Special Issue

Precision Medicine in Neurosurgery

Message from the Guest Editors

Precision medicine is to identify a tailored treatment for each patient at the right time. It uses different methodologies, such as big data collection, the various omics and pharmaco-omics, artificial intelligence. The personalized approach through precision medicine methods may significantly impact on different neurosurgical fields. For example, the integration of molecular information in brain tumor diagnosis and treatment and the study of genetic and biochemical factors in movement disorders, hydrocephalus, chronic pain, spinal degenerative and tumoral pathologies could significantly affect our understanding of the pathophysiology of diseases and improve the response to different neurosurgical treatments. Moreover, cutting-edge technologies and novel surgical instrumentation allow neurological surgeons to deliver effective treatments together with minimally invasive surgical approaches. The aim of this Special Issue of the *Journal of Precision Medicine* is to collect outstanding original articles, reviews and communications highlighting innovative and personalized approaches to the diagnosis and surgical treatment of neurosurgical diseases.

Guest Editors

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Deadline for manuscript submissions

closed (25 September 2024)

Journal of Personalized Medicine

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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