



Precision Medicine Genomics: Pharmacogenomics

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Message from the Guest Editors

The history of healthcare is going through a period of transformation. The concept of "precision medicine" concerns the prevention, diagnosis and treatment of diseases by taking into account the genomic and molecular characteristics of each patient.

Traditionally, the selection of a particular drug for pharmacological prescription has been decided by trial and error. However, an increasing amount of information is becoming available to increase efficacy and prevent adverse drug reactions based on pharmacogenomics. Pharmacogenomics is the main tool of precision medicine that uses genetic/omics information to individualize prescriptions in order to optimize drug response. In this way, the efficacy of these therapies would be maximized, reducing side effects and also the unnecessary costs associated with treatment failure and hospitalizations due to adverse drug reactions, thus improving patients' quality of life.

However, since precision medicine remains a challenge, the aim of this issue is to collect solid articles from any field of personalized medicine or genomics that will increase the knowledge of precision medicine.





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Message from the Editor-in-Chief

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