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Selected Papers From the Advanced Genetics Conference 2019

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Message from the Guest Editor

The human genome comprises the entire genetic code of three billion letters required to create a human being, and the study of these genes is called genetics. The recent years have witnessed a rapid advance in the application of genetic technology from single-cell microbial systems to eukaryotic culture systems and up to multicellular whole-animal systems. The development of genetic techniques has accelerated the growth of the biotechnology industry, resulting in a significant increase in the number of recombinant protein products on the market. As a result, new biological entities with added value for innovative medicines—such as increased stability, improved targeting, and reduced toxicity, among others—have been obtained.

Advanced Genetics 2019 is the third edition of a Genomic Medicine conference that was first started in 2017 and has since been held annually. This meeting will provide great insights into the recent advances in the field of genetics as well as opportunities to learn more about recently used tools and techniques.



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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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