INTA®

DIAGNOSTICS FOR EVERYONE, EVERYWHERE.

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NanoAnalyzer®

A CE marked multiplexed, portable, rapid, cost-effective, immunosensing system that can be used with minimal training.

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Lab-On-a-Chip

INTA’s technology is based on decades of research in nanoelectronics and biotechnology. A small chip is at the heart of INTA’s products.



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Brain Injuries

The main application of INTA's technology is the diagnosis of brain injuries from rapid blood analysis.

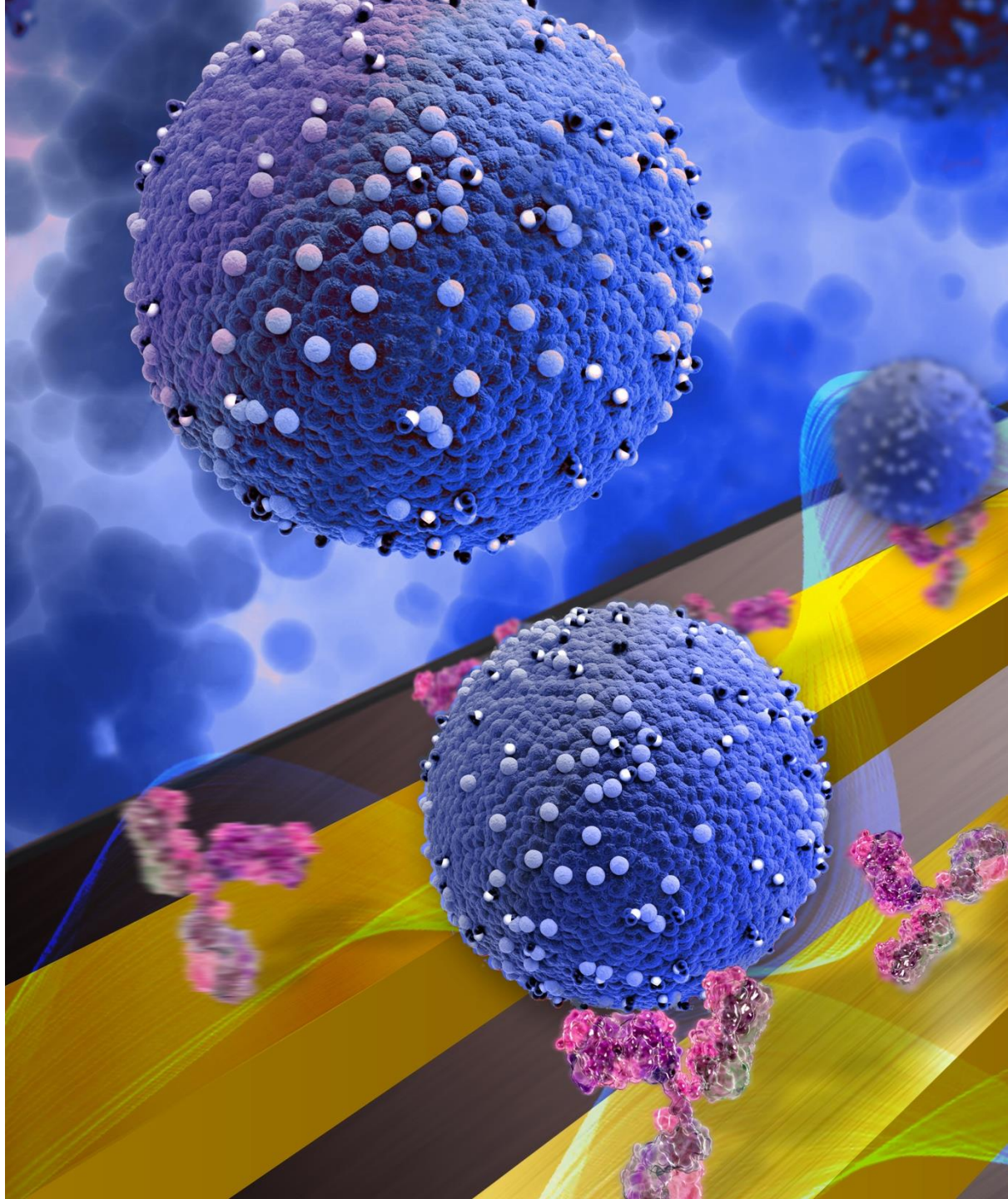
We will reduce unnecessary access to CTs and improve patient monitoring with a rapid NanoAnalyzer® test.

