FORENSIC SCIENCE INTERNATIONAL: GENETICS
An international journal and the premier journal in the field dedicated to forensic genetics.

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DESCRIPTION

Forensic Science International: Genetics is the premier journal in the field of Forensic Genetics. This branch of Forensic Science can be defined as the application of genetics to human and non-human material (in the sense of a science with the purpose of studying inherited characteristics for the analysis of inter- and intra-specific variations in populations) for the resolution of legal conflicts.

The scope of the journal includes: Forensic applications of human polymorphism. Testing of paternity and other family relationships, immigration cases, typing of biological stains and tissues from criminal casework, identification of human remains by DNA testing methodologies. Description of human polymorphisms of forensic interest, with special interest in DNA polymorphisms. Autosomal DNA polymorphisms, mini- and microsatellites (or short tandem repeats, STRs), single nucleotide polymorphisms (SNPs), X and Y chromosome polymorphisms, mtDNA polymorphisms, and any other type of DNA variation with potential forensic applications. Non-human DNA polymorphisms for crime scene investigation. Population genetics of human polymorphisms of forensic interest. Population data, especially from DNA polymorphisms of interest for the solution of forensic problems. DNA typing methodologies and strategies. Biostatistical methods in forensic genetics. Evaluation of DNA evidence in forensic problems (such as paternity or immigration cases, criminal casework, identification), classical and new statistical approaches. Standards in forensic genetics. Recommendations of regulatory bodies concerning methods, markers, interpretation or strategies or proposals for procedural or technical standards. Quality control. Quality control and quality assurance strategies, proficiency testing for DNA typing methodologies. Criminal DNA databases. Technical, legal and statistical issues. General ethical and legal issues related to forensic genetics.

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AUDDIENCE

Forensic geneticists, forensic practioners in a broad sense, anthropologists, geneticists, lawyers, people interest in legal and ethical issues related with forensic genetics, mathematicians and statisticians interested in forensic genetic issues

ABSTRACTING AND INDEXING

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INTRODUCTION

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1. Original Research Papers (Regular Papers)
2. Review Articles
3. Short Communications
4. Book Reviews
5. Case Reports
6. Correspondence
7. Forensic Population Genetics (Original Paper, Short Communication or Correspondence)

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