Livecyte®

Kinetic Cytometer

High-content live cell assays from 96-wells to single cells

- The only instrument optimised for high-content long-term live cell assays with automated cell tracking
- Quickly uncover phenotypic differences with easy-to-use graphical proliferation, morphology, scratch-wound and motility dashboards
- Make faster decisions with full assay outputs immediately available after each experiment
- Unique ptychographic quantitative phase imaging mode enables a wide range oflabel-free assays with or without complementary fluorescence
- Multi-scale data analysis and visualisation means you can explore assay outputs from a whole-plate view down to individual cell metrics and lineage trees.
- Up to seven fluorescence channels provide compatibility with a wide range of fluorescent labels

Find out more at www.cytena.com/livecyte

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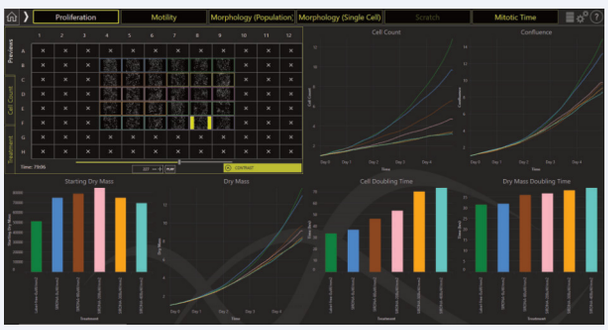
Multiple Assays... In Every Experiment

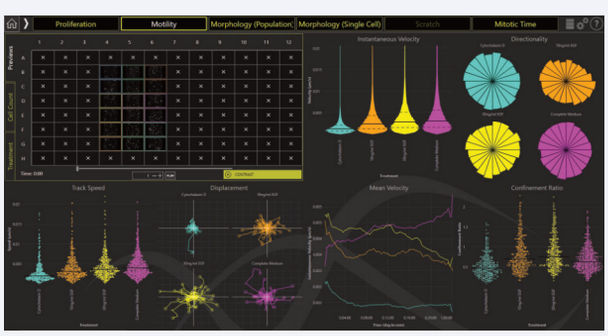


Proliferation Dashboard

- Fully characterise cell growth, not just confluence
- Livecyte's Proliferation Dashboard provides multiple complementary growth metrics
- Dry mass metric offers a unique measure of the amount of cellular material in each cell
- Identify when cells are growing but not dividing, or when they are spreading out yet not growing

Morphology Dashboards

- Compare both population average and individual cell morphology changes over time
- Livecyte's Morphology Dashboards provide a graphical comparison between population distributions of morphology within each well
- Compare kinetic effects of drug treatments on subpopulations such as drug-resistant cancer cells

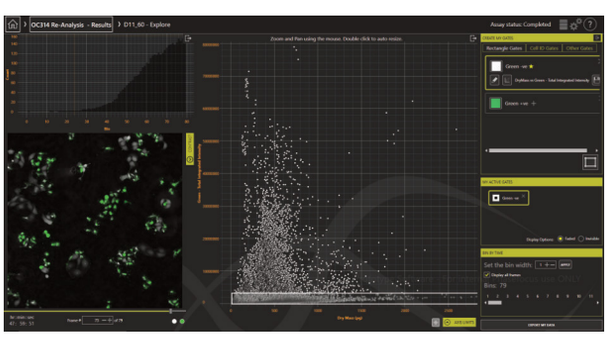


Motility and Scratch-Wound Dashboards

- Gain a new level of insight into cell motility behaviour
- Livecyte's Motility Dashboard allows you to automatically perform random migration assays in up to 96-well plate format
- Separate out cell migration behaviour from proliferation and other effects in scratch-wound assays with the Scratch Dashboard

Single Cells, Lineage and Gating

- Dig deeper into your results with interactive individual cell metrics plots
- Gate your data to select specific sub-populations on fluorescence signals or phase metrics
- Directly compare the behaviour ofindividual cells and cell lineages



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Learn more from every experiment with Livecyte