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Thrive Bioscience announces instruments and services agreement with the Harvard Stem Cell Institute

Instruments and services agreement focuses on the automation of induced pluripotent stem cell culture processes

WAKEFIELD, Mass. (July 7, 2016) – Thrive Bioscience, a manufacturer of automated cell culture management systems, and the Harvard Stem Cell Institute (HSCI), Cambridge, Massachusetts, today announced an agreement under which Thrive will develop instruments for the growth and maintenance of induced pluripotent stem cells (iPSCs). The agreement includes development of automated iPSC protocols critical to HSCI and its researchers. HSCI plans to utilize the Thrive systems within the Harvard Stem Cell Institute iPS Core Facility and affiliated research sites.

Thrive Bioscience is developing automated cell culture management systems that provide both reproducibility and scalability, while maintaining the optimal cell culture environment throughout the process. Utilizing machine learning, imaging and analytical data, the system makes intelligent decisions as it advances through protocol steps. The integration of many technologies, including robotics, fluidics, optics and image processing, automate the growth and expansion of established cell and iPSC lines as well as the identification and removal of spontaneously differentiated stem cells. A complete documentation package, including images and an audit trail, will be provided by the system.

Terms of the agreement include HSCI gaining early access to the Thrive Bioscience technology, purchase of multiple Thrive Bioscience systems by HSCI, protocol development in advanced stem cell applications, including colony sub-cloning in preparation for gene editing, and the production of iPSC derived normal and disease state cell lines. These applications are integral to new, ground-breaking approaches in the discovery of patient therapies and regenerative medicine.

Chief Scientific Officer and Co-Founder, Alan-Philippe Blanchard, Ph.D. stated, “This agreement provides Thrive Bioscience the opportunity to develop systems for world-renowned researchers at Harvard Stem Cell Institute in the highly dynamic and expanding field of stem cell technology. The result is the development of a comprehensive product that meets industry and researcher needs.”

About Thrive Bioscience, Inc.

Cell culture is a fundamental research tool used globally by over 60,000 laboratories for an expanding range of research studies and therapy development. Laboratory cell culture has changed very little over its 60-year history and now the manual, undocumented technique is a major research bottleneck. Thrive Bioscience, based in Wakefield, Massachusetts, is automating the cell culture process through technology integration and innovation. The resulting automated cell

culture management system delivers reproducible and scalable cell culture for basic and drug discovery research. For additional information visit: www.thrivebio.com

Thrive Bioscience was named one of the “Top 30 Life Science Start-ups to Watch in the U.S.” and “NextGen Bio Class of 2015 by Biospace”.

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