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BioLife Solutions wins three new patents

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BioLife Solutions awarded three new patents for cryopreservation, thawing and cold Chain Transport Technologies



BioLife Solutions, a leading developer and supplier of best-in-class bioproduction tools for cell and gene therapies has announced three new patents for inventions related to cryopreservation, thawing and cold chain transport technologies. The new patents awarded to BioLife include:

European Patent: *Apparatuses and Compositions for Cryopreservation of Cellular Monolayers*

This patent includes claims related to facilitating bulk freezing of adherent cells in multi-well plates for use in high-throughput drug screening processes.

United States Patent: *Systems, Devices and Methods for Automated Sample Thawing*

This patent covers the core technologies used in the ThawSTAR® automated thawing products, which BioLife obtained in the acquisition of Astero Bio in April 2019.

United States Patent: *Insulated Storage and Transport System*

This patent covers core technologies used in the evo® cloud-connected precision thermal shipping containers, which BioLife obtained in the acquisition of SAVSU Technologies in August 2019.

Mike Rice, BioLife Solutions CEO, remarked, "We have a remarkably strong team of inventors who are experts in the fields of cryopreservation, storage and transport, and thawing of biologic material; specifically, for cell and gene therapies targeting the leading causes of disabilities and death. Our scientific team has several additional pending patents covering novel features of our best-in-class portfolio of bioproduction tools. We look forward to providing a continuous stream of innovative solutions to the high growth cell and gene therapy market."