

Press Release

Making the Complex Simple in Nanotech Research

Tuesday June 19, 1:52 pm ET

CytoViva^(TM) Wins Nano 50^(TM) Award

AUBURN, Ala., June 19 /PRNewswire/ -- CytoViva, Inc., an optical microscopy company, announced that its Dual Mode Fluorescence (DMF) module has been selected as a Nano 50^(TM) Award recipient. The annual competition from the publishers of NASA Tech Briefs recognizes the most exceptional new products in the nanotechnology field.

The engineering breakthrough behind DMF makes a once complex task much simpler for researchers. The new tool eliminates traditional computer enhanced overlay when imaging fluorescently labeled nanoparticles in unlabeled cells, tissue or biopolymers. This allows direct, real time observation and finely detailed imaging of fluorescent labels in the full context of live unstained samples.

A prime example of how DMF might be used is in the field of drug discovery. Researchers can now watch a fluorescently labeled drug enter a cell, be transported and observe the results on the cellular physiology and morphology. This has a profound impact on the quality and convenience of data collection.

To date, the patent-pending CytoViva^(TM) imaging systems are used by a wide range of researchers involved in infectious disease, tissue engineering, and drug delivery. Well-known organizations such as Johns Hopkins, Schering Plough, Dow Chemical Company, the Mayo Clinic, and both the U. S. Army and Air Force are making use of CytoViva products.

Chuck Ludwig, President of CytoViva, said of the win, "We are gratified by the recognition and the genuine enthusiasm our customers have shown for our products. By focusing on the needs of the researcher, we have been able to forge a true sense of partnership, based on incorporating their needs into a highly efficient yet easy to use tool."

Previous winners of the award include inventions from companies such as IBM, Motorola, and General Motors. A panel of nanotechnology experts judged independent nominations and the highest scoring entries were named as winners. The Nano 50 Awards will be presented during the NASA Tech Briefs' National Nano Engineering Conference in Boston this November.

CytoViva, Inc. (<http://www.cytoviva.com>) is an optical microscopy company and recipient of the 2006 R&D 100 award. The Auburn, AL-based company is a subsidiary of Aetos Technologies, Inc., a privately held technology development company founded to bridge the gap between university-based research and the commercial market.