



Emergent BioSolutions Starts Phase I Clinical Trial for Third Generation Anthrax Vaccine

December 27, 2010

ROCKVILLE, Md., Dec 27, 2010 (BUSINESS WIRE) -- Emergent BioSolutions Inc. (NYSE:EBS) today announced the initiation of a Phase I clinical trial for NuThrax™ (Anthrax Vaccine Adsorbed with CPG 7909 Adjuvant), also known as AV7909, with the dosing of the first subject. The product candidate, a third generation vaccine being developed as part of Emergent's anthrax franchise, consists of BioThrax^(R) (Anthrax Vaccine Adsorbed) in combination with a novel immunostimulatory compound, CPG 7909.

"Emergent is pleased to commence this clinical trial in support of the U.S. government's multiple product strategy to strengthen the nation's biodefense capabilities," said Daniel J. Abdun-Nabi, president and chief operating officer of Emergent BioSolutions. "We believe this third generation anthrax vaccine has the potential to exhibit advanced characteristics such as requiring fewer doses, generating an enhanced immune response, and having a favorable shelf life. If successful, this could be an attractive candidate for the government's growing arsenal of medical countermeasures."

The Phase I clinical trial, a parallel arm dose-ranging study, is designed to evaluate the safety, tolerability, and immunogenicity of the vaccine candidate. The study is being conducted in multiple sites within the U.S. and involves 105 healthy volunteers. Preliminary data from this study is expected to be available in the third quarter of 2011.

This Phase I trial is being conducted with support from a development contract that is jointly administered under contract number HHSN272200800051C by the National Institute of Allergy and Infectious Diseases (NIAID), a component of the National Institutes of Health (NIH), and the Office of the Biomedical Advanced Research and Development Authority (BARDA) of the Department of Health and Human Services (HHS).

About Emergent BioSolutions Inc.

Emergent BioSolutions Inc. is a global biopharmaceutical company focused on the development, manufacture and commercialization of vaccines and antibody therapies that assist the body's immune system to prevent or treat disease. Emergent's marketed and investigational products target infectious diseases, oncology, and autoimmune disorders. Additional information about the company may be found at www.emergentbiosolutions.com.

Safe Harbor Statement

This press release includes forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Any statements, other than statements of historical fact, including statements regarding our strategy, future operations, future financial position, future revenues, projected costs, prospects, plans and objectives of management, including any potential future securities offering, our expected revenue growth and net earnings for 2010, and any other statements containing the words "believes", "expects", "anticipates", "plans", "estimates" and similar expressions, are forward-looking statements. There are a number of important factors that could cause the company's actual results to differ materially from those indicated by such forward-looking statements, including the success of our ongoing and planned preclinical studies and clinical trials; our plans to pursue label expansions and improvements for BioThrax^(R); the rate and degree of market acceptance and clinical utility of our products; the success of our ongoing and planned development programs; the timing of and our ability to obtain and maintain regulatory approvals for our other product candidates; our commercialization, marketing and manufacturing capabilities and strategy; our estimates regarding expenses, future revenue, capital requirements and needs for additional financing; and other factors identified in the company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2010 and subsequent reports filed with the SEC. The company disclaims any intention or obligation to update any forward-looking statements as a result of developments occurring after the date of this press release.

SOURCE: Emergent BioSolutions Inc.

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