FDA Clears Life Technologies' OpTmizerT T-Cell Growth Medium for Use in Clinical Trials

The Associated Press

Life Technologies Corporation (NASDAQ: LIFE) today announced it has received FDA 510(k) clearance for its OpTmizerT CTST T-Cell Expansion Tissue Culture Medium - a reagent that is now cleared as a Class II medical device and offers cost- and time-saving advantages for transitioning studies from the research bench to clinical trials.

The OpTmizerT CTST T-Cell Expansion Tissue Culture Medium is intended for human ex vivo (outside the body) tissue and cell culture processing application. This means it is designed to efficiently grow large numbers of potentially therapeutic T-cells, which have demonstrated promise in clinical studies as an effective treatment for diseases including cancer, infectious diseases such as AIDS, and autoimmune disorders.

"We are very pleased to learn of Life Technologies' successful outcome in achieving its FDA 510(k) regulatory clearance for its OpTmizerT CTST T-Cell Expansion Tissue Culture Medium, and we value the close working relationship we have established with Life Tech," said Neil K.

Warma, President & CEO of Opexa Therapeutics, Inc. "The receipt of 510(k) status for OpTmizer CTS T-cell expansion media simplifies the regulatory path for Opexa as we continue the development of TcelnaT, a T-cell immunotherapy for the treatment of patients with multiple sclerosis." As a product that is manufactured following GMP requirements in an ISO 9001/13485 certified facility, OpTmizerT CTST T-Cell Expansion Tissue Culture Medium provides a xenofree formulation, containing defined components that can help reduce variability during the development of T-cell therapies. The ability to document manufacturing process details, quality control testing and component traceability streamlines the review process when submitting Investigational New Drug (IND) applications to the FDA as required for clinical trial initiation. Its effectiveness in rapid T-cell expansion at high cell density can reduce media usage, which results in end-user cost savings.

OpTmizerT CTST T-Cell Expansion Tissue Culture Medium is currently being used in multiple clinical trials in the United States. It complements other Life Technologies Cell Therapy Systems (CTST) branded products that have previously received 510(k) clearance by the FDA. They include: AIM V@ Medium, DMEM, KnockOutT SR Medium, KnockOutT SR XenoFree Medium and StemPro MSC SFM CTS. The company's portfolio of solutions addresses a wide range of cell types and procedures including the isolation, expansion, differentiation and characterization of cells.

"The availability of validated tools for use in clinical trials is one of the key steps to

realizing the potential for stem cell therapy," said Chris Armstrong, Ph.D, General Manager and Vice President of Primary and Stem Cell Systems at Life Technologies. "The FDA's clearance of our product for culturing T-cells is an important step in that direction and supports our commitment to offering our customers leading products that drive their translational research." About Life Technologies Life Technologies Corporation (NASDAQ: LIFE) is a global biotechnology company with customers in more than 160 countries using its innovative solutions to solve some of today's most difficult scientific challenges. Quality and innovation are accessible to every lab with its reliable and easy-to-use solutions spanning the biological spectrum with more than 50,000 products for agricultural biotechnology, translational research, molecular medicine and diagnostics, stem cell-based therapies, forensics, food safety and animal health. Its systems, reagents and consumables represent some of the most cited brands in scientific research including: Ion TorrentT, Applied Biosystems@, InvitrogenT, GIBCO@, Ambion@, Molecular Probes@, Novex@, and TaqMan@. Life Technologies employs approximately 10,400 people and upholds its ongoing commitment to innovation with more than 4,000 patents and exclusive licenses. LIFE had sales of $3.7 billion in 2011. Visit us at our website: http://www.lifetechnologies.com [1].

Life Technologies' Safe Harbor Statement This press release includes forward-looking statements about our anticipated results that involve risks and uncertainties. Some of the information contained in this press release, including, but not limited to, statements as to industry trends and Life Technologies' plans, objectives, expectations and strategy for its business, contains forward-looking statements that are subject to risks and uncertainties that could cause actual results or events to differ materially from those expressed or implied by such forward-looking statements. Any statements that are not statements of historical fact are forward-looking statements. When used, the words "believe," "plan," "intend," "anticipate," "target," "estimate," "expect" and the like, and/or future tense or conditional constructions ("will," "may," "could," "should," etc.), or similar expressions, identify certain of these forward-looking statements.

Important factors which could cause actual results to differ materially from those in the forward-looking statements are detailed in filings made by Life Technologies with the Securities and Exchange Commission. Life Technologies undertakes no obligation to update or revise any such forward-looking statements to reflect subsequent events or circumstances.

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