Special Issue

Personalized genomic medicine: challenges and opportunities for the diagnosis and the treatment of human disease

Guest Editor:

Prof. Sheng-Ying Qin, Ph.D.
Bio-X Institutes, Shanghai Jiao Tong University, China
Email: chinsir@sjtu.edu.cn

Special Issue Introduction

Personalized medicine understands the disease with molecular perspectives, which has brought new classification systems and more effectively preventive and therapeutic interventions. It seeks to precisely categorize disease and subtypes of disease, such that applicable treatments can be improved to a patient's distinctive molecular profile and physiology. Pharmacogenomics plays a crucial role in an evolving model of personalized medicine. It is well known that response to medications and side effects are different in every single patient. The inter-individual variability seems to explain these differences which are mainly based on the individual genomic sequence. It possesses the potential that treatment will be tailored to each individual patient in the future. Although genomic testing is still a relatively new development in clinical treatment, this field is expanding. The special issue in Personalized Genomic Medicine focused on the studies about genetics, genomics, pharmacogenomics etc., which may improved the efficacy and safety of individualized clinical treatment. This special issue welcomes submitted articles in the form of original research, reviews and evaluations of discoveries about personalized medicine.

Benefits

Rigorous mechanism in peer review: one manuscript must be reviewed by at least two relevant experts. We will endeavour to ensure high standards for the review process and subsequent publication by a team of efficient and professional reviewers and scientific editors.

No publication fee: there would be absolutely no charge for publication.

Rapid publication: we will do our best to ensure that accepted papers will be published rapidly with a high quality.

Open Access: As an author you will retain the copyright to your work. By licensing your work under the Creative Commons Attribution License, articles can be re-used and re-distributed without restriction, as long as the original work is correctly cited.

Wide promotions: Published articles will be promoted at academic conferences, through social networks for scientists and relevant indexing services.