Special Issue

Revolutionizing Neurosurgery: Cutting-Edge Techniques and Innovations

Message from the Guest Editor

Neurosurgery is rapidly evolving through a combination of refining traditional techniques and making use of innovative technologies. This Special Issue highlights key advances in this discipline, including microsurgical approaches, minimally invasive techniques, endovascular treatments, and advanced neuroimaging. Conventional microsurgery remains central to the field, with improvements enhancing its precision and safety. Innovations in skull base surgery, aneurysm clipping, and tumor resection continue to optimize patient outcomes. Minimally invasive procedures, such as endoscopic and laser-assisted surgeries, are reducing complications and accelerating recovery. Endovascular techniques for treating aneurysms, AVMs, and stroke offer effective, less invasive options. This collection will contain cutting-edge research into the advancement of neurosurgery, providing essential knowledge for clinicians and researchers dedicated to improving patient care.

Guest Editor

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