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Advances, Challenges and Opportunities in Contemporary Neurosurgery

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Message from the Guest Editors

Dear Colleagues,

For more than 50 years, the fascinating field of neurosurgery has been on an unrestrainable rise. Recognized by technological enterprises for its significance, it has seen a colossal introduction of innovative tools for better understanding exceptionally complex injuries and diseases.

Advances in understanding have led to the development of novel therapeutics, devices and systems, sequentially improving existing and introducing novel therapeutic approaches, procedures and fields to overhaul the management of neurosurgical patients.

However, some challenges have remained; the advances solved many previous struggles, but novel insights brought along novel difficulties. Thus, complications received additional and more appropriate attention based on principles of patient safety and quality of life.

The aforementioned point leaves us with an opportunity to overcome gaps in the knowledge, design and implementation of novel technologies, providing us with a chance to improve current skills and help those in need through novel educational and global neurosurgery efforts.





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