

Expression Pathology

FOR IMMEDIATE RELEASE

Key U.S. Patent Issues on Expression Pathology's Liquid Tissue® Technology

Enables protein analysis in FFPE tissue for clinical research and diagnostics

Gaithersburg, MD: January 6, 2009: Expression Pathology Inc. (EPI) announced today that the U.S. Patent and Trademark Office has issued patent number 7,473,532, which covers methods for preparing tissue for protein analysis, including EPI's proprietary Liquid Tissue® sample preparation methodology. The claims of the patent are directed to methods that enable discovery and measurement of protein biomarkers in formalin-fixed paraffin-embedded (FFPE) tissue.

Formalin fixation is the standard process used worldwide to preserve patient biopsies and surgical tissue, but it limits the ability to analyze protein expression by advanced methodologies such as mass spectrometry. Liquid Tissue® sample preparation produces a soluble lysate that is representative of the entire protein content of a FFPE tissue sample. This makes it possible to use mass spectrometry for global proteomic profiling and targeted quantitation of specific proteins.

Expression Pathology offers this technology in protein biomarker discovery collaborations and contract assay services, and is developing personalized diagnostic assays to guide cancer drug selection and patient treatment decisions.

“This is a key patent in our intellectual property portfolio and helps establish our leadership in the field of tissue proteomics”, says Casey Eitner, the company's President and CEO. “The ability to identify, in preserved and archived tissue collections, proteins associated with specific clinical outcomes, and to accurately measure those proteins in the standard form of tissue used throughout medical practice will have a huge positive impact on patient care.”

About Expression Pathology Inc.

EPI is developing proprietary cancer tests and research tools to study and measure proteins in tissue.

EPI's Liquid Tissue® sample preparation and Director® laser microdissection provide a technology platform that enables analysis and measurement of proteins in FFPE tissue. EPI offers these technologies in collaborative research programs, contract assay services and as research tools. For more information, see www.expressionpathology.com.

For more information contact:

Expression Pathology Inc.
Peter Tunon, Vice President Sales and Marketing
9290 Gaither Road
Gaithersburg, MD 20877
Phone: (301) 977-3654
E-mail: p.tunon@expressionpathology.com

Liquid Tissue and DIRECTOR are registered trademarks of Expression Pathology Inc.