PRESS RELEASE

June 6th, 2023 – Tolochenaz, Switzerland

Nanolive Launches the 3D Cell Explorer 96focus: A Game-Changing Solution for Label-Free phenotypic screening and analysis

Tolochenaz, Vaud, Switzerland — June 6th, 2023 - Nanolive SA, an industry leader in live cell imaging and analysis, announced the launch of their newest solution: the 3D Cell Explorer 96focus.

Nanolive, a leading provider of high content label-free live cell imaging and analysis solutions, has announced the launch of the 3D Cell Explorer 96focus, an innovative platform that brings unlimited high content analysis to label-free live cell imaging without the need for labeling. With the aid of AI-powered digital assays and an automated workflow, the 3D Cell Explorer 96focus streamlines the imaging process, offering researchers a cost-effective and reliable means of conducting cell imaging experiments.

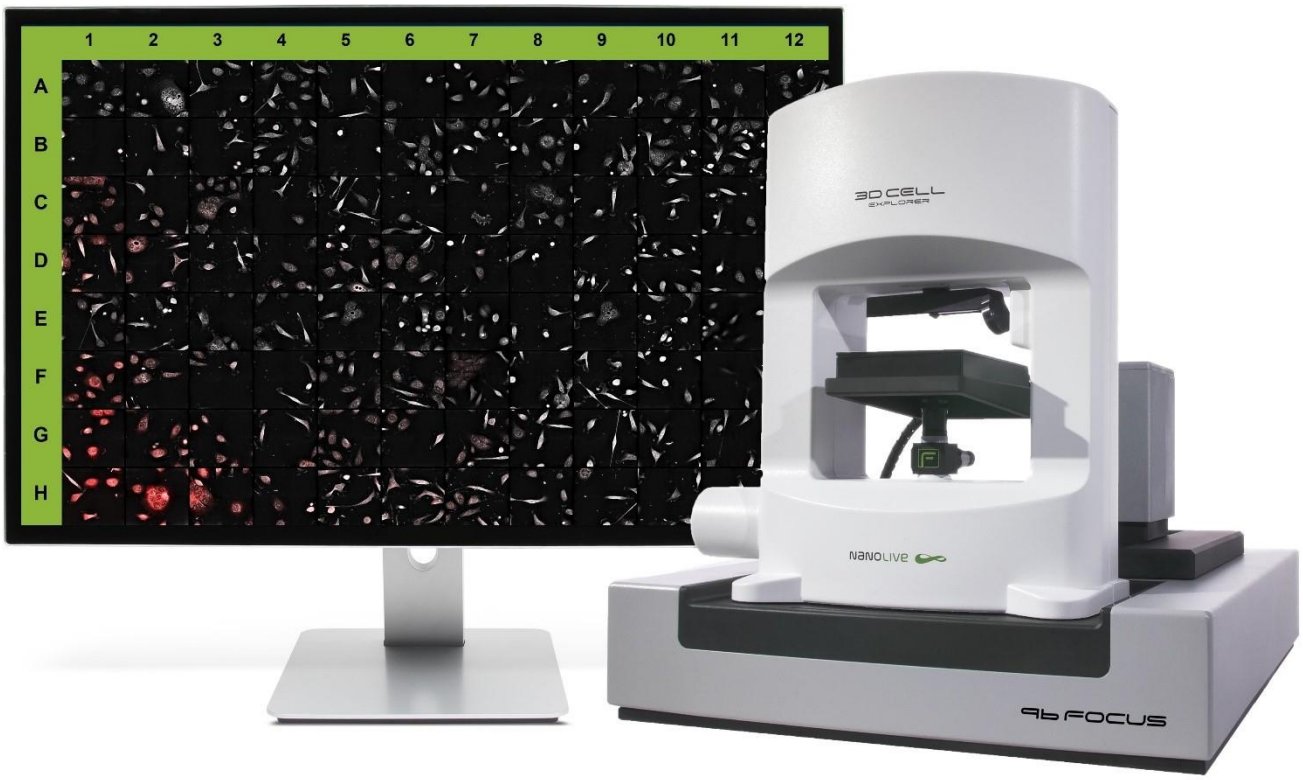

Figure 1 Nanolive's 3D Cell Explorer 96focus - a new solution high content analysis of live cells.

The 3D Cell Explorer 96focus utilizes a label-free technology that enables researchers to observe subcellular features and organelles within live cells in real time, with high contrast and resolution, without the need for staining or toxic contrast agents. The system employs refractive index, a fundamental physical property of biological matter, to provide direct and unbiased biological analysis.

With its 96-well capacity and dynamic high content unbiased data, the 3D Cell Explorer 96focus enables researchers to reduce the number of experiments needed and minimize the use of expensive and precious cell lines and reagents. The automated solution, combined with multiple digital assays, reduces the hands-on time needed to run experiments, thereby maximizing research efficiency and increasing translational relevance helping researchers prioritize the most promising candidates for further testing and saving very important costs by reducing time to failure. The platform provides high content, multiplexed, and reliable live cell dynamic data, allowing researchers to visualize and analyze data at the population, single cell, and organelle levels for days at a time. The subcellular resolution is preserved even when imaging a large field of view, ensuring that researchers do not miss any details. The platform's panel of application-specific, push-button digital assays also enables retroactive analysis at any time.

"We are excited to launch the 3D Cell Explorer 96focus, which represents a major breakthrough in label-free live cell imaging technology," said Dr. Yann Cotte, CEO of Nanolive. "This platform offers researchers unlimited high content analysis with a streamlined, autonomous workflow. With its long-term monitoring capabilities, high content, multiplexed, and reliable live cell data, and fully integrated cutting-edge digital analytical solutions, the 3D Cell Explorer 96focus will be a game-changer for the biotech and pharmaceutical industry."
Nanolive has developed several digital assays that extract specific metrics from label-free data. In addition to a standard package that automatically detects, segments cells and delivers measurements on cell content, morphology, and distribution, Nanolive offers dedicated packages designed for key research applications, such as cell metabolism, cytotoxicity, and immune-oncology.
The 3D Cell Explorer 96focus is now available for purchase. To learn more, visit the Nanolive website.

About Nanolive SA

Nanolive develops and manufactures label-free, tomographic, high content live cell imaging platforms and integrated digital analytical solutions powered by machine learning, to qualitatively and quantitatively analyze cells label-free. Nanolive's first-in-class solutions have repeatedly been recognized by The Scientist's Top 10 innovations in 2022 (The LIVE T Cell Assay), 2019, and 2015 (the CX-A and Cell Explorer imaging platforms, respectively). Nanolive is headquartered in Tolochenaz, Switzerland with staff worldwide including in France, Germany, and across the US where it operates as Nanolive Inc.
Recently published peer-reviewed papers where Nanolive imaging has been used are listed on Nanolive's website.

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