Title Line 1: Digital Twin Platform Provider and Process Control Powerhouse combine efforts for Predictive Biopharmaceutical Manufacturing advancements.

Title Line 2: **Predictive Digital Twin technology and Advanced Bioprocess Control to be integrated through Yokogawa and Insilico Biotechnology merger.**

The unique integration of bioprocess mechanistic modeling with artificial intelligence enables unmatched predictive capabilities by creating digital twin models *in silico*. This capability of [Insilico Biotechnology AG](https://www.insilico-biotechnology.com) was recognized by [Yokogawa](https://www.yokogawa.com) as a leading technology to synergize with their developing product portfolio for biomanufacturing process control and automation. Yokogawa’s acquisition of Insilico Biotechnology AG is yet another strategic move to strengthen its intellectual property base for innovative biopharmaceutical research equipment and biologic manufacturing technologies.

Having launched the lab-scale [BR1000 Advanced Control Bioreactor System](https://www.yokogawa.com/solutions/products-platforms/life-science/bioreactor/br1000/) earlier this year, there are now multiple units placed in the USA and Japan. Its advanced model predictive control, automated glucose- feeding and cell model customization features are unique among bioreactor systems. The integrated, PAT driven, real-time sensing capabilities of the BR1000 make it ideal for biologics development. … and fully-automated small scale pre-clinical sample production.

Together, the bioprocess modeling know-how of Insilico Biotechnology AG and decades of process control experience of Yokogawa are expected to synergize, resulting in superior IT-driven innovative manufacturing solutions for the biopharmaceutical industry. Direct benefits to drive the BioPharma4.0 manufacturing transformation of your company are much closer than you think. To learn how Yokogawa and Insilico Biotechnology can assist you today, contact us for more details ([info@insilico-biotechnology.com](mailto:info@insilico-biotechnology.com)) or visit the Insilico website *News & Events* pages ([www.insilico-biotechnology.com](http://www.insilico-biotechnology.com)) to see how we have successfully served many leading global biopharma organizations already.