

PRESS RELEASE

FOR IMMEDIATE RELEASE

Biomatrica Announces Broad Patent Award for Novel Method of Preserving Biological Materials at Ambient Temperatures.

San Diego, CA, January 6, 2015 – Biomatrica, Inc. announced today that the United States Patent and Trademark Office (USPTO) has issued the company a pioneering patent for Biomatrica's invention of a new method to preserve biological materials at ambient temperatures. The granted U.S. Patent No. 8,900,856 B2 covers next generation biopreservation technology through the use of dissolvable, biostability matrices, without the need for cryopreservation or lyophilization. The claims granted cover stabilization technology applicable to a broad range of biomaterial materials, including nucleic acids, proteins, viruses and cells, and encompasses patient samples, molecular-, immuno- and sequencing assays.

Biomatrica's stabilization technology allows for improved accuracy in diagnostics and other applications in which biological materials are measured or analyzed. Moreover, it integrates seamlessly with next gen analysis and diagnostic tools. It also allows for improved manufacturing and distribution of diagnostic reagents, kits and assays. The patented technology enables more efficient, economic, development and manufacturing for lab-on-a-chip and point-of-care diagnostics to reach global markets.

According to Biomatrica Founder and President, Dr. Judy Muller-Cohn, "The technology was inspired by a natural biological mechanism called anhydrobiosis (life without water) that enables certain eukaryotic extremophiles, such as tardigrades, to survive dry for over 100 years. The patented method uses dissolvable stabilizers to form a thermo-stable barrier around biological material to provide protection against degradation and loss of biological activity, effectively shrink-wrapping samples until they are needed for use."

"The issuance of this broad patent is extremely exciting for us", commented Biomatrica Founder and Chief Scientific Officer, Dr. Rolf Muller. "Biomatrica stabilizers produced by this technology can be completely dissolved, and the preserved biological sample or assay reagent can subsequently be used without the need for any purification. The technology has been extensively tested at Biomatrica, and is currently used by scientists at many diagnostic and life science companies worldwide. Biomatrica's stabilization technology represents a major leap forward in the process of manufacturing, transporting and storing biological materials for the healthcare and life science fields."

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About Biomatrica, Inc.

Biomatrica is a leading provider of innovative products for stabilizing biological samples and assays at ambient temperatures. Biomatrica's product range maintains the integrity of analytes from collection to detection in the diagnostics workflow. The company's technologies have been adopted and validated by leading point-of-care, molecular diagnostic companies, government agencies, forensic laboratories, academic research institutions, global biobanks, and biotechnology laboratories around the world.