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A Customizable Solution

The NanoAnalyzer® can simultaneously measure up to six different biological analytes. It can detect proteins, antibodies, bacteria, viruses, and nucleic acids.

The main application fields are: biomedical, environmental monitoring, food analysis, veterinary, security, and Industry 4.0.



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Biotechnology

We combine state-of-the-art biochemistry techniques to enable our sensors to detect a single biological analyte of interest.

Our approach relies on the realization of thin films specifically designed to provide sensitivity and selectivity.

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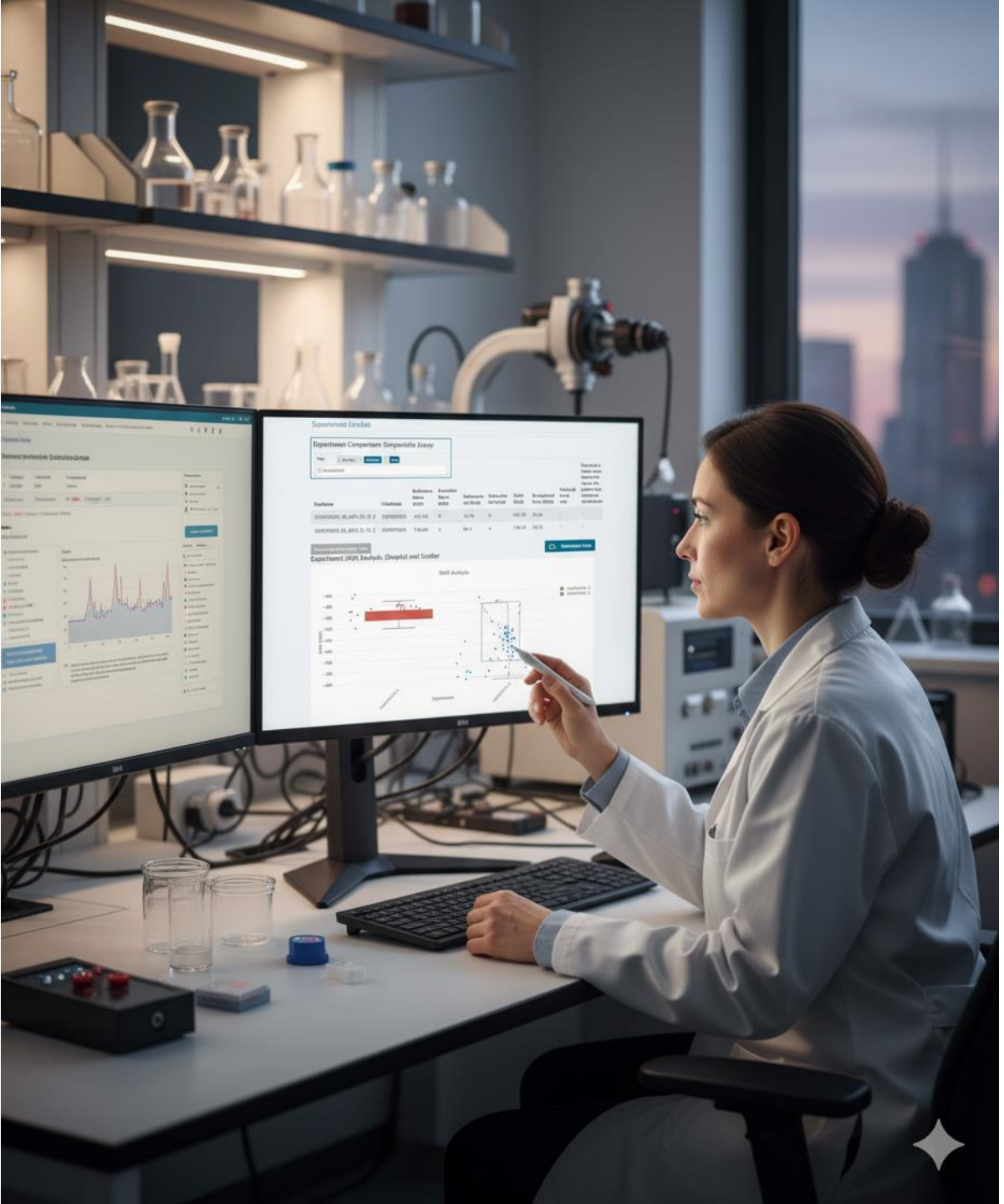
Data Science

INTA’s strength also relies on advanced data science algorithms such as machine learning, AI, and multivariate statistics.

