

## Optimal showcases PAT for bioprocessing at the 7th Bioproduction Congress

**Optimal Industrial Technologies will highlight the benefits of Process Analytical Technology (PAT) for bioprocessing applications at the 7th Bioproduction Congress. Taking place from 29th - 30th September 2022 at the L'Espace Tête d'Or in Lyon, visitors can discover how PAT enhances quality, reduces costs and saves time in the manufacture of biotherapeutics.**

The Bioproduction Congress gathers key players in biopharmaceutical manufacturing every year, showcasing the latest innovations in bioprocessing. A joint conference and exhibition, the event is the perfect forum for breakthrough solutions such as PAT, which will be represented by Optimal's widely adopted, award winning synTQ knowledge management platform.

Visitors will also be able to meet with Optimal experts on Booth 35 to learn how synTQ supports the effective digital transformation of bioproduction processes, maximising efficiency, productivity and consistency. Implementing PAT with synTQ reduces scale up and cycle times while enabling continuous manufacturing – all of which speed up supply for therapies.

Michael Sachpekidis, Business Development Manager at Optimal, will present the benefits of PAT on Thursday 29th September at 14:00 as part of the 'Reassessing critical quality attributes (CQA) for mAbs & Vaccines: latest developments' session. The presentation ***Measure, Understand, Control, Improve: How PAT knowledge management utilises CQAs to enhance bioproduction and support digital transformation*** will explore how PAT knowledge management software provides real-time, continuous, closed-loop control of processes to get medicines of higher quality to patients within reduced timeframes.

As a real-time, Big Data driven platform, synTQ offers manufacturers a market advantage in biotherapeutics production. It ensures a Quality by Design (QbD) approach, full process control, traceability and quality assurance. Furthermore, synTQ helps to expedite research and development, allowing users to make quick, accurate decisions regarding products.

Martin Gadsby, VP at Optimal, adds: *"synTQ is the most widely adopted PAT knowledge management platform, with over 60% of major pharmaceutical manufacturers using it. For bioprocessing applications, where control, quality and productivity are paramount, PAT offers a competitive edge to manufacturers, optimising processes and helping to get products to market faster."*

***The 7th Bioproduction Congress takes place from 29th-30th September 2022 at the L'Espace Tête d'Or in Lyon, France. Visitors can meet with Optimal on Booth 35 during the show:***  
<http://www.biopcongress.com/>

**Image caption:** Optimal Industrial Technologies will highlight the benefits of Process Analytical Technology (PAT) for bioprocessing applications at the 7th Bioproduction Congress.

## About Optimal Industrial Technologies Ltd

Within the Optimal group, we have more than 30 years' experience in the automation and optimisation of control and data management systems for the food, chemical, pharmaceutical, biotech, life science and other process industries.

The demands being placed on manufacturers in relation to getting products to market sooner, minimising development and production costs together with increasing product quality and business sustainability are ever increasing. Our primary aim is to deliver measurable improvements in all these target areas.

In addition to practical automation and system integration expertise, Optimal Industrial Technologies has also developed the world-leading PAT Knowledge Management software platform – synTQ® – which is used by over 60% of the world's leading pharmaceutical and biotech companies, and is now being adopted by other process industries. synTQ has been a proven enabler of QbD via PAT by significantly increasing productivity and quality, while reducing waste, time to manufacture and time to market for batch and continuous processes.

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