

Special Issue

Gender Medicine: Pharmacometabolomics and Personalized Medicine

Message from the Guest Editors

There is an urgent need to optimize pharmacological therapy due to high inter-individual variability and economic costs. Sex and gender differences are evident in a multitude of diseases. The omics are fundamental to personalized medicine and therapy; however, they do not cover the multiple aspects of a person, such as environmental or psychosocial factors, that may alter gene expression, limiting the predictions of drug responses based only on genomic differences. Sex and gender medicine and pharmacology play a protagonist role in the application of real personalized care; they utilize all known omics, including “personomics”, to support the importance of life experiences and to underline their relevance in health and medicine. Biological omics plus personomics represent the way forward to personalized medicine for all. The focus of this Special Issue is on how many factors one has to consider to achieve real gender medicine, which is essential to arrive at real personalized medicine, as well as potential novel advances in the care of all.

Guest Editors

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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