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# Breakthrough in Immune Cell Expansion: Pluri Granted U.S Patent for New Method

- Pluri's patent enables mass-scale production of immune cell therapies
- New patented technology is applicable for the expansion of a variety of immune cells
- Technology sets stage for potential immune cell therapy advancements and targets an estimated total addressable market of [\\$11.66 billion by 2030](#)

HAIFA, Israel – Apr. 8, 2024 – Leading biotechnology company, Pluri Inc. (Nasdaq:PLUR) (TASE:PLUR) ("Pluri" or the "Company"), which transforms cells into solutions that promote global wellbeing and sustainability, today unveiled a novel method for expansion of immune cells using proprietary technology and announced it was granted a new U.S. patent titled, "System and Methods for Immune Cells Expansion and Activation in Large Scale."

Pluri's novel technology represents a paradigm shift in immune cell expansion methodologies because, unlike [traditional approaches](#), its method employs a fundamentally different concept. Pluri's proprietary 3D cell expansion technology mimics the natural lymph node like environment that immune cells have within the human body. The tightly controlled and fully automated bioreactor system provides cells with the conditions they need in order to expand, enabling efficient expansion of immune cells at scale and quality. This innovative approach ensures that the produced immune cells retain their integrity, functionality, and therapeutic efficacy, thus offering a promising solution to meet the escalating demand for advanced cell-based therapies for immune disorders and neurodegenerative diseases.

## Reaching More Patients by Creating Allogeneic Cell Product Candidates

Pluri's patented technology marks an important milestone in the field of allogeneic cell therapy, positioning the Company at the forefront of innovation. By addressing the critical challenges faced by current allogeneic cell therapies, such as limited donor cell availability and scalability issues, Pluri's technology can potentially open doors to vast opportunities for therapeutic advancement and commercial success. With a commitment to pushing the boundaries of possibility, Pluri is poised to lead the charge towards realizing the full potential of allogeneic cell therapy, ultimately transforming the lives of patients worldwide.



“We believe that our continued investment in technology, paired with two decades of expertise, enable us to develop the next generation of medical treatments,” said Yaky Yanay, CEO and President of Pluri. “Pluri’s patented technology represents a significant leap forward in the field of immune cell expansion, addressing the growing global demand for advanced cell-based therapies. By harnessing the power of our proprietary technology, we are not only advancing the possibilities of allogeneic cell therapy, we are also reaffirming our commitment to improving patient outcomes worldwide.”

### **Total addressable market**

The patented technology addresses the global immune cell engineering market size which is [expected to reach \\$11.66 billion by 2030](#), from \$2.82 billion in 2023, at a CAGR of 22.5% during the forecast period.

### **About Pluri Inc.**

Pluri is pushing the boundaries of science and engineering to create cell-based products for commercial use and is pioneering a biotech revolution that promotes global well-being and sustainability. The Company’s technology platform, a patented and validated state-of-the-art 3D cell expansion system, advances novel cell-based solutions for a range of challenges— from medicine and climate change to food scarcity, animal cruelty and beyond. Pluri’s method is uniquely accurate, scalable, cost-effective and consistent from batch to batch. Pluri currently operates in the field of regenerative medicine, foodtech and agtech. The Company also offers CDMO services. Pluri establishes partnerships that leverage the Company’s proprietary 3D cell-based technology across various industries that require effective, mass cell production. To learn more, visit us at [www.pluri-biotech.com](http://www.pluri-biotech.com) or follow Pluri on [LinkedIn](#) and [X](#) (formerly known as Twitter).

### **Safe Harbor Statement**

This press release contains express or implied forward-looking statements within the Private Securities Litigation Reform Act of 1995 and other U.S. Federal securities laws. For example, Pluri is using forward-looking statements when it discusses the potential of its technology, that its technology can potentially open doors to vast opportunities for therapeutic advancement and commercial success, the belief that its continued investment in technology, paired with two decades of expertise, enable it to develop the next generation of medical treatments, that its patented technology represents a significant leap forward in the field of immune cell expansion, addressing the growing global demand for advanced cell-based therapies, and the expected growth in the allogeneic cell therapy market. These forward-looking statements and their implications are based on the current expectations of the management of Pluri only and are subject to a number of factors and uncertainties that could cause actual results to differ materially from those described in the forward-looking statements. The following factors, among others,



could cause actual results to differ materially from those described in the forward-looking statements about Pluri: changes in technology and market requirements; Pluri may encounter delays or obstacles in launching and/or successfully completing its clinical trials, if necessary; its products may not be approved by regulatory agencies, its technology may not be validated as it progresses further and its methods may not be accepted by the scientific community; it may be unable to retain or attract key employees whose knowledge is essential to the development of its products; unforeseen scientific difficulties may develop with its processes; its products may wind up being more expensive than it anticipates; results in the laboratory may not translate to equally good results in real clinical settings; its patents may not be sufficient; its products may harm recipients or consumers; changes in legislation with an adverse impact; inability to timely develop and introduce new technologies, products and applications; loss of market share and pressure on pricing resulting from competition, which could cause the actual results or performance of Pluri to differ materially from those contemplated in such forward-looking statements. Except as otherwise required by law, Pluri undertakes no obligation to publicly release any revisions to these forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events. For a more detailed description of the risks and uncertainties affecting Pluri reference is made to Pluri's reports filed from time to time with the Securities and Exchange Commission.

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