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Cyto Pulse Sciences Inc. awarded \$1.8 Million by NIH for DNA vaccine delivery system development

Hanover, MD —The National Institute of Allergies and Infectious Diseases, National Institutes of Health, has awarded a peer-reviewed Phase II grant to Cyto Pulse Sciences Inc. of Hanover, MD to continue the development of a DNA vaccine delivery system.

The total amount of the award is \$1,805,689 for an 18 month project. The long-term objective is to produce a safe, effective, easy-to-use, and painless polynucleotide vaccine delivery system that can be used against Biodefense pathogens. The system under development may also provide effective future vaccine delivery for less lethal viruses, some cancers, and some diseases prevalent in the third world.

“We are very pleased to have had our application approved and are looking forward to bringing our system closer to commercialization,” said Richard E. Walters, Cyto Pulse President and CEO.

The company is expanding its staff and exploring plans for a larger facility.

The vaccine delivery system uses an array of hundreds of small 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.

Cyto Pulse, Inc. is a medical device and treatment development company offering a line of medical equipment for laboratory research and clinical therapeutic applications. The company was founded in 1996 with the goal of developing clinical systems employing electric fields to create gene therapy and immunotherapeutic treatments unattainable by other delivery methods. Its devices enable cellular material transfers and fusion with a degree of safety, repeatability and efficiency suitable for clinical use and for laboratory research in gene therapy, immunotherapy, and hybridoma production.

Additional information on Cyto Pulse Sciences, Inc. is available at the company’s website, www.cytopulse.com.

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