



Spinoff Revolutionizes Blood Analysis Techniques

Interferometrics, Inc., a Los Alamos National Laboratory (LANL) spinoff based in Los Alamos, NM, is developing sound-based detection technology for the biomedical industry. This revolution-

ary, highly versatile technology, non-invasively measures changes in the unique acoustic properties of a fluid in a sealed container. The core technology, Swept Frequency Acoustic Interferometry (SFAI), was originally developed by and is licensed from the Laboratory for identifying chemicals in closed containers.

Interferometrics' focus is a method for detecting bacterial growth in blood much more quickly than other methods currently in use. The clinical blood bacterial detection industry, in which 40 million tests are performed annually, is a \$300-million-a-year industry. Detection time is extremely important to a physician diagnosing a patient. The sooner infection is detected and diagnosed the earlier treatment can begin, reducing costs to both hospitals and industry.

Daniel Petrarca, president and CEO of Interferometrics, has high expectations for the new technology. "SFAI allows real-time, detailed inspection of a fluid without contact, eliminating potential contamination and distortion of results." Another promising use for SFAI is bacterial characterization. Current methods for bacterial characterization require multiple tests. Interferometrics is exploring the use of the SFAI technique to accomplish characterization with a single test, thereby saving both time and cost for this critical analysis.

LANL's Industrial Business Development Division has assisted Interferometrics in negotiating exclusive and non-exclusive licenses to LANL technology and conducting market assessments during the last several years. The company, which employs five people, has secured \$1.5 million in venture funding and is seeking additional capital for product development. In May 2003, Interferometrics gave a presentation at the Technology Ventures Corporation-sponsored Equity Capital Symposium in Albuquerque.

Company contact information:

Daniel J. Petrarca, CEO

E-mail: clarionun@aol.com

Phone: (303) 665-6927 or (303) 818-0413