Nano3D Biosciences Releases 96-well BioAssembler for 3D Cell Culture

Nano3D Biosciences (n3D), a company that specializes in three-dimensional (3D) cell culturing technology for the drug discovery, toxicology and life science research markets, announces the release of its 96-well BioAssemblerTM.

Houston, TX (PRWEB) February 12, 2013 -- Nano3D BiosciencesTM (n3D), a company that specializes in three-dimensional (3D) cell culturing technology for the drug discovery, toxicology, and life science research markets, announces the release of its 24-well Bio-AssemblerTM.

"The release of our 96-well BioAssembler is another step forward in our ever increasing offering of 3D cell culture products using our proprietary magnetic levitation cell culture technology. The 96 well format will allow greater throughput and lend itself to laboratory automation technologies which will be of great benefit to high throughput drug screening and toxicity studies," said Chief Scientific Officer Dr. Glauco Souza.

The Bio-AssemblerTM promotes the development and growth of 3D cellular structures through magnetic levitation. It uses a proprietary nanoparticle-based assembly called “Nanoshuttle-PL” to deliver magnetic nanoparticles to the cells. Preparation time and cell manipulation are very similar to that of 2D cell culture or conventional cell culturing methods, with the end result allowing for a more accurate representation of in vivo tissue. The technology is compatible with any media, diagnostic technique or cell type. The company now offers 96, 24, 6 and single well formats. These products are available from MIDSCI in the US, Funakoshi in Japan, Novusc in the UK and directly from n3D.

n3D is proud to bring its groundbreaking solutions for 3D cell culturing to the drug discovery, toxicology, and life science research markets.

About n3D Biosciences

n3D is the award recipient of the Texas Emerging Technology Fund (TETF), National Science Foundation SBIR (Phase I and Phase II) awards, and the Goradia Innovation Prize. Located in Houston, TX this highly innovative biotech start-up is already making waves in the Biotechnology and Nanotechnology industry. The company has been featured in Nature Nanotechnology and MIT Technology Review (Bio-Assembling in 3-D with Magnetic Levitation - Technology Review) for its state-of-the-art 3D cell culturing technology.
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