



Jay D. Aronson

# Genetic Witness

Science, Law,  
and Controversy  
in the Making of  
DNA Profiling

Genetic Witness: Science, Law, and Controversy in the Making of DNA Profiling, Jay Aronson, Rutgers University Press, 2007, 0813543835, 9780813543833, 288 pages. When DNA profiling was first introduced into the American legal system in 1987, it was heralded as a technology that would revolutionize law enforcement. As an investigative tool, it has lived up to much of this hype—it is regularly used to track down unknown criminals, put murderers and rapists behind bars, and exonerate the innocent. Yet, this promise took ten turbulent years to be fulfilled. In Genetic Witness, Jay D. Aronson uncovers the dramatic early history of DNA profiling that has been obscured by the technique's recent success. He demonstrates that robust quality control and quality assurance measures were initially nonexistent, interpretation of test results was based more on assumption than empirical evidence, and the technique was susceptible to error at every stage. Most of these issues came to light only through defense challenges to what prosecutors claimed to be an infallible technology. Although this process was fraught with controversy, inefficiency, and personal antagonism, the quality of DNA evidence improved dramatically as a result. Aronson argues, however, that the dream of a perfect identification technology remains unrealized..

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Forensic DNA Profiling Protocols , Patrick J. Lincoln, Jim Thomson, Jan 22, 1998, Medical, 309 pages. Leading forensic experts from around the world describe in detail their time-proven methods for identity testing through DNA analysis. Their state-of-the-art collection of ....

DNA identification: hearing before the Subcommittee on the ..., Volume 4 hearing before the Subcommittee on the Constitution of the Committee on the Judiciary, United States Senate, One Hundred First Congress, first session, on genetic testing as a means of criminal investigation, March 15, 1989, United States. Congress. Senate. Committee on the Judiciary. Subcommittee on the Constitution, 1990, Law, 224 pages. .

The DNA Detectives , Wilson J. Wall, Aug 1, 2005, True Crime, 191 pages. Written by an expert in the field, The DNA Detectives describes the intricate processes used in DNA testing to solve crimes and puzzles across the globe, as well as the ....

The Double Helix and the Law of Evidence , David H. Kaye, 2010, Law, 330 pages. probability theory to clarify legal concepts of relevance and probative value, and describes alternatives to race-based DNA profile frequencies." --Book Jacket..

An Introduction to Forensic DNA Analysis, Second Edition , Norah Rudin, Keith Inman, Dec 21, 2001, Law, 312 pages. Significant advances in DNA analysis techniques have surfaced since the 1997 publication of the bestselling An Introduction to Forensic DNA Analysis. DNA typing has become ....

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Psychological and Scientific Evidence in Criminal Trials, Volume 1 , Jane C. Moriarty, Apr 1, 1996, , . .

Forensic DNA Typing Protocols , Angel Carracedo, Jan 1, 2005, Law, 280 pages. A state-of-the-art collection of readily reproducible laboratory methods for DNA identity analysis, including Y chromosome haplotyping, mtDNA, and SNP typing. The book offers ....

Truth Machine The Contentious History of DNA Fingerprinting, Michael Lynch, Simon A. Cole, Ruth McNally, Kathleen Jordan, Feb 15, 2010, Science, 416 pages. DNA profiling—commonly known as DNA fingerprinting—is often heralded as unassailable criminal evidence, a veritable truth machine that can overturn convictions based on ....

Scientific evidence , Paul C. Giannelli, Edward J. Imwinkelried, Apr 1, 1986, Law, 1226 pages. This treatise comprehensively covers issues of scientific evidence and discusses frequently encountered

types of scientific evidence. Modern scientific methodology is examined ....

Encyclopedia of DNA and the United States criminal justice system , Louis J. Palmer, 2004, Law, 464 pages. A guide to DNA and the criminal justice system covers such topics as public policy, legal statutes, and judicial rulings..

Statistics and the Evaluation of Evidence for Forensic Scientists , C. G. G. Aitken, Prof Franco Taroni, Aug 13, 2004, Mathematics, 509 pages. The use of statistical and probabilistic ideas in forensic science is of increasing importance to the administration of justice. This is exemplified by their role in the ....

DNA in the Courtroom A Trial Watcher's Guide, Howard Coleman, Eric Swenson, Jan 1, 1994, Medical, 131 pages. A clear and comprehensive guide to the scientific and legal issues surrounding forensic DNA testing..

Genetic witness forensic uses of DNA tests, United States. Congress. Office of Technology Assessment, 1990, Law, 196 pages. .

Laws of Men and Laws of Nature The History of Scientific Expert Testimony in England and America, Tal GOLAN, Tal Golan, Jun 30, 2009, History, 336 pages. .

Forensic DNA Analysis , Lawrence F. Kobilinsky, Louis Levine, Henrietta Margolis-Nunno, Jan 1, 2009, DNA, 114 pages. Describes how DNA is used in forensics, discussing its structure, different kinds, the genetics behind forensic DNA typing, how DNA is analyzed and that analysis is interpreted ....

Il DNA nella societ  : testi genetici, disastri di massa, identificazione criminale. Atti del 20  Congresso nazionale dei genetisti italiani (Bologna, settembre 2004) , Alberto Cicognani, 2006, Law, 227 pages. .

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