

Press Release
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NETRI JOINS DASSAULT SYSTEMS' 3DEXPERIENCE LAB PROGRAM TO ACCELERATE ITS INDUSTRIALIZATION.



Lyon, June 24, 2026 – NETRI, a French TechBio company specializing in organ-on-chip technologies combined with artificial intelligence and predictive biological models, announces its integration into the 3DEXPERIENCE Lab, the innovation program of Dassault Systems.

This strategic collaboration marks a key milestone in NETRI's industrial structuring, with the objective of digitalizing and securing its entire production chain and biological platform. By leveraging the 3DEXPERIENCE platform, NETRI aims to accelerate the scaling of both its devices and biological platform, enhancing reproducibility, traceability, and quality for the pharmaceutical, chemical, and cosmetics industries.

A decisive step toward the industrialization of organ-on-chip technologies.

Leveraging the natural ability of neurons to encode biological interactions into electrical signals, NETRI's platforms act as data generators for its digital libraries of tested and reference compound signatures, paving the way for more predictive models to assess the efficacy and safety of drug candidates and ingredients.

In this context, transitioning to industrial-scale production represents a major challenge. NETRI positions itself as an integrated platform combining expertise in organ-on-chip design, advanced human cell culture, and data analysis through proprietary AI-driven software.

Joining the 3DEXPERIENCE Lab is fully aligned with this ambition, enabling the structuring of a scalable, standardized, and industry-compliant production of both devices and biological processes.

Toward full digital continuity across the production value chain for its organ-on-a-chip devices.

Using Dassault Systems' solutions, NETRI will embark on a transformation of its system-on-chip production processes by establishing digital data continuity throughout the production chain.

In particular, this approach will:

- reduce the risk of human error through digitized and automated processes,
- ensure constant access to up-to-date versions of documents and reference materials,
- ensure full traceability of operations and design changes,

- simulate and optimize manufacturing processes in advance,
- improve communication and coordination between teams.

Ultimately, NETRI aims to establish an integrated production environment that aligns with Industry 4.0 standards.

« Integration into Dassault Systèmes' 3DEXPERIENCE Lab is a key driver for structuring and securing our device production. The digitization of our processes allows us to significantly improve the reproducibility, traceability, and robustness of our on-chip components. We are thus laying the groundwork for industrialized production capable of meeting the most demanding standards in terms of quality and scalability, paving the way for a digital twin of our production facility.» **Thibault Honegger, CEO & Co-founder, NETRI.**

Structuring convergence between biology and industry.

As part of the ongoing digital transformation of its industrial operations, NETRI is undertaking a fundamental overhaul of its biology platform by fully integrating 3DEXPERIENCE Lab tools into the management of its experiments. This approach enables the digitization of the entire experimental cycle—from lab notebooks to real-time monitoring of ongoing tests—through a centralized control interface. This development significantly enhances the quality and traceability of biological operations, as each step is recorded, verifiable, and auditable by the teams. It also enables the automation of project management for experiments by integrating real-time data on laboratory status, equipment availability, and infrastructure to optimize test planning and execution.

The implementation of a structured repository also contributes to the standardization of culture protocols, aligning with a quality management system (QMS) approach and facilitating document management and evaluation processes. A true tool for managing biological activities, this digital infrastructure enables NETRI to improve efficiency, robustness, and reproducibility. Finally, the automation of report generation—both internal and external—accelerates the utilization of results and enhances the reliability of data transmitted to industrial partners.

« The integration of 3DEXPERIENCE Lab technologies is fundamentally transforming the way we manage biological operations. The complete digitization of experiments—from lab notebooks to real-time monitoring—enables us to significantly enhance the traceability, quality, and standardization of our protocols. By developing a robust laboratory management tool capable of integrating experiment planning based on available resources, we gain efficiency and reliability. This convergence between biology and industrial systems is a key driver for improving the reliability of our models and accelerating their deployment at scale. » **Najate Ftaich, Head of Biology, NETRI.**

Tangible gains in productivity, quality, and agility.

The integration of 3DEXPERIENCE Lab solutions should enable NETRI to:

- significantly improve productivity,
- reduce scrap and non-conformities,
- enhance the quality and reproducibility of its devices,
- ensure the safety of its manufacturing processes,
- increase agility in the face of industry changes or unforeseen events.

These advancements are essential to support NETRI's growth and meet the increasing demands of the market.

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About NETRI.

NETRI is an innovative industrial Techbio whose mission is to improve human health through the discriminating power of the nervous system. The company offers a Neuron-as-a-Sensor suite (NaaS) to gain insights into the safety and efficacy of clinical or chemical compounds. NETRI focuses on pain quantification and pursues an exploratory pipeline in oncology, immunology, neurological disorders, neurotoxicity and dermatology. Leveraging the natural capacity of neurons to encode biological interactions of a compound and a targeted organs, the NaaS suite features the world-first compartmentalized electrophysiology platform for innervation of organoids in standard 96-well plate format - NeuroFluidics™ MEA - which acts as a data generation hub for its Digital Signature libraries of tested and reference compounds. To enable the prediction of clinical outcomes, the proprietary suite includes calibrated neuronal cells, Organ-on-chip hardware, AI-trained software, digital libraries and methods.

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