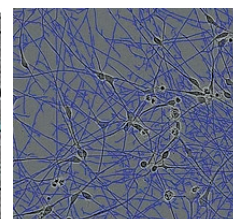
Cytotoxicity



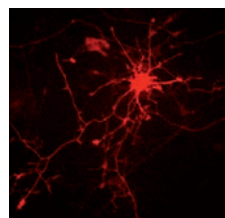
Dilution Cloning



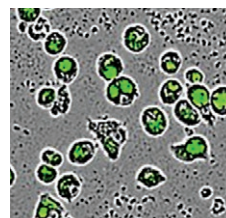
Immune Cell Killing,
Clustering & Proliferation



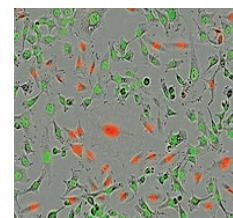
Neurite Dynamics -
Label-Free



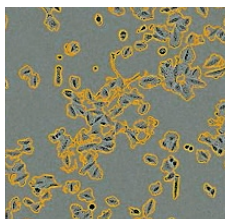
Neuronal Co-Culture -
Fluorescence



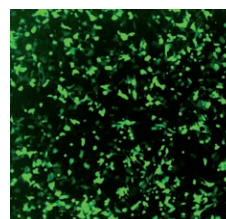
Phagocytosis



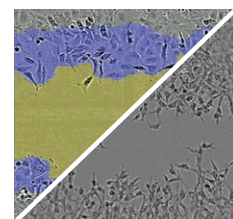
Proliferation -
Cell Count



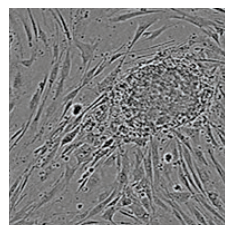
Proliferation -
Confluence



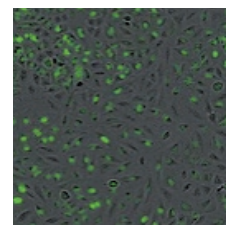
Reporter Gene



Scratch Wound
Migration & Invasion



Stem Cell Monitoring
& Reprogramming



Transfection
Efficiency

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