

Corning Life Sciences Showcases 3D Cell Culture Technologies at SLAS2022; Corning 3D solutions, including the company's new Matribot[®] bioprinter, support life science innovation in areas including drug screening and precision medicine

DETAILS: CORNING, N.Y. – Corning Incorporated will highlight its latest technologies that support the advancement of 3D cell culture and drug discovery at this year's Society for Laboratory Automation and Screening (SLAS) conference in Boston on Feb. 5 through 9.

Corning will showcase two of the newest products in its drug discovery portfolio in support of automated workflows: the Corning Matribot Bioprinter and the Corning Lambda™ EliteMax Semi-automated Benchtop Pipettor.

The Matribot Bioprinter is a first-of-its-kind, flexible, semi-automated benchtop system that is designed to dispense and print temperature-sensitive hydrogels such as Corning Matrigel[®] Matrix and Collagen without cold blocks, ice buckets or a cold room — all within a small footprint. The Lambda™ EliteMax Semi-automated Benchtop Pipettor is an affordable and easy-to-use liquid handler that can support a variety of activities, from simple plate fillings to complex protocol requirements.

Corning Life Sciences (CLS) experts, including Kim Titus, director of Global Business Operations for CLS, will be available on-site to discuss how these new tools are being used to advance drug discovery and 3D cell culture capabilities. “Corning has always been inspired by the needs of our customers,” Titus said. “By addressing industry pain points, like how advanced cell culture techniques can be brought into a more automated environment, we can help accelerate discovery in critical areas like drug screening and cancer research.”

Titus also begins her journey as a [newly appointed member of the SLAS Board of Directors](#), where she hopes to accelerate life sciences innovation by encouraging partnerships between technology providers and users, enabling the sharing of scientific discoveries and removing barriers to discovery.

The company will also spotlight three of its most popular products used in 3D cell culture. This includes Corning Matrigel Matrix-3D Plates, which can provide a consistent, ready-to-use cell culture format to support organoid and spheroid models, and Corning Matrigel Matrix for Organoid Culture, an optimized extracellular matrix that reduces the need for time-consuming screening and provides the reproducibility and consistency essential for organoid research. Also featured is the Corning Elplasia[®] plate, which leverages microcavity technology to simplify high-volume spheroid production, enabling the generation and culture of thousands of spheroids per plate under uniform culture conditions.

Corning and its customers will also offer several presentations ([register here](#)) including:

- **Short Course: Level Up Your 3D Cell Culture: From Research to High Throughput Screening**
Sunday, Feb. 6, 2022
8:30 a.m. - 12:30 p.m. EST

Presented by: Hilary Sherman, B.S., senior scientist, Cell Biology, Corning Life Sciences; Angeline Lim, Ph.D., imaging applications scientist, Molecular Devices; and Oksana Sirenko, Ph.D., senior scientist, Molecular Devices

- **Solutions Spotlight: Tools to Accelerate 3D Cell Culture**
Monday, Feb. 7, 2022 (Exhibition Theater; #2644)
11 - 11:20 a.m. EST
Topic: Accelerating and scaling spheroid and organoid workflows
Presented by: Chris Suarez, Ph.D., field applications manager, Corning Life Sciences
- **Tutorial Session: Tumor Organoid and HTS Models for Precision Medicine and Novel Leads**
Tuesday, Feb. 8, 2022 (Room 104B)
9 - 10 a.m. EST
Topic: Exploring tumor organoids as 3D models for precision oncology and developing 3D models of solid tumors from diverse cancers
Presented by: Virneliz Fernandez-Vega, B.S., scientific associate, Scripps Research; Hui-Hsuan (Helen) Kuo, B.S., Ph.D. candidate, Weill Cornell Medicine; and Elizabeth Abraham, Ph.D., business manager, Advanced Cell Culture, Corning Life Sciences

To [learn](#) about how Corning is helping enable advancements in 3D cell culture with innovative technologies and workflow solutions, view the company's exhibit, #1808, and schedule a meeting (virtually or in person) with a member of the Corning executive team. To schedule, please contact:

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About Corning Incorporated

Corning (www.corning.com) is one of the world's leading innovators in materials science, with a 170-year track record of life-changing inventions. Corning applies its unparalleled expertise in glass science, ceramic science, and optical physics along with its deep manufacturing and engineering capabilities to develop category-defining products that transform industries and enhance people's lives. Corning succeeds through sustained investment in RD&E, a unique combination of material and process innovation, and deep, trust-based relationships with customers who are global leaders in their

industries. Corning's capabilities are versatile and synergistic, which allows the company to evolve to meet changing market needs, while also helping our customers capture new opportunities in dynamic industries. Today, Corning's markets include optical communications, mobile consumer electronics, display, automotive, and life sciences.