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Irvin Scientific
For info: 800-577-6097
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The μ-Slide Membrane ibiPore Flow—a product designed for migration and transport studies on cells—enables researchers to culture single or multiple cell types on a porous glass membrane, and then analyze the cells using high-resolution microscopy—something that is not currently possible when using typical polymer cell-culture inserts. This special microscopy chamber contains a cross-channel structure with a thin, porous, optical glass membrane located in between. Cells can be cultured on both sides of the glass membrane and then visualized using phase contrast or fluorescence microscopy. The special construction of the slide allows full fluidic access to the apical and basal sides of adherent cells for cell studies under static or flow conditions. Typical applications include coculture of smooth muscle cells with endothelial cells under perfusion, transmigration of leukocytes with dynamic shear stress, and invasion assays using cancer cells.

ibidi
For info: 844-276-6363
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**Cell Culture System**
The Avatar system enables a new generation of cell-based assays by allowing for complete control of key physiological conditions found in cell microenvironments, including settings for pressure, oxygen, temperature, and carbon dioxide levels. Mimicking the physiological conditions of a sample’s native environment is critical to obtaining accurate and actionable experimental results in important fields such as cancer research, biomarker discovery, lead candidate selection and optimization, stem cell research and regenerative medicine, and immunotherapy drug development. Avatar provides a new platform for culturing and propagating tumor samples, circulating tumor cells from liquid biopsies, stem cells, and primary samples. In addition to enabling the culturing of difficult samples such as tumor biopsies and primary samples, the system overcomes the limitations of traditional cell cultures to generate results that exhibit the phenotypic, genomic, and proteomic characteristics of the native sample.

Xcell Biosciences
For info: 415-937-0321
www.xcellbio.com

**Kinetic Cytometry Imaging**
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Phasefocus
For info: +44-(0)-114-286-6377
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**Automated Cell Counter**
The Countstar Automated Cell Counter is a cell-counting and analysis instrument based on the classic trypan blue staining method. The system integrates advanced optical imaging technology with intelligent image recognition technology to give outstanding results. At its heart is a powerful software system that integrates basic cell counting and cell morphology analysis with analysis charts and data management capabilities. The Countstar offers accurate and rapid counting, innovative cell aggregation correction, and rigorous manual impurity correction. One-stop statistical analysis capability combined with flexible data output and advanced data security features make the Countstar one of the most advanced systems of its type on the market. The Countstar IC1000 measures not only cell concentration and viability, but also gives the average diameter range and aggregation of cells in the form of histograms.

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