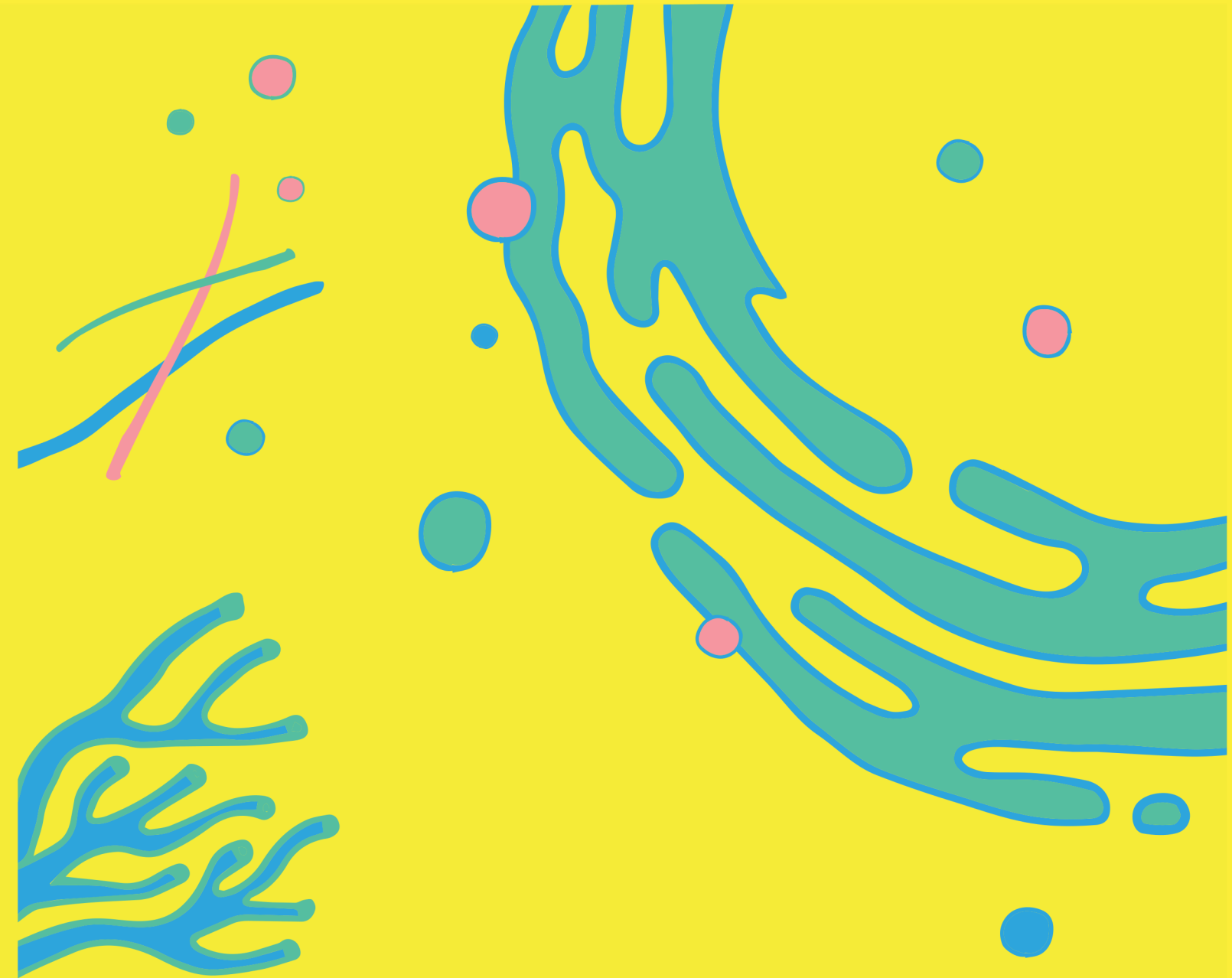
