



**Applied DNA Sciences Identifies Genetic Fingerprint in Money.
FiberTyping Test Provides New Method of Authenticating Original Source
Materials in International Currencies.**

STONY BROOK, N.Y., April 28, 2009 /Market Wire/ -- Applied DNA Sciences, Inc. (OTC Bulletin Board: APDN), a provider of DNA-based security solutions, announced today that it has developed patent-pending methods to track the genetic trail of natural ingredients used in currency manufacture. The genetic fingerprint, or BioMaterial GenoTyping™, can be used to ensure that the natural fiber content of currency is genuine, thereby verifying paper sources.

APDN's unique GenoTyping platform has recently been used by the textile industry ("FiberTyping™") to verify label compliance with federal law and with trademark licenses. In collaboration with Supima, the trade group representing American pima cotton growers, APDN demonstrated that the genetic provenance of cotton fibers is traceable in any finished product, even after multiple washings.

Within the Cash-in-Transit industry, APDN provides genetic authentication to track cash stolen from ATM machines or during transport. Working with the UK Police and Loomis, APDN is able to verify the origin of recovered stolen cash and to link the stolen cash to criminals and to the point of theft. As with textiles, multiple washings do not remove the DNA from currency. Extending its FiberTyping platform to money, APDN has now shown it can verify the genetic content of the natural fiber in cash.

US currency is made up of 75% cotton and 25% linen (Bureau of Engraving and Printing). Many foreign currencies are printed also on natural fiber-based paper, including the Euro, Mexican Peso, Brazilian Cruzeiro, Argentine Peso, Indian Rupee, British Pound, Russian Ruble, Japanese Yen and numerous other paper currencies.

Authentication is essential to treasuries in order to maintain currency values. Today, with easily accessed advanced printing methods and the emergence of "super notes", DNA could provide the ultimate "reality check" and provide absolute authentication, quickly and affordably.

In addition to FiberTyping, APDN also offers SigNature® DNA, a botanical DNA marker that can be inserted in paper or ink to secure and authenticate currency. The stability and versatility that SigNature DNA offers as a truly covert, forensic marker can be of great utility to financial and insurance organizations as a means to authenticate printed documents. SigNature DNA cannot be copied or reverse engineered.

About APDN

APDN sells patented DNA security solutions to protect products, brands and intellectual property from counterfeiting and diversion. SigNature DNA is a botanical mark used to authenticate products in a unique manner that essentially cannot be copied. APDN also

provides BioMaterial GenoTyping™ by detecting genomic DNA in natural materials to authenticate finished products. Both technologies protect brands and products in a wide range of industries and provide a forensic chain of evidence that can be used to prosecute perpetrators. To learn more, go to (www.adnas.com).

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-K, filed on December 16, 2008 and our subsequent quarterly reports on Form 10-Q. 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.

INVESTOR CONTACT: Debbie Bailey, 631-444-8090, fax: 631-444-8848

MEDIA CONTACT: Janice Meraglia, 631-444-6293, fax: 631-444-8848

FCMN Contact: info@adnas.com

Web site: <http://www.adnas.com>