

Special Issue

Genome-Wide Association Studies (GWAS) to Understand Disease

Message from the Guest Editor

Genome-wide association studies (GWAS) - where genetic variants across the genomes of samples from populations are tested for associations to disease traits - have caused a seismic shift in our understanding of disease aetiology. Over the years, improvements in genotyping technologies available at competitive cost, have allowed more variants to be tested over larger population samples, with this trend set to continue with whole-genome and whole-exome sequencing becoming more accessible. In parallel, bioinformatics advances have kept pace to identify actionable genetic variants on a single-study basis, and also to gather, compare and analyse summary data from across published GWAS.

We would like to invite submissions of original research or review articles on any topic related to “Genome-wide Association Studies (GWAS) to Understand Disease”. This Special Issue addresses all kinds of research related to our current knowledge on GWAS, from novel health related GWAS findings to methodology and bioinformatics perspectives, as well as critical perspectives on the challenges facing this area.

Guest Editor

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Deadline for manuscript submissions

closed (25 March 2021)

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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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