

## Special Issue

# Innovative Technologies in Neurosurgery and Neuroanatomy

### Message from the Guest Editors

This call for papers seeks to gather the latest evidence on innovative technologies in neurosurgery and neuroanatomy. Several key areas of interest:

- Robotic surgery: investigations into the application and effectiveness of robotic technologies in neurosurgical procedures.
- Augmented, mixed, and virtual reality in education: exploration of the use of these technologies in neurosurgical education for enhanced training experiences.
- Surgical planning and intraoperative navigation: studies on the use of advanced technologies in preoperative planning and real-time navigation during neurosurgical procedures.
- Emerging imaging tools: examination of new imaging tools in both diagnostic and treatment phases, with a focus on the potential of theranostics in treating brain and spine malignancies.
- Neuroanatomy studies: emphasis on the significance of studying the anatomy of the brain and spine, covering modern approaches such as cadaver-based and cadaver-free methods for effective neuroanatomical investigations.

Authors are encouraged to submit their work to contribute to the ongoing discourse on the transformative role of technology in neurosurgery and neuroanatomy.

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### Guest Editors

Dr. Giuseppe Emmanuele Umana

Dr. Gianluca Scalia

Dr. Santino Ottavio Tomasi

Prof. Dr. Maurizio Salvati

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### Deadline for manuscript submissions

closed (20 August 2024)



## Life

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### Message from the Editor-in-Chief

*Life* (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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### Editor-in-Chief

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