

PBS's Nova ScienceNow Features Harvard Bioscience Bioreactors for Lung and Airway Regeneration

HOLLISTON, Mass., Feb. 8, 2011 (GLOBE NEWSWIRE) -- Harvard Bioscience, Inc. (Nasdaq:HBIO), a global developer, manufacturer and marketer of a broad range of specialized products used to advance life science research and regenerative medicine, is pleased to announce that its LB2 Lung Regeneration Bioreactor was featured on PBS's *Nova ScienceNow* television program on January 27, 2011. The lung research and transplantation work was conducted by Dr. Harald Ott at Massachusetts General Hospital.

Harvard Bioscience's bioreactor is featured in a segment of the program titled "Replacing Body Parts," focusing on the ability of new technology to grow human organs, including hearts, lungs and airways for transplantation. The segment includes footage of Claudia Castillo, the recipient of an airway regenerated from her own cells in a different bioreactor, the InBreath Hollow Organ Regeneration Bioreactor, and transplanted by Dr. Paolo Macchiarini. The InBreath technology is exclusively licensed to Harvard Bioscience. Dr. Macchiarini notes that Ms. Castillo is not only leading a normal, productive life but, because the airway was grown from her own cells, has never taken immune suppression drugs. In a normal human organ transplant the recipient needs to take immune suppression drugs for life which is both costly and makes the patient vulnerable to infection.

The host of the program, Dr. Neil deGrasse Tyson, notes that approximately 20 Americans die every day while waiting for an organ transplant and that this technology creates the potential for an unlimited supply of organs for transplantation and the elimination of waiting lists for transplant recipients. Dr. Joseph Vacanti, also of Massachusetts General Hospital, notes that the US waiting list for organ transplants is over 100,000 people. Dr. Doris Taylor of the University of Minnesota, who created the world's first regenerated heart, notes that she believes the large-scale implementation of this technology in hospitals is not decades but only years away.

To view complete footage of the segment, please access the following link:

www.wgbh.org/programs/Nova-ScienceNow-390/episodes/Replacing-Body-Parts-24373

About Harvard Bioscience

Harvard Bioscience ("HBIO") is a global developer, manufacturer and marketer of a broad range of specialized products, primarily apparatus and scientific instruments, used to advance life science research and regenerative medicine. We sell our products to thousands of researchers in over 100 countries primarily through our 850 page catalog (and various other specialty catalogs), our website, through distributors, including GE Healthcare, Thermo Fisher Scientific and VWR, and via our field sales organization. HBIO has sales and manufacturing operations in the United States, the United Kingdom, Germany and Spain with additional facilities in France and Canada. For more information, please visit www.harvardbioscience.com.

The Harvard Bioscience, Inc. logo is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=6426>

Forward-looking Statements

This press release contains forward-looking statements within the meaning of the federal securities laws. You can identify these statements by our use of such words as "will," "guidance," "objectives," "optimistic," "potential," "future," "expect," "plans," "estimates," "continue," "drive," "strategy," "crucial," "potential," "potentially," "growth," "long-term," "projects," "projected," "produce," "intends," "believes," "goals," "sees," "seek," "develop," "possible," "new," "enabling," "emerging," "opportunity," "pursue" and similar expressions that do not relate to historical matters. Forward-looking statements in this press release may include, but are not limited to, statements or inferences about the Company's or management's beliefs or expectations, including with respect to the impact of the Company's acquisition and the future performance of the acquired business, the field of regenerative medicine, opportunities or potential opportunities in the field of regenerative medicine, the Company's business strategy, the positioning of the Company for growth, the market demand and opportunity for the Company's current products or products it is developing or intends to develop, and the Company's plans, objectives and intentions that are not historical facts.

These statements involve known and unknown risks, uncertainties and other factors that may cause the Company's actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Factors that may cause the Company's actual results to differ materially from those in the forward-looking statements include the existence and size of opportunities in the behavior research market, the Company's failure to successfully expand its product offerings, introduce new products or commercialize new

technologies, including in the field of regenerative medicine, decreased demand for the Company's products, including products in the field of regenerative medicine, due to changes in our customers' needs, our ability to obtain regulatory approvals, including FDA approval, for our products, including any products in the field of regenerative medicine, the current size or anticipated size of the regenerative medicine market, the existence and size of opportunities in the regenerative medicine market, our financial position, general economic outlook or other circumstances, overall economic trends, our ability to manage our growth, competition from our competitors, technological changes resulting in our products becoming obsolete, our ability to protect our intellectual property and operate without infringing on others' intellectual property, potential costs of any lawsuits to protect or enforce our intellectual property, research funding levels from endowments at our university customers, plus factors described under the heading "Item 1A. Risk Factors" in the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2009 or described in the Company's other public filings. The Company's results may also be affected by factors of which the Company is not currently aware. The Company may not update these forward-looking statements, even though its situation may change in the future, unless it has obligations under the federal securities laws to update and disclose material developments related to previously disclosed information.

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