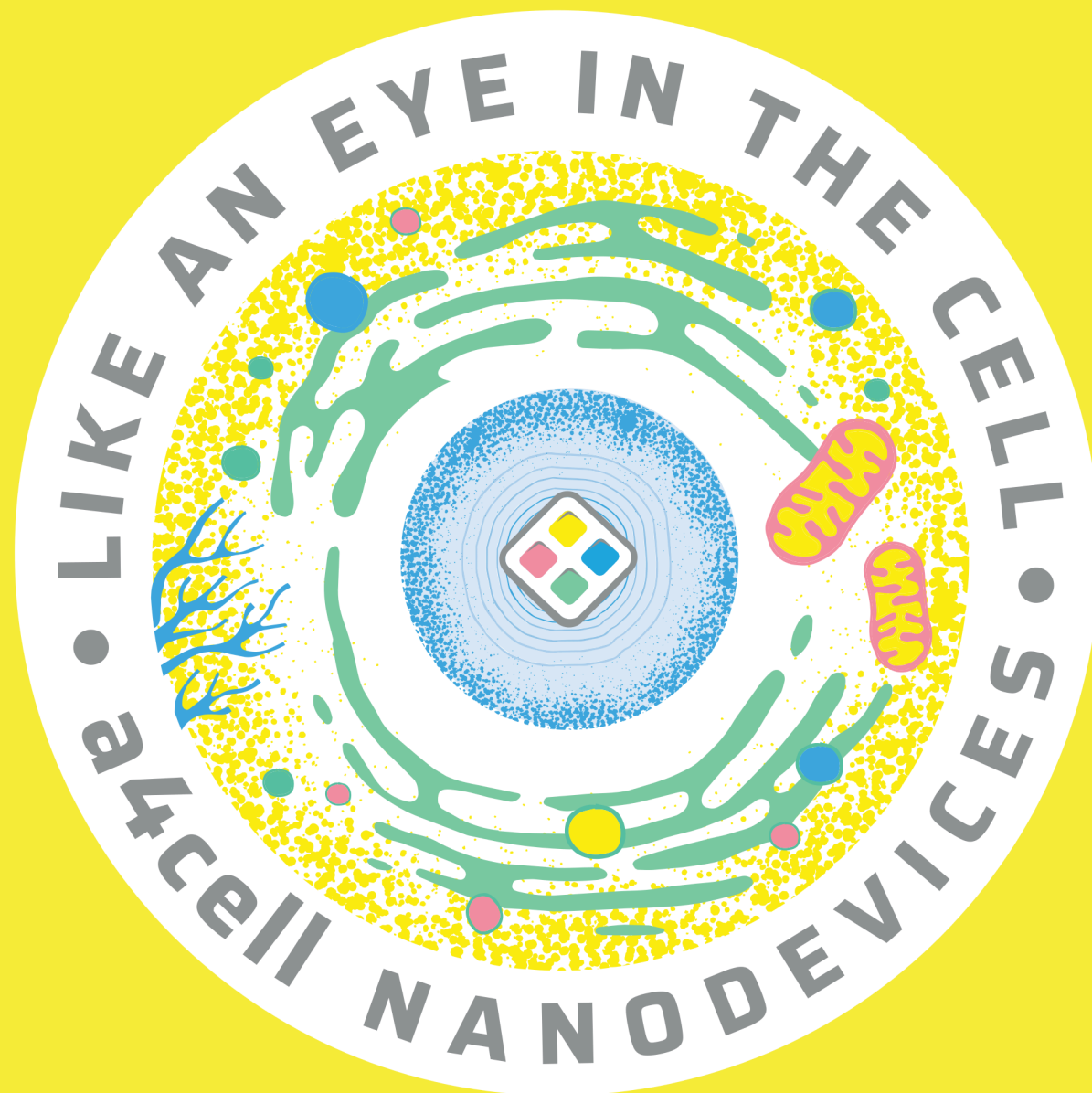


