Personalized Approaches in Neurosurgery

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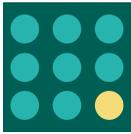## Message from the Guest Editors

Dear Colleagues,

Recent advances in medical technology, data availability, and computational capabilities are opening up new possibilities to tailor the diagnostic, therapeutic, and follow-up journey of neurosurgical patients.

The opportunities unveiled by the application of powerful data analysis techniques, the development of personalized surgical plans for brain and spine surgery, the use of 3D printing technology, and the use of personal digital devices to follow patients over time have the potential to improve outcomes while minimizing risks and reducing costs.

In this Special Issue, we aim to provide readers with a collection of articles regarding the evidence collated, as well as current opportunities and challenges, in the development of personalized approaches for diagnosis, treatment, and follow-up in multiple areas of neurosurgery.

We welcome the submission of original basic science and clinical research papers, proof of concept works, technical notes, and review articles targeting any of these topics.

Special Issue

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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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