

FULLY INTEGRATED CONTINUOUS ANTIBODY PROCESSING DEMONSTRATES IMPROVED PRODUCTIVITY

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Continuous processing has been an important topic in the biopharmaceutical industry for the past few years. However, as this technology is still at an early stage, continuous processing has remained largely siloed to individual steps with little thought towards combining each stage to create a fully continuous process.

This presentation will show a fully integrated continuous process, from production bioreactor to drug substance at pilot scale, as well as touch on considerations for manufacturing costs and facility throughput. Specific emphasis will be given towards the production perfusion bioreactor, capture using multicolumn chromatography, viral inactivation, and buffer exchange.