**Imagine having an eye inside
a living single cell and study
whatever event is happening
in that instant**



Arrays for Cell Nanodevices S.L.
Centro de Apoyo a la Innovación Tecnológica (CAIT) UPM.
Campus de Montegancedo s/n,
28223 Pozuelo de Alarcón (Madrid)
T : +34 910 679 519
info@a4cell.com

www.a4cell.com

CytoCHECK SPAchip® assay kits

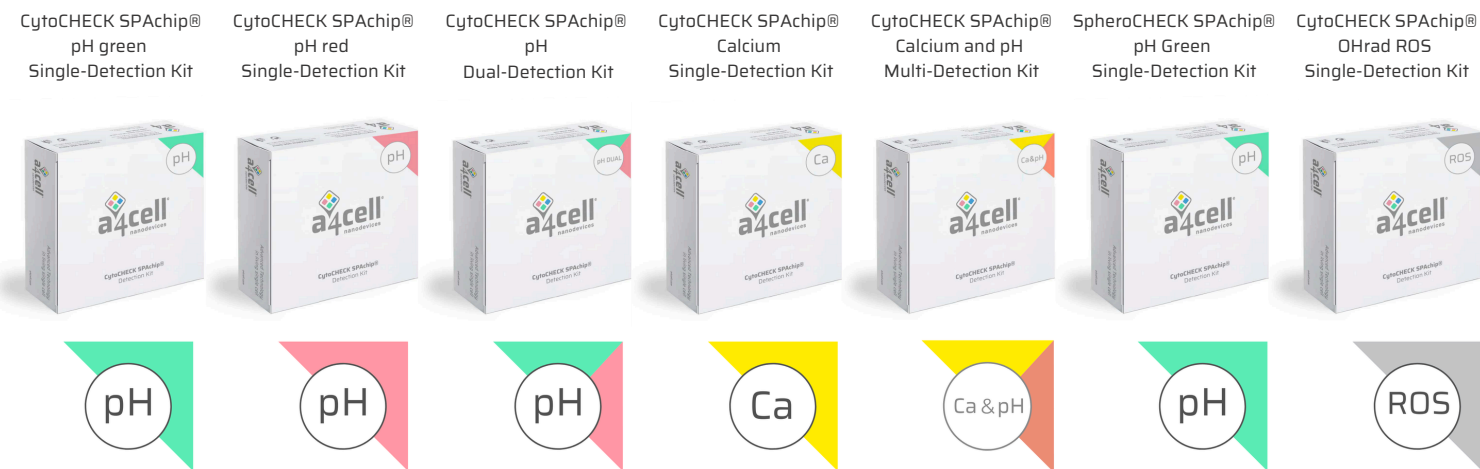
Based on functionalized silicon microchips with
fluorescent probes to monitor intracellular physiological changes.

CytoCHECK SPAchip® Detection Kits

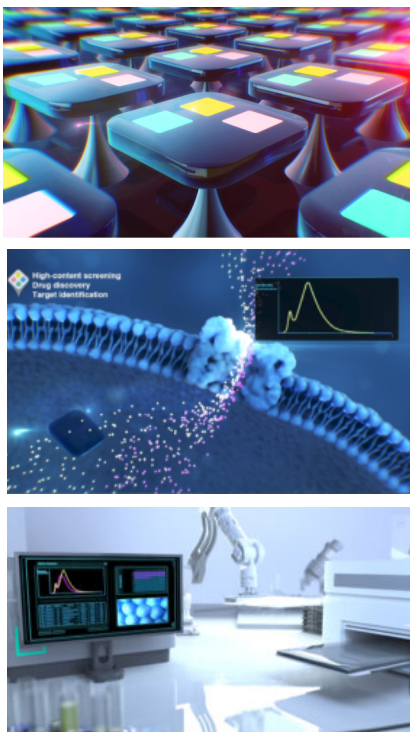
Our SPAchip® technology features intracellular silicon microchips functionalized with biomolecules, enabling real-time monitoring of cellular pathways without affecting cell viability.

The SPAchip's capabilities allow researchers to study living cells more closely, providing deeper insights into cellular behavior and mechanisms that were previously unavailable.

