

## News Release

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## MilliporeSigma's Latest Technologies Earn Industry Recognition for Accelerating Bioprocessing 4.0

- **Blazar™ Platform from MilliporeSigma's BioReliance® portfolio wins R&D 100 and CPhI Awards for reducing testing times by 80 percent**
- **Bio4C™ ProcessPad shortlisted for CPhI Award for automating data acquisition and analysis**

Burlington, Massachusetts, November 10, 2020 – [MilliporeSigma](#) today announced that its first-to-market [Blazar™ platform](#) from the [BioReliance® portfolio](#) has won R&D 100 and CPhI Awards for its ability to reduce testing times by up to 80 percent. MilliporeSigma's [Bio4C™ ProcessPad](#), part of the company's expanding [BioContinuum™ Platform](#), also made the shortlist for the 2020 CPhI Awards. These awards honor the latest and best innovations, identifying the top products of the past year.

"MilliporeSigma is providing advanced products and services that help bring important drug therapies to market, faster," said Andrew Bulpin, head of Process Solutions at MilliporeSigma. "Our advancements set the standard for how drug production is done today and shape the possibilities of tomorrow."

The company has been a key driver of the industry's evolution to BioProcessing 4.0, which uses advanced digital and process technologies to offer a step change in productivity.

MilliporeSigma's Blazar™ platform earned the 2020 CPhI Pharma Award in the Analysis, Testing and Quality Control category. The first-to-market platform was also named a winner in the 2020 R&D 100 Awards' Analytical/Test category. This technology represents a fundamental shift in biosafety testing within the industry

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toward rapid molecular methods, reducing testing time by up to 80 percent, or to as little as seven days. The platform can detect a broad range of viruses and is well-suited to cell line characterization and bulk-harvest lot release testing.

MilliporeSigma's Bio4C™ ProcessPad made the shortlist for the 2020 CPhI Pharma Awards' Digital Innovation category. The Bio4C™ ProcessPad, part of the "Collect" dimension of the Bio4C™ Suite, is a browser-based platform that allows users to acquire, aggregate and analyze data from disparate sources such as equipment, batch records, databases and historians across the bioprocess. The Bio4C™ ProcessPad automates data acquisition and analysis tasks, freeing scientists and engineers to minimize the time to decision and action. With more than 65 years of experience in downstream processing, MilliporeSigma offers an expansive range of technologies and services to help tackle downstream processing challenges from development to full-scale production.

MilliporeSigma is committed to helping its customers deliver lifesaving therapies to more patients, faster, by increasing efficiencies and reducing costs.

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### **About the Life Science business of Merck KGaA, Darmstadt, Germany**

The Life Science business of Merck KGaA, Darmstadt, Germany, which operates as MilliporeSigma in the U.S. and Canada, has some 22,000 employees and 59 manufacturing sites worldwide, with a portfolio of more than 300,000 products focused on scientific discovery, biomanufacturing and testing services. Merck KGaA, Darmstadt, Germany completed its \$17 billion acquisition of [Sigma-Aldrich](#) in November 2015, creating a leader in the \$125 billion global life science industry.

Merck KGaA, Darmstadt, Germany, a leading science and technology company, operates across healthcare, life science and performance materials. Around 57,000 employees work to make a positive difference to millions of people's lives every day by creating more joyful and sustainable ways to live. From advancing gene-editing technologies and discovering unique ways to treat the most challenging diseases to enabling the intelligence of devices – the company is everywhere. In 2019, Merck KGaA, Darmstadt, Germany generated sales of €16.2 billion in 66 countries.

The company holds the global rights to the name and trademark "Merck" internationally. The only exceptions are the United States and Canada, where the business sectors of Merck KGaA, Darmstadt, Germany operate as EMD Serono in healthcare, MilliporeSigma in life science, and EMD Performance Materials. Since its founding 1668, scientific exploration and responsible entrepreneurship have been key to the company's technological and scientific advances. To this day, the founding family remains the majority owner of the publicly listed company. For more information about Merck, KGaA, Darmstadt, Germany, visit [www.emdgroup.com](http://www.emdgroup.com).

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