



Rheonix Receives SBIR Grant from U.S. National Science Foundation to Develop a Recreational Water Test

Ithaca, N.Y. — June 8, 2009 — Rheonix, Inc. today announced the receipt of a \$99,928 Small Business Innovation Research Phase I grant from the National Science Foundation (NSF) to develop a rapid test to monitor recreational water for safety. Upon successful completion of the six month Phase I program, Rheonix will be eligible to compete for additional Phase II funding to finalize the prototype test developed during the Phase I efforts.

“We continue to attract significant federal funding to employ our underlying CARD™ technology in many diverse applications,” commented Tony Eisenhut, President and CEO. He further added, “Our ability to rapidly prepare and analyze test specimens is a significant advantage in the recreational water industry that presently relies upon cumbersome testing technology that can take several days to complete.”

Richard Montagna, Ph.D., Senior Vice President for Scientific Affairs and the project’s Principal Investigator, also pointed out that the thrust of the Company’s proposal was to provide a solution for the U.S. Environmental Protection Agency (EPA) that is currently under a court order to reduce the time required to evaluate the safety of recreational water to same-day results. Dr. Montagna added, “Presently, decisions to open or close U.S. beaches that might be contaminated with pathogenic organisms cannot be made for several days. This not only jeopardizes the health and safety of bathers but also causes unnecessary concern for those who may have used a beach in the days immediately preceding an announcement to close.”

As the Company develops its prototype, it will also partner with the Erie County Public Health Laboratory (Buffalo, NY) and the Suffolk County Department of Health (Long Island, NY). Here, the prototype will be evaluated and optimized using both fresh and marine water samples, respectively.

The CARD™ diagnostic platform has applications in a broad spectrum of markets including human and veterinary *in vitro* diagnostics, biopharmaceutical manufacturing, food and beverage manufacturing, food/water safety testing, and homeland security/defense applications.

The National Science Foundation (NSF) is an independent Federal agency created by the National Science Foundation Act of 1950. The Act states the purpose of the NSF is "to promote the progress of science; [and] to advance the national health, prosperity, and welfare by supporting research and education in all fields of science and engineering."

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