

WuXi Biologics to install largest CSR disposable Bioreactor

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WuXi Biologics, a leading global open-access biologics technology platform company offering end-to-end solutions for biologics discovery, development and manufacturing.

The company announced that it has selected 4,000 liter (L) Custom Single Run (CSR®) disposable bioreactors from ABEC for its new commercial manufacturing facility (MFG4) in Wuxi city, Jiangsu, China.

The partnership followed WuXi Biologics' successful testing and evaluation of ABEC's CSR bioreactor technology.

The 4,000L CSR is the largest single-use bioreactor size available in the industry and potentially largest-ever design in conventional disposable bioreactors, resulting in higher productivity and significantly lowering the cost of goods for cell culture-based biopharmaceuticals.

The system also delivers performance comparable to stainless steel systems of that scale and can be fully customized for different products, resulting in higher cell culture productivity and faster process transfer and scale-up.

With the scale-out strategy that WuXi Biologics pioneered in the industry to use multiple disposable bioreactors for commercial manufacturing, 4,000L CSRs will enable manufacturing up to the scale of 24,000L comparable to traditional stainless steel bioreactors yet still achieving the advantages of CAPEX and timeline reduction benefited from disposables.