

Special Issue

Clinical Updates and Future Perspectives on Spinal Surgery

Message from the Guest Editor

The field of spinoplastics has seen remarkable advancements in recent years. Spinoplastics, and more specifically the development of vascularized bone grafts, has revolutionized neuro-, orthopedic, and plastic and reconstructive surgery. Unlike traditional bone grafts, vascularized bone grafts integrate unnamed blood vessels, which significantly enhances their viability and integration within the host tissue. This Special Issue examines various innovative techniques for vascularization, including the use of bioengineered scaffolds, growth factors, and stem cell technologies. These advancements aim to overcome the limitations of conventional grafts, such as poor vascular integration and limited osteogenic potential. In this Special Issue, we invite authors to submit papers on advancements in spinoplastic surgery, including discussions of surgical techniques, outcomes, and future endeavors. The collected research will offer a comprehensive overview of the current trends, challenges, and future directions in this dynamic and rapidly evolving field.

Guest Editor

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Deadline for manuscript submissions

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