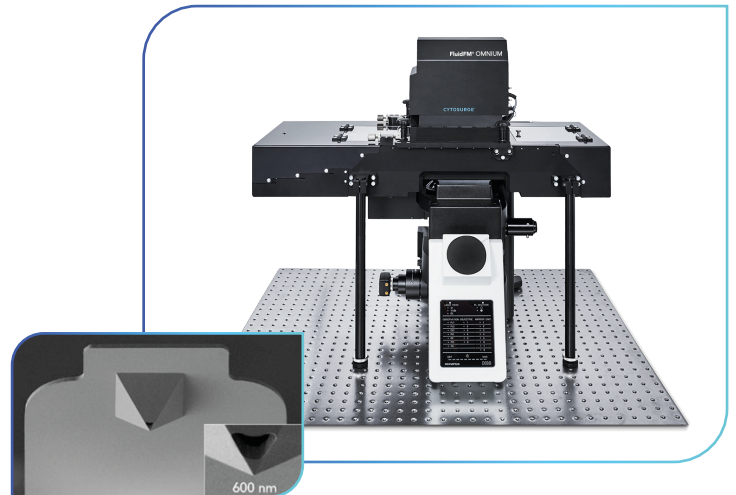


FluidFM OMNIUM: The Same-Cell Precision Biology Platform

Read. Write. Analyze the SAME Living Cell.

With the FluidFM® OMNIUM platform we introduce **Same-Cell Biology**.

Instead of killing cells to analyze them, OMNIUM allows you to extract cytoplasmic biopsies (**Read**), deliver payloads (**Write**), and measure forces (**Analyze**) on the same cell, repeatedly over time.

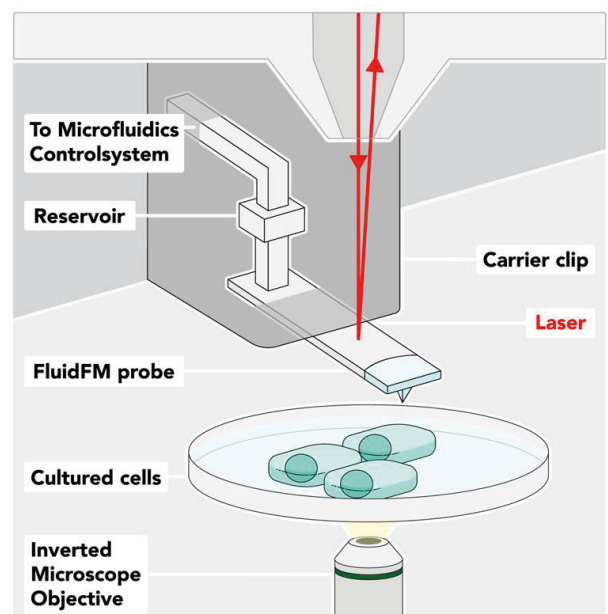


This new paradigm of Same-Cell Biology enables scientists to reveal true causal mechanisms in the same cell rather than infer them from correlations based on similarities in cell populations.

This shift fundamentally changes how biological questions are answered — and how decisions are made in Pharma, Biotech, and advanced research.

How does it work?

The proprietary FluidFM technology merges the sensitivity of atomic force microscopy (AFM) with microfluidics, enabling the non-destructive interaction with individual living cells.

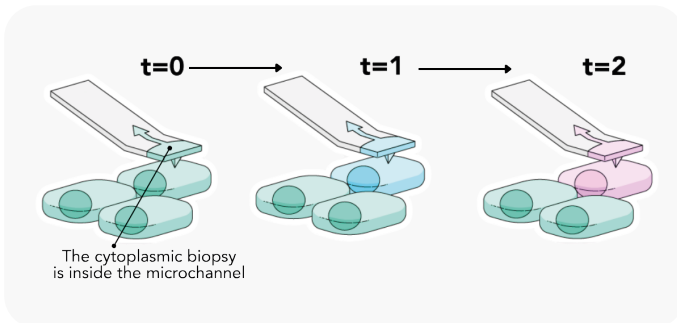


Read more about the technology in **2026 Nature Reviews Methods Primers**.

Fewer cells. Deeper truth. Real causality.

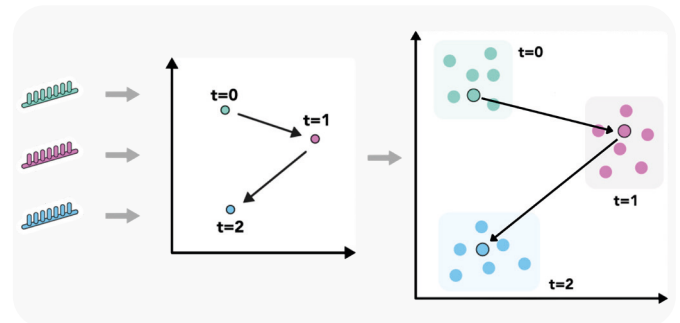
Temporal Live Same-Cell Sequencing

Extract and sequence RNA from living cells repeatedly over time, tracking dynamic biological responses.



Causal Same-Cell Biology

Move beyond correlation to understand true cause-effect relationships within individual cells.



True Traceability Across Time

Follow the same cell through experimental interventions, capturing its complete biological trajectory.

Controlled, Reproducible Access

Achieve unprecedented precision in cellular manipulation with mechanically controlled nanotechnology.

From Better Experiments to Better Decisions.

For Pharma & Biotech organizations, this is not just better data - it's **decision-grade biological insight**. **Same-Cell Biology** delivers value where it matters most:



Earlier go / no-go decisions



Reduced late-stage attrition



Higher information density per experiment



Greater confidence in mechanistic hypotheses

Ready to start your #SameCell journey?

Contact us at info@cytosurge.com, www.cytosurge.com



Success stories, real-world applications, and peer-to-peer proof on our blog.

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Live-seq in practice:
Webinar replay & slides.