Special Issue

Population Structure and Human Genetic Diversity

Message from the Guest Editor

For the past 15 years, studies on human genetics have revealed amazing discoveries in genomic medicine and have described the genomic diversity of human structure for many populations. In the field of complex diseases and traits, the NHGRI-EBI catalog of human genome-wide association studies has cataloged over 421,000 genomic positions associated with the main ancestries across the world populations in more than 5,900 scientific publications. This genomics approach provides a powerful and extraordinary tool that is set to examine large sets of genetic variations using low-cost and high-accuracy DNA sequencing and genotyping technologies. Most studies have occurred in European and East Asian populations, contributing to the genetic basis of many diseases and complex traits, such as type 2 diabetes, neurodegenerative diseases, and various types of cancer. However, the latest studies in population genetics applied to health have shown the usefulness of generating studies in multiple ethnicities to reveal new genetic targets positions associated with all these traits in populations worldwide.

Guest Editor

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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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