

## *International Diagnostic Technologies, Inc.*

121 Yancy Road, Madison, Alabama 35758 USA

Phone: (205) 895-9865 Fax: (205) 895-9865

Email: [drmadarasz@idtscience.com](mailto:drmadarasz@idtscience.com)

### **INTERNATIONAL DIAGNOSTIC TECHNOLOGIES RECEIVES NOTICE OF ALLOWANCE FROM USPTO ON PHOTONIC MOLECULAR PROBE**

**Huntsville, AL – January 30, 2001** – International Diagnostic Technologies, Inc. (IDT) announced today that it has received a Notice of Allowance from the United States Patent and Trademark Office for its second U.S. Patent on the Photonic Molecular Probe (PMP).

While the PMP technology has a multitude of applications, IDT is initially focusing this breakthrough opto-electronic technology on the urgent need for persons with diabetes to noninvasively monitor blood glucose levels.

There are approximately 125 million persons with diabetes in the world, and this number is expected to double by 2005. The worldwide market for glucose monitoring is expected to exceed \$4.7 billion by 2002.

With the PMP technology, diabetics will have an accurate and affordable means to monitor their glucose levels without puncturing the skin to draw blood. A specifically prepared beam of light exploits the chiral-geometric asymmetry properties of glucose (or any selected target molecule) in a process called circular dichroism-chiral absorption, along with another chiral process known as Optical Rotary Power.

This new PMP technology is very different from previous unsuccessful attempts to develop noninvasive monitoring devices based on Near InfraRed Absorption Spectroscopy.

IDT's scientists are currently studying additional market applications for the PMP technology such as biological/chemical warfare monitoring, fermentation process control, blood assays, plastics disposal and drug monitoring/detection. Additional information on the PMP technology or other IDT-patented technologies is available on the IDT web site [www.idtscience.com](http://www.idtscience.com).

