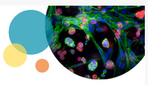


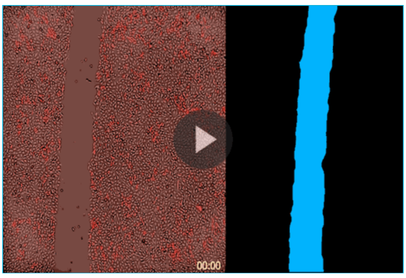
May 2019 Newsletter

cellular imaging • high-throughput screening • colony selection • microplate detection • analysis

[NEW] Video Spotlight

The ImageXpress® Pico Automated Cell Imaging System combines high-resolution imaging with powerful data analysis. With new z-stack acquisition and environmental control functionality, the ImageXpress Pico helps you to advance your discovery even further.

To learn more, click on the video below.



[NEW] Application Spotlight

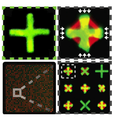
Measure total protein in cell lysates

Quantification of protein concentrations from cell lysates is a key step for many downstream applications, such as western blots and enzyme-linked immunosorbent assays (ELISAs). The Pierce Rapid Gold BCA and Pierce Detergent Compatible protein assays provide users easy methods for quantification of total protein in cell lysate samples without long incubation times or worries over the effects of detergent in lysis buffers.

The SpectraMax® ABS Plus reader with SoftMax® Pro Software offers a complete solution for data acquisition and analysis, with preconfigured protocols that plot standard curves and calculate sample concentrations automatically. With the Speed Read setting, a 96-well plate can be read in just five seconds, further streamlining the process of protein quantification.

Download Application Note ▶

[NEW] Poster/Application Spotlight



High-throughput single-cell contractility measurements using FLECS Technology

Read about the development of an automated single-cell functional contractility assay called FLECS (**Forcyte Biotechnologies**) to assess both the tonic contractility of cells and the ability of test compounds to modulate the forces applied by the cells.

Download Poster and Application Note ▶

Infographic Spotlight

Putting together a patch-clamp rig can be intimidating. To help you get started, we've simplified the process with this quick infographic that details the importance of each component in a complete setup.

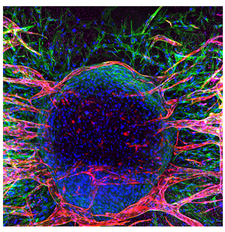
Download Infographic ▶

Customer Spotlight

MIMETAS, the organ-on-a-chip company

MIMETAS uses their OrganoPlate®, a unique 3D organ-on-a-chip platform, to develop disease, toxicology, and transport models for research, development and drug screening. They use the ImageXpress® Pico and ImageXpress® Micro Confocal systems to develop tissue models for their OrganoPlates.

Read More ▶



Vascularized liver spheroid in the OrganoPlate (Blue: DNA, Green: Actin, Red: RFP-HUVEC, Magenta: VE-Cadherin)

Events

LABVOLUTION
Booth #B72
May 21-23, 2019
Hannover, Germany

ELRIG - Advances in Cell Based Screening in Drug Discovery
May 22-24, 2019
Gothenburg, Sweden

3D-Culture, Organoids & Tox Screening
Booth #E4
June 13-14, 2019
Rotterdam, The Netherlands

Organ-on-a-chip & Tissue-on-a-chip
Booth #19
June 18-19, 2019
Rotterdam, The Netherlands

SLAS Europe
June 26–28, 2019
Barcelona, Spain

ISSCR
Booth #407
June 26–29, 2019
Los Angeles, CA, USA

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