Special Issue

Multidisciplinary Management of Acute Trauma and Emergency Surgery

Message from the Guest Editor

Trauma remains one of the leading global health challenges, accounting for over five million deaths annually. Advances in precision and systems-based medicine are redefining how we approach the complex continuum of trauma care, i.e., from prehospital interventions to surgical management, critical care, rehabilitation, and system-level care coordination. This Special Issue of the Journal of *Personalized Medicine* seeks to unite leading experts, innovators, and clinicians to illuminate the future of multidisciplinary strategies in trauma and emergency surgery management. We invite original research, translational studies, comprehensive reviews, and editorials that explore cutting-edge interventions, emerging strategies like precision-guided resuscitation, machine learning applications, and enhanced surgical pathways. Submissions highlighting innovations across diagnostics, therapeutics, system design, and multidisciplinary collaboration are particularly encouraged. This Special Issue aim to deepen our understanding of multidisciplinary teams and inspire new solutions in one of medicine's most dynamic fields. We invite you to share your expertise, innovations, and vision.

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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