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Improved Methods in Forensic DNA Analysis

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Message from the Guest Editor

Forensic DNA analysis has developed into an essential tool in criminal investigations. However, many factors can challenge DNA analysis, such as only retrieving small amounts of DNA from important forensic evidence items. Furthermore, the integrity of the DNA may be influenced by environmental factors leading to damage and degradation of the DNA. Another challenge is that numerous inhibitors may be coextracted with the DNA, leading to less efficient DNA profiling. Although new technologies have been developed (e.g., next-generation sequencing), it is crucial to use optimal protocols in all analysis steps, including sampling, extraction, further purification, DNA profiling, and bioinformatic analysis. This Special Issue is dedicated to reports demonstrating optimised forensic protocols and strategies in all stages of forensic DNA analysis and for a variety of criminal cases.



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Special Issue



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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving 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.

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