



-FOR IMMEDIATE RELEASE-

PFENEX INC. AWARDED CONTRACT WITH THE UNITED STATES FEDERAL GOVERNMENT POTENTIALLY TOTALING UP TO \$18.8 MILLION TO DEVELOP A ROBUST PFENEX EXPRESSION TECHNOLOGY BASED PROCESS FOR THE PRODUCTION OF BULK RECOMBINANT PROTECTIVE ANTIGEN (rPA) FROM ANTHRAX.

Funding will be provided by the Biomedical Advanced Research and Development Authority (BARDA), within the Office of the Assistant Secretary for Preparedness and Response in the U.S. Department of Health and Human Services.

San Diego, CA, August 3, 2010 – Pfenex Inc. today announced that the Department of Health and Human Services (HHS), through the Biomedical Advanced Research and Development Authority (BARDA) has awarded Pfenex a contract providing for up to a total of \$18.8 million in funding, provided that certain milestones are achieved and that all contract options and extensions are exercised by the government. The contract will support the development of a robust *Pfenex Expression Technology*[™] based production strain and process for the production of bulk recombinant protective antigen (rPA) from anthrax. Pursuant to the contract, Pfenex will apply its proprietary *Pfenex Expression Technology* platform to identify high producing expression strains capable of producing high titers of stable rPA. Pfenex will then leverage its process development and scale up capabilities to develop a cGMP process at commercial production scales and will also evaluate the performance of the protein in IND enabling preclinical studies.

“We are pleased to be awarded this contract for our rPA development program, which may offer a dramatic improvement in the nation’s ability to rapidly produce large amounts of a stable anthrax vaccine at a very competitive cost to the U. S. Government,” stated Bertrand C. Liang, Chief Executive Officer, “A recombinant solution for the production of this strategically relevant product has been sought after for a number of years and we are confident that Pfenex’s platform will deliver that solution.”

About Pfenex Inc.

Pfenex Inc. is a protein production company leveraging the unique and powerful *Pfenex Expression Technology*[™] platform based on the micro-organism, *Pseudomonas fluorescens*, for the production of research proteins, reagent proteins, biosimilars and innovator biopharmaceuticals. For more information please visit www.pfenex.com

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