

Damp Lab and eLabNext partner to launch software for easy ordering and outsourcing of molecular biology services

BOSTON, MA, UNITED STATES, November 8, 2024 /EINPresswire.com/ -- The Design, Automation, Manufacturing, and Processes (DAMP) Lab and [eLabNext](#) announced a formal partnership today to coincide with the kick-off of the International Workshop for BioManufacturing Automation 2024 at Boston University (BU). The cooperative plan will focus on building an ordering platform for the [DAMP lab](#)'s suite of molecular biology services, which will be called DAMP Lab Canvas, and integrating it with the eLabNext Digital Lab Platform (DLP).

"This initiative could provide an open-ecosystem software to biotech companies and the entire science community that could streamline their manufacturing and discovery processes," explains Professor Douglas Densmore, PhD, Director of the DAMP Lab. "We chose to collaborate with eLabNext because the platform is so easy to use and the positive, supportive relationship we've developed over years of working alongside one another."

For the past few years, the DAMP Lab and eLabNext have worked together, most notably during the COVID-19 pandemic, to process [2.4 million](#) COVID-19 tests between 2020 and 2022 to limit the spread of the virus across the BU campus. The eLabNext DLP was integral in this effort, acting as a robust ELN & LIMS for protocol storage, inventory management, and sample tracking.

"This collaboration is rooted in an alignment on several foundational values, all to encourage innovation in the scientific community," says Zareh Zurabian, Head of eLabNext, Americas.



“Creating the tools for any organization to build an ecosystem that connects all of their digital needs to optimize their physical lab operations is a win for everyone. On a more granular level, this collaboration simplifies the ordering process, connects customers directly with vendors, and facilitates the transfer of protocols and other information between eLabNext and other laboratory systems. Together, we hope to garner more engagement in automated LIMS management and ease the burden of order placement with the DAMP Lab.”

About eLabNext

eLabNext is a Digital Lab Platform (DLP), that offers an intuitive and flexible solution to collect, manage, and analyze laboratory information. The software includes modules for an Electronic Lab Notebook (ELN), Laboratory Information Management System (LIMS), sample tracking, inventory management, protocol management, and a wide range of marketplace add-ons to extend functionality. eLabNext enhances productivity by streamlining the processes of documenting, organizing, searching, and archiving data, samples, and protocols. The data is accessible through cloud-hosted ISO-certified data centers. The software is most suitable for industry R&D labs, ranging from start-ups to mid-size pharma and biotech companies and academic research groups and institutes.

For more information about eLabNext, please visit www.elabnext.com.

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About DAMP Lab at BU

The mission of the DAMP lab at Boston University is to develop novel biological systems using formal representations of protocols and experiments for the specify-design-build-test cycle. This will allow for faster, more scalable, and reproducible research results that can be transitioned from academia to society. They use their expertise to deliver consistent, reproducible, and high-throughput results that can be shared among researchers. These characteristics are vital to address synthetic biology-related research efforts where time, cost, scalability, and result quality are paramount. The DAMP Lab offers over 45 molecular biology protocols, including DNA assembly, PCR, DNA/RNA purification, cloning (transformation, plating, colony picking, DNA quantification), preparation of libraries for next-generation sequencing, gene reporter assays, flow cytometry sample preparation, among others.

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