



Emerging Technologies for the Next Generation Personalized and Precision Medicine

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Message from the Guest Editor

Since the early 1990s, when the first human genome project was initiated, an extensive effort has been placed on mapping the role of genes in the onset of diseases. Genetic contributions to different diseases however, were found to be varied and to often be very little, with non-genetic factors (e.g., microbiome, environmental hazards,) having much greater attributable risks.

In recent years, significant advances in technologies (e.g., micro NMR, micro raman, microfluidics–photonics, various omics platforms) and novel methodologies (e.g., 3D gene sequencing) have enabled a new-wave of personalized medicine. This Special Issue will discuss the recent advances of emerging technologies/methodologies that have or will transform the landscape of precision medicine. Submissions can be original research articles, reviews, or commentaries/perspectives.





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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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