

Special Issue

Forensic Genetics: Human DNA Database and Genetic Structure

Message from the Guest Editor

Forensic genetics is a pivotal field in criminal investigations and identity verification, and one of its most important assets is human DNA databases, which play a crucial role in solving and preventing crimes. However, the construction and utilization of such databases pose data privacy protection, legal, and ethical concerns, and can lead to complexities with regard to international cooperation. Another important area in this field is understanding the genetic structure of different populations; this is essential for improving the accuracy and efficiency of DNA analysis, as factors such as genetic diversity, admixture, and familial relationships can all influence the results. This Special Issue is dedicated to reporting research findings and best practices in human DNA databases and analyzing the genetic structure within forensic genetics, with particular focus on the following topics:

- Establishment and management of human DNA databases.
- Genetic structure analysis.
- Legal and ethical issues.
- Technological innovations and optimization.

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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