Special Issue

Personalized Diagnosis and Treatment of Patients with Sepsis

Message from the Guest Editors

Diagnostics and therapy of sepsis still represent the "Holy Grail" of 21st century medicine. The aim of this Special Issue is to provide information on the current and potential use of personalized medicine in sepsis. Sepsis is a multifactorial clinical syndrome with an extremely dynamic clinical course, and is very diverse with respect to clinical phenotype. Early diagnosis is of crucial importance for the final clinical outcome. Previous studies have not identified a biomarker with sufficient sensitivity and specificity for the diagnosis of sepsis. Identification of the infectious agents or the use of molecular biology, next-gene sequencing has not brought significant benefits for patients in terms of early diagnosis. Therefore, we are currently searching for biomarkers, through "omics" technologies with sufficient diagnostic specificity and sensitivity, that are able to predict the clinical course of the disease, and patient response to therapy. Current progress in the use of systems biology technologies brings us hope that by using big data from clinical trials, such biomarkers will be found.

Guest Editors

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Deadline for manuscript submissions

closed (10 August 2021)

About the Journal

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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