
Emergent BioSolutions and Novavax to Manufacture NanoFlu and Develop COVID-19 Vaccine



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Emergent BioSolutions signed an agreement with Novavax whereby Emergent will provide molecule-to-market contract development and manufacturing (CDMO) services to produce Novavax NanoFlu™.

[Emergent BioSolutions Inc.](#) today announced an agreement with [Novavax, Inc.](#) whereby Emergent will provide molecule-to-market contract development and manufacturing (CDMO) services to produce Novavax's NanoFlu™, its recombinant quadrivalent seasonal influenza vaccine candidate with its proprietary Matrix-M™ adjuvant. Novavax recently announced that NanoFlu met all primary objectives in its Phase 3 clinical trial evaluating immunogenicity and safety in adults aged 65 and older.

“Emergent is pleased to expand our collaboration with Novavax to include large-scale production of NanoFlu, their novel influenza vaccine,” said Syed T. Husain, SVP and CDMO business unit head at Emergent BioSolutions. “Our flexible and integrated CDMO offerings allow us to work with expedited timelines, execute on simultaneous engagements, and serve varying needs and approaches of customers like Novavax. As a trusted partner, we are committed to supporting Novavax’s goals to advance their influenza program while maintaining the option to allocate capacity for a potential scaled-up COVID-19 program.”

[Nanotechnology in Battle Against Coronavirus ...](#)

Under the terms of the agreement, Emergent will provide drug substance manufacturing services, including technology transfer and process validation and performance qualification to pave the way for commercial manufacturing. This work will be conducted at Emergent’s

Baltimore Bayview location, which is designated by the U.S. Department of Health and Human Services ([HHS](#)) as a Center for Innovation in Advanced Development and Manufacturing ([CIADM](#)), and where the COVID-19 experimental vaccine candidate of Novavax is also being produced. The collaboration allows for flexibility to deploy capacity towards an expanded COVID-19 program.

“Our confidence in partnering with Emergent comes from their reputation for high-quality production and ability to scale-up manufacturing,” said Stanley C. Erck, president, and chief executive officer of Novavax. “We believe Emergent’s manufacturing capabilities will allow us to capitalize on NanoFlu as an innovative, improved alternative to traditional egg-based flu vaccines.”

Emergent’s Bayview facility has unique capabilities across four independent suites to produce at clinical scale to get candidates rapidly into the clinic, while at the same time scaling up to enable large-scale manufacturing to up to 4000L to prepare for production of commercial volumes to meet customer demand. Additionally, as a CIADM, it has the capacity to produce tens to hundreds of millions of doses of vaccine on an annual basis, based upon the platform technology being used.

Read the [original article](#) on GlobeNewswire.