

## Special Issue

# Genomic Insights: Exploring the Applications of Sequencing Technologies in Genetics

### Message from the Guest Editor

Next-Generation Sequencing technologies can improve our knowledge of the molecular genetics of human diseases, but may also lead to uncertainty during the interpretation of the results. Providing a definitive genetic diagnosis is critical in prenatal testing or management of severely affected paediatric patients and can be especially challenging in affected individuals in whom a broad unbiased sequencing approach such as whole-exome sequencing or whole-genome sequencing is potentially detrimental. Molecular studies are warranted to clarify the genetic basis of human diseases and emphasize the importance of functional studies in the diagnostic variant reclassification process.

### Guest Editor

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### Deadline for manuscript submissions

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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