

PRESS RELEASE

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ProteoY and Gemesis Announce a Strategic Partnership to Accelerate Bioproduction Automation

ProteoY and Gemesis are pleased to announce the signing of a strategic partnership aimed at accelerating the automation of synthetic biology and bioproduction processes.

ProteoY develops an innovative yeast-based technology enabling the rapid creation of high-performance biological clones for the production of proteins, peptides, and RNA for research and industrial applications. Thanks to its proprietary platform, ProteoY is capable of generating new production clones in just a few days, significantly reducing development timelines.

For its part, Gemesis designs and manufactures custom machines, test benches, and automated systems for the energy, industrial, and biotechnology sectors. The company has recognized expertise in complex process automation, robotics, and data acquisition.

As part of this partnership, Gemesis will lead the development of an initial automated platform dedicated to the creation and monitoring of biological clones developed by ProteoY. Initially intended for internal use, this system will improve development throughput, operational traceability, and result reproducibility while reducing manual tasks.

This first milestone forms the foundation of a broader ambition. The two companies have already initiated discussions around a second generation of equipment designed to automate the entire bioproduction workflow.

The objective is to develop an autonomous system capable of performing, with minimal human intervention, the various stages of biological production : cell culture, fermentation, lysis, purification, and process monitoring. This future platform will enable laboratories, research centers, and industrial companies to locally produce their own proteins and biomolecules using a compact, automated, and easily deployable solution.

By combining ProteoY's expertise in the development of production strains with Gemesis' expertise in industrial automation, this partnership aims to make bioproduction faster, more accessible, and easier to industrialize.

The first achievements resulting from this collaboration are expected in the coming months.

About ProteoY

ProteoY is a biotechnology company developing a next-generation yeast platform for recombinant protein production. Built around a proprietary high-performance host strain, the technology enables rapid generation of protein-producing clones directly from DNA sequences. ProteoY's mission is to accelerate access to recombinant proteins by reducing development time, simplifying workflows, and enabling the production of complex protein targets for research, industrial biotechnology, and healthcare applications.

About Gemesis



Based in Lyon, Gemesis specializes in the design of advanced test benches, special-purpose machines, and containerized systems for battery, hydrogen, energy, and defense technologies. The company also develops software solutions dedicated to operando testing and complex instrumentation.

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