



**Applied DNA Sciences Closes on Initial Bridge Financing
and Receives Third Milestone Payment in Supima Agreement;
CEO Increases Personal Investment in Company**

STONY BROOK, N.Y., October 12, 2007 /Business Wire/ -- Applied DNA Sciences, Inc. (OTC Bulletin Board: APDN), a provider of DNA-based security solutions, today announced that it has recently closed on initial rounds of bridge financing totaling \$550,000. This financing is in the form of secured convertible promissory notes and warrants to purchase shares of the company's common stock.

"The ability of APDN to continue to raise money at this critical juncture proves once again that the company is moving forward with its commercialization strategy and I believe that other investors are as optimistic as I am about the future of this company," commented Dr. James Hayward, APDN's President and CEO.

In another positive development, APDN received its third milestone payment from Supima, the promotional organization of the American Pima cotton growers. This milestone demonstrates Supima's continued commitment to this study and the organization continues to be excited by the results to date. APDN has been able to successfully amplify DNA from mature cotton cultivars, the first group in the world that has been able to do so, and patent applications have been filed to protect this important finding.

"We believe that there will be strong market demand for testing of cotton cultivars to distinguish between American Pima cotton and other cotton, once we successfully complete this feasibility study," Dr. Hayward continued. "There is an urgent need for this testing, not only in industry, but we believe also by the US government, looking to monitor and control the entry of foreign textiles into the US market. We believe this testing, which would be done solely by APDN, represents the potential to generate substantial revenue for the company. We are very encouraged by our results to date and are excited by the potential opportunity these findings represent."

Dr. Hayward has also increased his personal investment in APDN in the amount of \$300,000. This is in addition to the \$550,000 announced previously, bringing his total investment in the company over the past six months to \$850,000.

Dr. Hayward added, "I believe that the greatest expression of my confidence in APDN is the fact that I continue to invest my personal funds into the company. We continue to

make progress on a daily basis and the entire management team is committed to doing what is necessary for APDN to realize its potential.”

About SigNature DNA

APDN SigNature DNA Markers are used to help fight counterfeiting, product diversion, piracy, forgery, identity theft and unauthorized intrusion into physical locations and databases. Trade in counterfeit goods accounts for approximately seven percent of world trade, or hundreds of billions of dollars annually. APDN's SigNature DNA Markers consist of botanical DNA segments custom manufactured by APDN to identify a particular class of or individual products or items. During this manufacturing process, APDN scrambles and encrypts a naturally occurring botanical DNA code segment or segments, and then encapsulates the resulting DNA segment utilizing APDN's proprietary SigNature DNA Encapsulation system. The sequence is then recorded and stored in a secure database. This SigNature DNA Marker can then be embedded into a broad variety of media. Because the portion of DNA in a SigNature DNA Marker used to identify the marker is so minute, it cannot be detected unless it is replicated billions of times over, or amplified. This amplification can only be achieved by applying matching strands of DNA, or a primer, and PCR techniques to the SigNature DNA Marker. The sequence of the relevant DNA in a SigNature DNA Marker must be known in order to manufacture the primer for that DNA. As a result, we believe the effort required to find, amplify, select and clone the relevant DNA in a SigNature DNA Marker would involve such enormous effort and expense that SigNature DNA Markers are virtually impossible to copy without APDN's proprietary systems.

About Applied DNA Sciences, Inc.

Applied DNA Sciences, Inc. provides botanical DNA encryption, embedment and authentication solutions that can help protect companies, governments and consumers from counterfeiting, fraud, piracy, product diversion, identity theft and unauthorized intrusion into physical locations and databases. APDN's common stock is listed on the Over-The-Counter Bulletin Board under the symbol "APDN".

The statements made by APDN may be forward-looking in nature and are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements describe APDN's future plans, projections, strategies and expectations, and are based on assumptions and involve a number of risks and uncertainties, many of which are beyond the control of APDN. Actual results could differ materially from those projected due to our short operating history, limited financial resources, limited market acceptance, market competition and various other factors detailed from time to time in APDN's SEC reports and filings, including our Annual Report on Form 10-KSB, filed on January 16, 2007 and our subsequent quarterly reports on Form 10-QSB. APDN undertakes no obligation to update publicly any forward-looking statements to reflect new information, events or circumstances after the date hereof to reflect the occurrence of unanticipated events.

SOURCE Applied DNA Sciences, Inc.

-0-10/12/2007

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