MOLECULAR DEVICES
ADVANCING DISCOVERY

August 2021 Newsletter

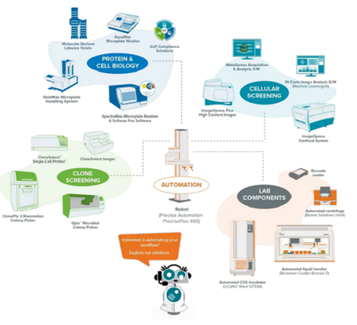

**Welcome to the August edition of our newsletter!**

Bringing you our latest discoveries in high-throughput screening, genomic and cellular analysis, colony selection, and microplate detection. Visit us at: moleculardevices.com

## NEW
### Lab Automation Solutions

**Explore lab automation-ready workflows for an end-to-end, high-throughput screening solution**

No matter the scientific question or application at hand, an automated workflow can bring answers to light, faster. By integrating leading technology from across the industry into a flexible, customizable workcell, researchers can greatly optimize their time in the lab and free up resources for other critical tasks, speeding discovery.




- **Lab automation for high-content screening (HCS):** Our automated, high-content screening workcell provides an end-to-end solution that helps standardize live 2D/3D cellular development process with cell culture, treatment, and incubation, through to imaging, analysis, and data processing, delivering consistent, unbiased, and biologically-relevant results at scale.
- **Lab automation for high-throughput ELISA workflow:** Enzyme-linked Immunosorbent Assay is one of the most popular quantitative methods to detect a target antigen such as toxin or foreign substance within a sample. The assay is easy to set up and the range of potential analytes is vast, but the assay procedure is time consuming and labor intensive.
- **Lab automation for high-throughput clone screening:** Scalable and simple-to-use products establish clonal populations for antibody discovery and cell line development. Our automated clone screening workflows integrate laboratory devices to increase your throughput and efficiency while reducing human interaction.

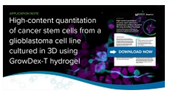
**Explore Lab Automation**


### Application Spotlight

**Cellular signaling and cellular responses**

Many tools have been developed to measure cellular responses occurring through a wide range of signaling pathways. Here, we present a variety of cell signaling applications that can be run using microplate readers with fluorescence, TR-FRET, fluorescence polarization, and luminescence detection modes.

**Learn More**




### Application Spotlight

**Develop scalable, high-content 3D assays for cancer stem cells**

Developing 3D high-content assays that are suitable for high-throughput screening requires careful consideration.

Read how GrowDex-T® hydrogel provides well-defined support for cells that are easy to work with and provides a reliable means of assay development.

**Download Application Note**


### Transform your cell imaging

**Simplify your complex cell imaging and analysis with robust, easy-to-use workflows**

Maintaining sample integrity during the course of your cell imaging experiments, while acquiring images with sufficient resolution to generate meaningful and reproducible data, is critical for revealing complex cellular and biological pathways. This eBook highlights how you can perform a wide variety of complex cellular imaging assays easily.

**Download eBook**

### Product Spotlight

**Advance your microbial and mammalian clone screening with proven, automated technologies**

Check out our updated offerings to automate and expand your bioproduction processes. Our proven solutions provide dedicated, scalable, and easy-to-use products for establishing clonal populations.


**View Brochure**

## EVENTS

**SIMB (Society of Industrial Microbiology & Biotechnology) Annual Meeting**
August 8-11, 2021 | Austin, TX

**The 13th Annual Bioprocessing Summit - Hybrid**
August 16-19, 2021 | Boston, MA

**LabDays Aarhus 2021**
September 15-16, 2021 | Aarhus, Denmark

**ELRIG DE Digital Forum - Virtual**
September 16, 2021

**19th Annual Discovery on Target Conference - Hybrid**
September 27-30, 2021 | Boston, MA

**SynBioBeta 2021**
October 4-6, 2021 | Oakland, CA

**SBI² (Society of Biomolecular Imaging and Informatics) 2021 - Virtual**
October 5-6, 2021

**SLAS 2021 Building Biology in 3D Symposium - Hybrid**
October 26-27, 2021 | Jupiter, FL

## JOIN OUR TEAM

Ready to reach your full potential? Click here to see what life is like at Molecular Devices.