

Special Issue

Individualized Trauma Management and Care Strategy

Message from the Guest Editor

Trauma management requires a multidisciplinary team with experience. Recent advances in trauma and critical care, including new concepts of trauma-induced coagulopathy, transfusion medicine, vascular interventions, imaging technology, and novel devices, may decrease the mortality and morbidity of trauma victims and avoid tragedy.

Rapid and accurate diagnosis with early treatment is the cornerstone of dealing with trauma patients. However, the complexity of patients with multiple traumas and the anarchy of the emergency room make this a challenge. Therefore, the guidelines and algorithms need to be personalized considering age, gender, race, mechanism, the extent and severity of injuries, comorbidities, culture, and other individual factors. Only personalized management will lead to the most favorable outcome.

This SI embraces, but is not limited to the following topics of trauma and acute care surgery, including the diagnosis and treatment algorithm of any specific injured organs, novel technology and the intervention of trauma management, rehabilitation and recovery management of trauma patients, innovation of trauma and critical care, and personalized trauma care.

Guest Editor

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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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