



September Newsletter

Better Justice Through Better Science™

Cybergenetics remembers the World Trade Center victims



The World Trade Center (WTC) terrorist attack left in its wake over 27 hundred missing people and over 18 thousand charred biological specimens. Identifying and returning victim remains would bring comfort to loved ones, but the degraded DNA evidence was challenging.

Cybergenetics used TrueAllele® Casework to [reanalyze WTC DNA](#) data from victim remains, personal effects, and family members. TrueAllele Database automated DNA

matching of the reanalyzed data associated victim remains with missing people.

Two years ago, we explained our approach at a Duquesne University 9/11 symposium. The talk was on “How TrueAllele® computing automates DNA analysis and databasing for mass disasters.” You can watch the 45-minute [YouTube presentation](#) online.

This month we again remember the victims who lost their lives in the World Trade Center terrorist attack. Cybergenetics is dedicated to solving forensic cases, no matter how degraded or “uninterpretable” the DNA evidence.

WTC talk

TrueAllele identifies South African bus crash victims using kinship



A fiery 2008 South African bus crash in Komatipoort left 15 unidentified victims. There were no reference profiles. The police collected DNA from 15 possible relatives. But DNA analysis failed to identify the victims.

The police sent Cybergentics DNA data from the unidentified victims and possible relatives. There was one relative for each victim. Within minutes, the TrueAllele® computer had derived “probabilistic” kinship genotypes from the relatives. Automatically comparing the genotypes of victims and relatives, TrueAllele identified 9 of the victims.

Cybergentics spoke about this mass disaster solution at the *American Academy of Forensic Sciences* meeting this year, in a talk on “Identifying victim remains using kinship genotype inference”. You can watch the 15-minute [YouTube presentation](#) online.

TrueAllele is a proven mass disaster victim identification solution. The technology uses kinship to find missing person genotypes, even with sparse or unknown biological relationships.

Bus Crash talk

Exonerees Birch and Henning receive \$25 million settlement



Connecticut's attorney general has agreed to a [\\$25.2 million settlement](#) with Ralph Birch and Shawn Henning. The two men spent decades in prison for a New Milford murder they did not commit. Cybergenetics analyzed DNA evidence in the [exoneration case](#).

Exonerations

Cybergenetics attended ROCIC, CHIA, and ISHI conferences

Cybergenetics attended the following conferences in September. We spoke with hundreds of crime investigators about how TrueAllele technology and services helps solve the toughest cases.

September

The ROCIC (Regional Organized Crime Information Center) conference in Chattanooga, Tennessee.

The CHIA (California Homicide Investigators Association) conference in Las Vegas, Nevada.

The ISHI (International Symposium on Human Identification) conference in Denver, Colorado. Cybergenetics presented four scientific posters at this forensic science meeting; they are all posted online.

[TrueAllele® Casework validation of the Verogen ForenSeq DNA Signature Prep Kit Primer Set B and the MiSeq FGX](#)

[Getting more from less: Information yield increases from STR data when using TrueAllele® Technology](#)

[Solving major crime from minor contributors: A case report using TrueAllele® Casework](#)

[All mixed up: Responding to flawed opposition case reports on complex DNA evidence](#)



Cybergenetics will be attending upcoming conferences

Cybergenetics will be attending the following conferences in October and November.

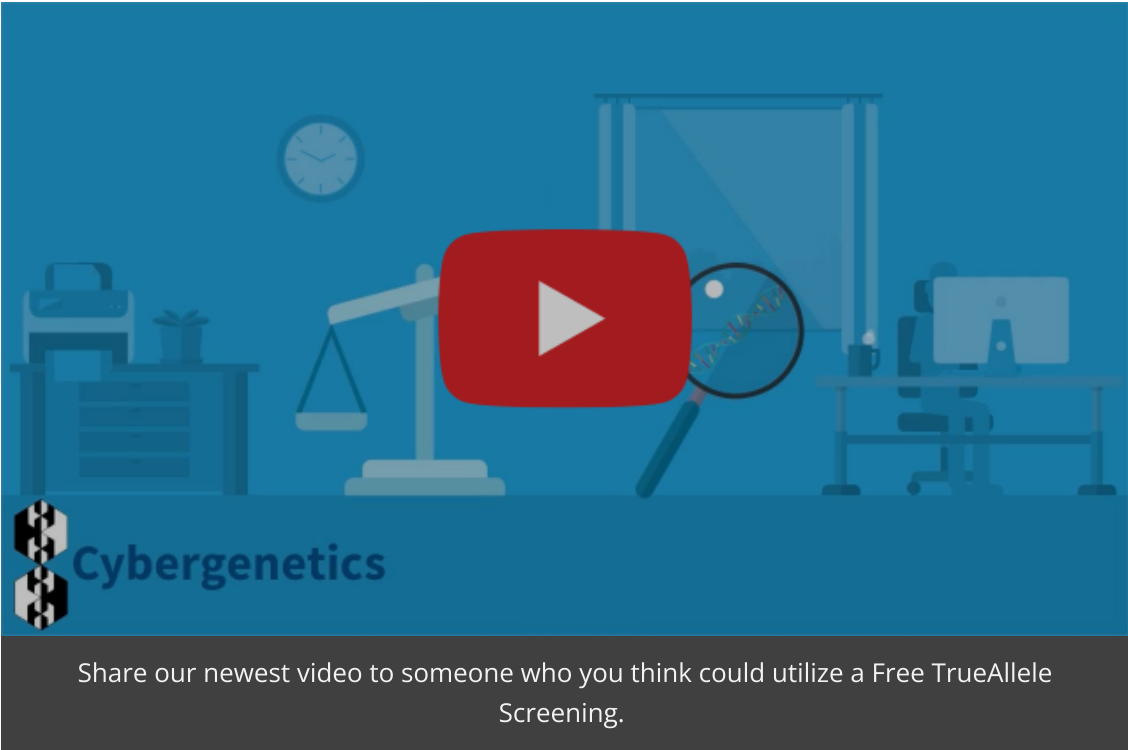
October

10/10 - 10/12 ILHIA (Illinois Homicide Investigators Association) in Itasca, Illinois

November

11/06 - 11/10 SEHIA (Southeastern Homicide Investigators Association) in Pittsburgh, Pennsylvania

Stop by our trade booth to learn how TrueAllele technology can help solve your most complex DNA cases.

A blue banner featuring a central red YouTube play button icon. The background includes faint icons of a clock, a scale of justice, a magnifying glass, and a computer workstation. The Cybergenetics logo is positioned in the bottom left corner. Below the banner, a dark grey bar contains the text: "Share our newest video to someone who you think could utilize a Free TrueAllele Screening."

Cybergenetics

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