Special Issue

Role of Genetic Tools in Diagnosis and Personalized Treatment for Neurological Diseases

Message from the Guest Editor

Due to the surge in age-related neurodegenerative diseases and the constant increase in the incidence of neurodevelopmental disorders, ccientists' interest in understanding how genetic variations can influence the phenotype and susceptibility to certain pathologies is ever greater.

Genome-wide association studies have been of great help in identifying statistical associations between gene variants and disease phenotypes; however, it has contributed little to the understanding of complex pathologies. Therefore, the use of new and more performing genetic tools and tests, together with new tech multidisciplinary approaches, is necessary to improve the diagnosis processes, satisfy the urgent need for effective personalized treatments, evaluate the individual risk of developing a certain neurological disease and explore the aspects relating to pharmacogenomics.

This Special Issue will provide a platform for interested computational and experimental developers to disseminate their studies. It will also open discussions and new perspectives on recent advances in specialized areas of research.

Guest Editor

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Message from the Editor-in-Chief

Journal of Personalized Medicine (*JPM*; ISSN 2075-4426) is an international, open access journal aimed at bringing all aspects of personalized medicine to one platform. *JPM* publishes cutting edge, innovative preclinical and translational scientific research and technologies related to personalized medicine (e.g., precision medicine, pharmacogenomics/proteomics, systems biology, 'omics association analysis). *JPM* is covered in Scopus, the Science Citation Index Expanded (SCIE), PubMed, PMC, Embase, and other databases.

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