CytoCHECK SPAchip® assay kits



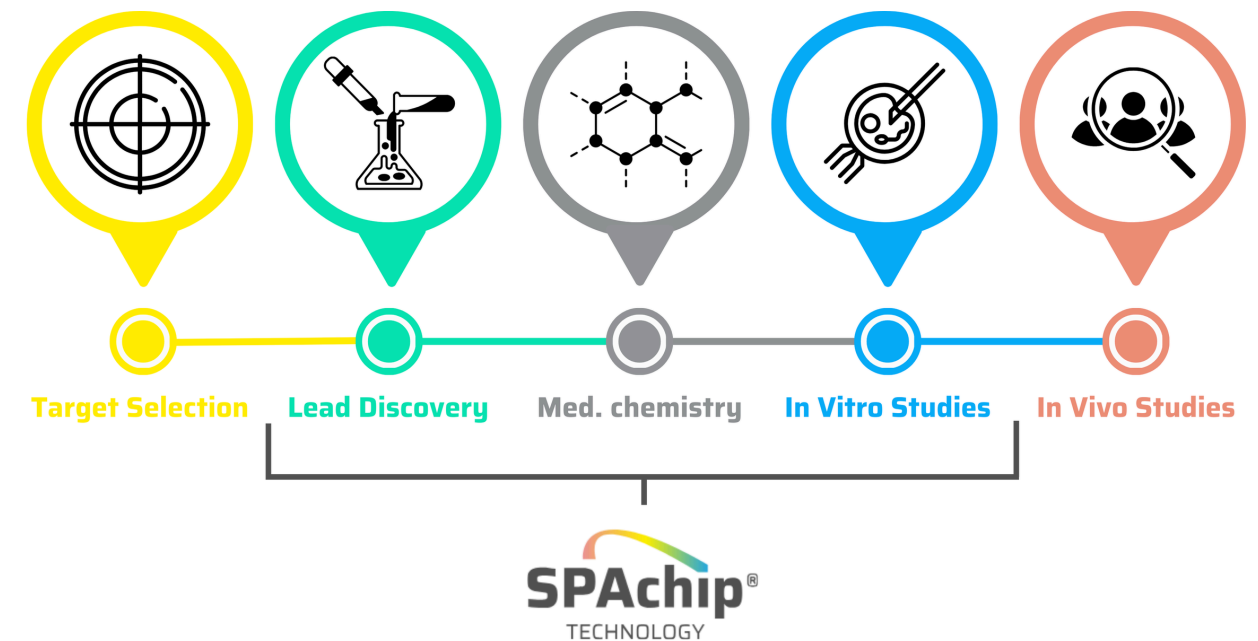
SPAchip® Technology Benefits



The SPAchip® Difference: A Leap in Live Cell Analysis

- Non-toxic for living single cells.
- Intracellular monitoring over long periods of time.
- Reduce time during workflow.
- Several parameters simultaneously.
- Ready-to-use, robust workflow.
- Designed protocols for various cell types.
- Suitable for all culture plates and flasks.
- Cell type flexibility, no lower limits.
- Industry leading cell capture rates of up to 65%.
- Low doublet rates of < 0.9% in 1,000 cells captured.
- Easy-to-use in combination with image analyzers or flow cytometers.

Drug Discovery Phases



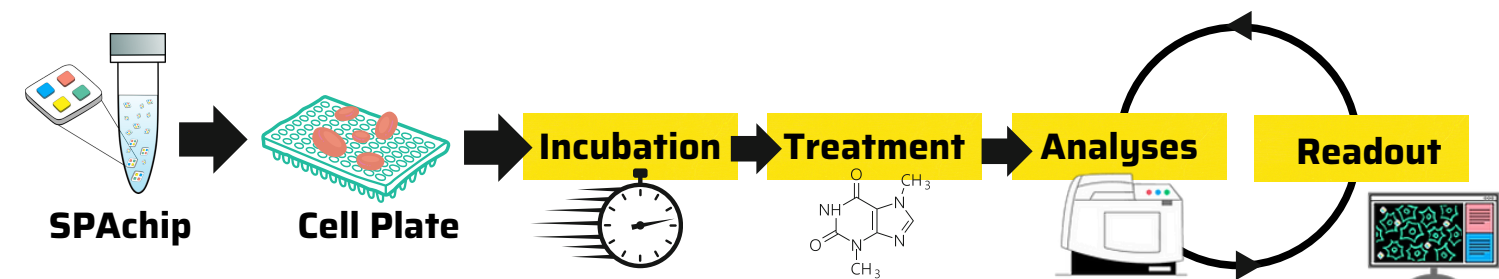
Biology+ SPAchip® technology to advance drug discovery

Main SPAchip® applications for living single cell analysis related to drug discovery:

Phenotypic Screening	◆	◆	Cellular Signaling Pathways
Identification of Rare Responders	◆	◆	High-Content Screening
Disease Modeling	◆	◆	Real-Time Kinetics
Toxicity Assessment	◆	◆	Drug Combination Studies

It's friendly and ready to use!

Laboratory workflow:



A highly flexible process: you can either treat with compounds first and then add SPAchips®, or start by adding SPAchips® and treat with compounds afterward.