This is made possible by the NanoAnalyzer®'s capability to measure multiple parameters simultaneously.



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Lab Cloud for Innovation

The Lab Cloud platform centralizes data and digitizes lab workflows to accelerate research and development.

It provides advanced analytics and visualization tools, enabling our researchers to make data-driven decisions.

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NanoAnalyzer Cloud

The NanoAnalyzer Cloud provides a secure and scalable system for the remote management of the NanoAnalyzer.

The platform provides real-time data and measurement synchronization, giving users instant visibility and analysis to optimize clinical efficiency.



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The Company Vision

INTA has secured over €3 million in private funding, which facilitates robust company growth and enables the launch of the NanoAnalyzer® product to market.

INTA's mission is to make biomedical diagnostics available to everyone, everywhere.

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Advisors Panel

Dr. Franco Servadei (Carlo Besta, President of WNFS) – Medical Advisor

Antonio Sanesi (ex-VP R&D bioMérieux) – Industrial Advisor

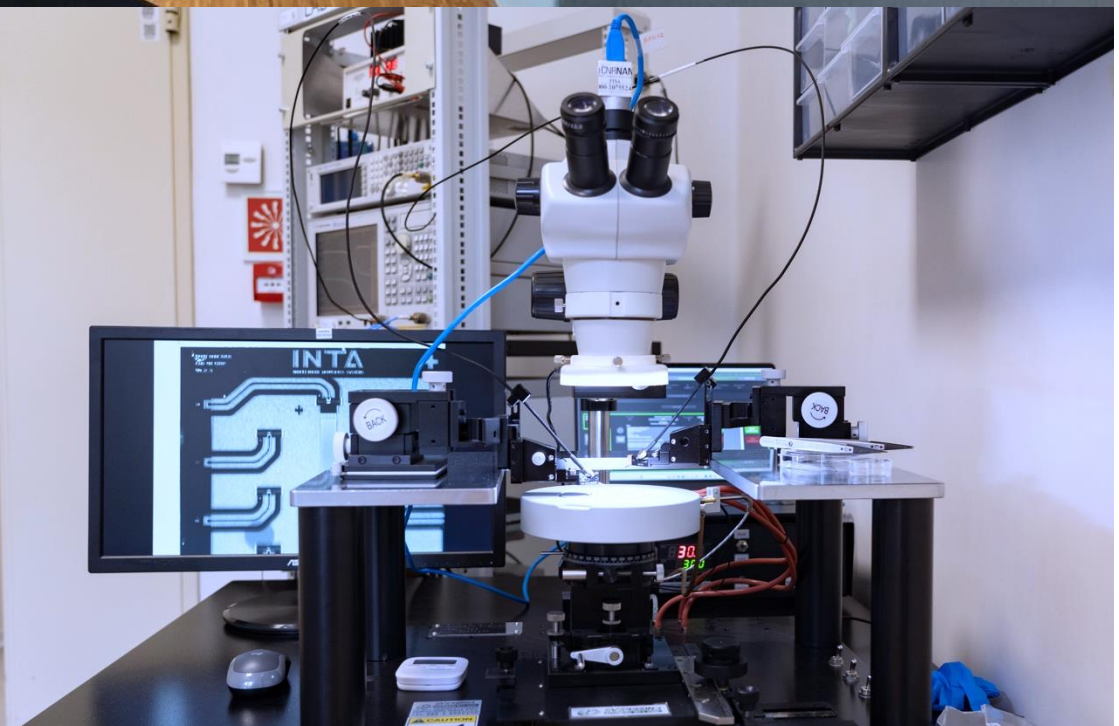
Marco Donolato (Global Head, Technology & Innovation Hewlett Packard) – Assay Advisor

Marco Cecchini (Co-founder, CNR Researcher) – Technology Advisor

Marco Calderisi (Co-founder, Data Science Entrepreneur) – Data Science & AI Advisor

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University Deep-Tech Spin-Off

INTA was born in 2020 as a "Scuola Normale Superiore" University of Pisa and the National Research Council of Italy – Nanoscience Insitute "CNR-NANO".

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