

## Special Issue

# Advances in the Diagnosis, Visualization and Treatment of Intracranial Aneurysms and Subarachnoid Hemorrhage

### Message from the Guest Editors

The goal of this Special Issue is to highlight technological, clinical, and translational innovations that are shaping the future of aneurysm and SAH care, providing a high-impact platform that captures the current landscape and future directions in the care of aneurysms and subarachnoid hemorrhage—both in clinical practice and research. Welcome Topics of Interest:

- Diagnosis and management of intracranial aneurysms;
- Subarachnoid hemorrhage: acute treatment and outcome predictors;
- Surgical clipping vs. endovascular coiling: current perspectives and innovations;
- Advanced imaging techniques (CT, DSA, MRI) in aneurysm and SAH care;
- 3D visualization and simulation technologies and 3D-printed aneurysm models for surgical planning and education;
- Integration of augmented/mixed reality in neurovascular procedures;
- Cost-effectiveness analyses in aneurysm treatment strategies;
- Long-term imaging follow-up and surveillance protocols;
- Translational models and simulations of aneurysm formation and rupture;
- AI-enhanced applications;
- Patient-specific planning using computational and anatomical modelling;
- Multidisciplinary approaches to complex cerebrovascular cases.

### Guest Editors

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### Message from the Editor-in-Chief

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