

## Pressrelease

Basel, 14. July 2009

# Fluxion's New BioFlux™ 1000 Workstation Enables High-Throughput, High-Content Cellular Analysis

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Fluxion Biosciences introduces the BioFlux 1000 Workstation – a cell analysis system that integrates the company's Well Plate Microfluidic™ technology with automated microscopy for high-throughput shear flow assays. BioFlux 1000 extends Fluxion's line of systems for plate-based, live cell imaging that includes the BioFlux 200, introduced several years ago. The 1000 workstation delivers higher throughput and unattended operation with integrated microscopy and an automated stage that enables fast scanning of the BioFlux plates.

The BioFlux systems bridge the gap between in vitro and in vivo experiments by enabling physiologically relevant shear flow assays in a standard well-plate format. Assays are performed on the BioFlux platform under conditions that mimic those in the human body. This delivers a higher content data set to help ensure that only the most promising compounds move forward into animal and clinical trials. The BioFlux Controller delivers programmable shear flow to the plates while the Fluxion Montage™ software provides analysis and single-point control of all systems components. Ideal applications include research in cell and platelet adhesion, cancer biology, microbiology and biofilms.

"With cellular research on the upswing, biotech and pharmaceutical customers need higher throughput," explained Mark Atlas, director of sales for Fluxion. "The BioFlux 1000 delivers the desired throughput advances along with the higher content that's possible under shear flow conditions."

In order to discuss your specific requirements or a system demonstration at your lab, simply give us a call.

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