

Special Issue

Advances in Spine Oncology 2.0

Message from the Guest Editors

Molecular targeted therapy is changing the way we treat cancer. Knowing the molecular signature of a specific tumor can lead to targeted therapy and improved outcomes.

In parallel, the use of spinal surgery has increased considerably worldwide over the last 30 years, leading to the development of new, often minimally invasive, surgical approaches and techniques. Tremendous advances have been made in the field of biomaterials, for example, new carbon fiber implants, 3D-printed prosthesis, or “vertebral transplant” for reconstruction after the resection of tumors from the spine.

This Special Issue will accept articles on molecular research and molecular mechanisms concerning the pathophysiology of spine tumors, molecular and biological therapies, new surgical techniques, particle therapy, radiation therapy, radiation oncology, new materials, nanoparticles, and interventional radiology. Both basic science and clinical investigation articles are welcome. The issue aims to put together the advances reached in a field which is as multidisciplinary as spine oncology.

Guest Editors

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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