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## **Biorep Technologies Selected as Winner for Graphical System Design Achievement Awards**

*Awards from National Instruments Honor Innovations That Meet Complex Engineering  
Challenges*

**MIAMI, FL – August 9<sup>th</sup>, 2010** – Biorep Technologies today announced it has been selected as the winner for the Humanitarian Application of the Year Award at the National Instruments Graphical System Design Achievement Awards ceremony. The award recognizes companies and universities that use graphical system design tools, such as NI LabVIEW, to develop innovative applications that meet complex engineering and science challenges. Biorep Technologies was selected for its entry, titled “Bringing Automation to Cell Secretion Analysis,” which uses the Biorep Perifusion System.

“Given the impressive evolution of the NI product line, we decided to harness the power of LabVIEW to do all of our automation,” said Felipe Echeverri, Engineering Director at Biorep Technologies. “This now signifies a single platform for most of the applications with only one learning curve. Having a LabVIEW platform in place is having a great impact in our efficiency and development capabilities.”

A significant challenge in cell secretion analysis, routinely done with pancreatic islets in type 1 diabetes research, is to improve throughput and repeatability. We created an automated system which allows the stimulation of different cell types with total environmental control and the collection of its secretions according to programmable protocols. This perifusion system has proven to be a valuable tool for testing pancreatic islets in-vitro and can be adapted to study different cell types.

“The Graphical System Design Achievement Award finalists represent some of the most innovative engineers and scientists in the world, and National Instruments is honored to recognize their achievements,” said Jeff Kodosky, cofounder and business and technology fellow at National Instruments. “Through the use of graphical system design techniques and NI technology,



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they are developing cutting-edge applications that are addressing some of today's most challenging engineering problems.”

National Instruments selected the 14 finalists for the Graphical System Design Achievement Awards from the submissions of 162 authors from 23 countries. Finalists were recognized in seven categories: Academic Research and Education, Machine Control and Monitoring, Medical Device Design and Development, Prototype and Validation Test, Robotics, Test and Measurement Wireless Monitoring. Biorep Technologies is the winner in the Humanitarian of the Year Award category.

A panel of technical experts, industry specialists, technical trade publication editors and National Instruments executives determined the award winners in each category based on several criteria including the technical difficulty involved in developing a solution to the engineering challenge and the benefits achieved from using the application. Additionally, awards for the Humanitarian of the Year, Green Engineering Application of the Year, Editor's Choice and Overall Application of the Year were presented.

Readers can learn more about the Graphical System Design Achievement Awards at [ni.com/gsdawards](http://ni.com/gsdawards).

### **About National Instruments**

National Instruments ([www.ni.com](http://www.ni.com)) is transforming the way engineers and scientists design, prototype and deploy systems for measurement, automation and embedded applications. NI empowers customers with off-the-shelf software such as NI LabVIEW and modular cost-effective hardware, and sells to a broad base of more than 30,000 different companies worldwide, with no one customer representing more than 3 percent of revenue and no one industry representing more than 15 percent of revenue. Headquartered in Austin, Texas, NI has more than 5,000 employees and direct operations in more than 40 countries. For the past 11 years, FORTUNE magazine has named NI one of the 100 best companies to work for in America. Readers can obtain investment information from the company's investor relations department by calling (512) 683-5090, e-mailing [nati@ni.com](mailto:nati@ni.com) or visiting [www.ni.com/nati](http://www.ni.com/nati).



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### **About Biorep**

Biorep is a leading global medical technology company that develops, manufactures and sells medical devices and instrument systems. Biorep is focused on advanced diabetes research in order to enhance the quality and repeatability of islet isolations. Biorep's capabilities are vital in fighting one of the world's most pressing diseases. The company serves healthcare institutions, life science research centers, clinical laboratories, the pharmaceutical industry and the general public. For more information, please visit [www.biorep.com](http://www.biorep.com).

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