







an Open Access Journal by MDPI

# **New Insights into Radiation Oncology**

Guest Editor:

### Dr. Birgit Lohberger

Department of Orthopedics and Trauma, Medical University of Graz, Auenbrugggerplatz 5, 8036 Graz, Austria

Deadline for manuscript submissions:

31 July 2024

# Message from the Guest Editor

Dear Colleagues,

The Special Issue "New Insights into Radiation Oncology" covers all aspects of research affecting the treatment of cancer using radiation. It publishes findings from molecular and cellular radiobiology, radiation physics, radiation technology, and clinical oncology.

In addition to surgical removal and chemotherapy, radiotherapy plays an important role in numerous tumor entities. Particle irradiation with protons and carbon ions is particularly indicated for therapy-resistant tumor types such as sarcomas and chordomas, where conventional photon therapy (X-ray radiation) does not achieve satisfactory results. There are still many outstanding issues, particularly in the area of basic research.













an Open Access Journal by MDPI

## **Editor-in-Chief**

#### Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences, Sez-Biochimica, Faculty of Medicine, Università Politecnica delle Marche, Via Ranieri 65, 60100 Ancona, Italy

# 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.

## **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

### **Contact Us**