Special Issue

Clinical Utility of Pharmacogenetic Testing

Message from the Guest Editor

Pharmacogenetic testing has been widely promoted to support individualized drug prescription by testing for allelic variants that affect the pharmacokinetics and pharmacodynamics of drugs. Within several therapeutic areas, actionable prescribing guidelines have been developed to facilitate the clinical implementation of these tests. However, a meaningful implementation of pharmacogenetic tests not only requires data that associates gene variants with tolerability and efficacy measures, but also shows that test results can be translated into medical decisions leading to improved clinical outcomes. This Special Issue of the *Journal of Personalized Medicine* focusses on the clinical utility of pharmacogenetics testing in selected therapeutic areas. It includes studies that examine the outcome of pharmacogenetic testing as a point of care approach and highlight challenges associated with its clinical implementation.

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on "omics"-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical
subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

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