

Special Issue

Research Updates in Forensic Genetics

Message from the Guest Editor

The continuous evolution of forensic molecular biology, driven by technological innovations, active research efforts, and expanded applications, is crucial to delivering reliable, accurate, and timely results for the justice system. Advanced DNA typing techniques, such as Next Generation Sequencing and Single-Cell Analysis, enable a more efficient and informative analysis of scarce, degraded and complex samples, while rapid sequencing emerged to facilitate on-site sample processing. Furthermore, the field has shifted toward the contextualization of DNA evidence, fostering active research in areas such as environmental DNA, microbial forensics, time since deposition, post-mortem interval estimation, wound dating, and studies on trace DNA transfer, persistence, prevalence, and recovery. This Special Issue aims to present cutting-edge, original research and applications thereof in routine casework, for both human and non-human samples. It will also highlight the biostatistical tools that underpin these applications and address the pressing social and ethical considerations accompanying these scientific innovations.

Guest Editor

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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

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