



FOR IMMEDIATE RELEASE:

Biomerix and KIYATEC Join Forces to Create Industry First Preloaded 3D Cell Culture Products

Just Add Cells: Preassembled, Single-Use Disposable Scaffold + Plasticware Combination

Greenville, SC and Somerset, NJ – December 2, 2011

Biomerix Corporation and KIYATEC announced today a relationship through which high value, high impact microphysiological systems research takes a major leap forward with the launch of 3DKUBE™ - Biomerix 3D Scaffold™ Preloads. By combining 3D scaffolds and perfusion 3D cell culture plasticware in a preassembled, single-use disposable format, the companies have achieved an industry first. The new product will allow 3D cell culture researchers to “just add cells” via perfusion seeding into each Biomerix 3D Scaffold™ housed inside KIYATEC’s 3DKUBE™ 3D Cell Culture Plasticware. Researchers can now economically and conveniently access the huge benefits of actively perfusing their 3D cell-scaffold constructs without having to make or manipulate scaffolds.

The preloaded product incorporates the Biomerix 3D Scaffold™, a non-resorbable polycarbonate polyurethane-urea scaffold matrix structurally designed to mimic the nature and function of the extracellular matrix (ECM). Each scaffold has an interconnected 3D network of cells and pores with 90-95% accessible void content, and provides an *in vitro* cell culture environment that promotes cellular organization, cell-matrix and cell-cell interactions, cellular proliferation and ECM synthesis. To create the new product, the Biomerix 3D Scaffold™ disks are preloaded into a KIYATEC 3DKUBE™ in an “Independent Chambers” configuration and benefit from its leading combination of universality, features and cost-effectiveness.

KIYATEC CEO Matt Gevaert, PhD will take the stage to provide more details in Denver, Colorado on Tuesday, December 6th. He will discuss this and other product innovations during the company’s Exhibitor Showcase workshop at the 2011 Annual Meeting of the American Society for Cell Biology. KIYATEC’s Exhibitor Showcase is sponsored by Sigma Life Sciences, a leading life science and high technology company with \$2.3 billion in sales of chemicals and laboratory equipment in 2010. Sigma distributes KIYATEC’s 3D cell culture products. The new product will also be featured at KIYATEC’s exhibit booth over the course of the three-day meeting.

About KIYATEC

KIYATEC Inc. is a life sciences company commercializing advanced three-dimensional (3D) cell culture plasticware and 3D cell-based assays. 3DKUBE™ 3D Cell Culture Plasticware creates a universal system offering a standardized approach to 3D cell culture. It is the only 3D cell culture platform that incorporates perfusion flow, accommodates all scaffold materials, allows *in situ* imaging, models biological complexity using multiple co-segregated culture chambers, and features the cost-effective benefits of being a single-use disposable. KIYATEC’s 3D cell-based



assays leverage the advantages of the 3DKUBE™ to create high value, high impact cell culture that creates better *in vitro* prediction of complex biochemical responses in humans, with a focus on evaluation of drug toxicity and efficacy prior to use in human clinical trials.

Discover. Develop. Diagnose.™ Kiyatec 3D Cell Culture Delivers. For more information about Kiyatec, visit www.kiyatec.com.

About Biomerix Corporation

Biomerix Corporation is recognized as a leader in the development and manufacturing of innovative non-absorbable and bioresorbable three-dimensional, open-cell, resilient elastomeric polyurethane biomaterials. The Company's expertise includes the development, co-development and supply of new proprietary materials, products and components to customers in the medical, industrial and consumer industries.

For more information please visit www.biomerix.com or call 888.308.3620.