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## **Cyto Pulse Sciences Inc. working with USAMRIID on Smallpox Vaccine Delivery Development**

Hanover, MD —The U.S. Army Medical Research Institute of Infectious Diseases (USAMRIID), Fort Detrick MD., has entered into an agreement with Cyto Pulse Sciences Inc. of Hanover, MD to develop a DNA vaccine delivery system against smallpox.

The agreement is ongoing and was signed July 2004. USAMRIID and Cyto Pulse Sciences desire to cooperate in research and development on Smallpox DNA vaccines using the Cyto Pulse Easy Vax™ pulsed electric field delivery system.

The vaccine delivery system uses an array of hundreds of short needles, each one coated with the DNA vaccine. An electric field allows the DNA to enter immune system cells in the skin, specifically the dendritic cells involved in immune system response.

USAMRIID has developed a poxvirus DNA vaccine that confers protective immunity when administered by gene gun, and is interested in determining if it is effective when given by other methods, such as Cyto Pulse's Easy Vax™ delivery system.

**Cyto Pulse Sciences, Inc. is a medical device company developing and manufacturing systems used in monoclonal antibody production, gene therapy, vaccine production and delivering the new safe DNA/nucleic acid vaccines with its Easy Vax™ system. DNA/nucleic acid vaccines provide a total immunity similar to live virus vaccines and are much safer, but they must be delivered directly into the patient's cells. Easy Vax™ solves the delivery problem. The company's technology provides the safety, repeatability and efficiency required for commercial and clinical use.**

**USAMRIID, located at Fort Detrick, MD is the lead medical research laboratory for the U.S. Biological Defense research Program, and plays a key role in national defense and in infectious disease research. The Institute's mission is to conduct basic and applied research on biological threats resulting in medical solutions (such as vaccines, drugs and diagnostics) to protect the warfighter. USAMRIID is a subordinate laboratory of the U.S. Army Medical Research and Materiel Command.**

The information contained in this press release does not necessarily reflect the position or the policy of the Government and no official endorsement should be inferred.

Additional information on Cyto Pulse Sciences, Inc. is available at the company's website, [www.cytopulse.com](http://www.cytopulse.com).

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