Special Issue

Personalized Approaches in Neurosurgery

Message from the Guest Editors

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.

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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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