International Journal of Genomics

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Special Issue on

Genomics and Personalized Medicine in Rheumatic Diseases

CALL FOR PAPERS

The ultimate aim of genomic studies on rheumatology, and in any human disease, is to understand its pathogenesis in order to identify novel therapeutic approaches. Over the past years, next-generation sequencing (NGS) techniques have revolutionized genetics, identifying the causes of many Mendelian diseases and contributing to methodological advances in the study of both common and rare genetic variants in complex diseases. The implementation of "omics" techniques will bring about considerable progress to our knowledge of disease etiology and manifestations and have a determinant impact on the discovery of new biomarkers suitable for clinical practice.

Genomics is a key component in the biomedical research towards personalized medicine. Here, we call for papers that are focused on the field of genomics in rheumatic diseases and their potential to be useful for the diagnosis and treatment of these conditions. We solicit high quality original research articles as well as review articles.

Potential topics include, but are not limited to:

- Association analysis of genomic variants with diseases or phenotypes (progression, severity, etc.)
- Studies identifying genetic variants associated with disease outcomes and different response to treatment and/or therapy toxicity effects among individuals, demonstrating how genetic variants can be used for therapeutic guidance
- Epigenetic regulation in disease susceptibility loci

Authors can submit their manuscripts via the Manuscript Tracking System at http://mts.hindawi.com/submit/journals/ijg/gpmr/.

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