

CALL FOR PAPERS

In the past decade the knowledge of tumor biology has been widely improved. In particular, with the development of advanced genomic technologies, many neoplasms have been molecularly characterized with the aim of understanding the significance of tumor peculiarities that occur at genomic, transcriptomic, proteomic, or epigenomic levels. Nonetheless, many challenges remain, particularly, in the field of sarcoma research. Comparing with other prevalent oncological diseases (i.e., carcinoma), sarcoma is classified as a rare entity, characterized by a high degree of subtype heterogeneity. Hence, the difficulty to collect large datasets, together with the rarity of its subtypes identical in morphology but genetically different, makes sarcoma investigation one of the most challenging topics in genomic research.

Among the main challenges and aims of sarcoma research is the ability to translate the findings into diagnostic, prognostic, and therapeutic clinical decisions and, more broadly, to improve the management of patients affected by sarcoma.

In this special issue we invite new evidence-based, clinical research and review articles focusing on any type of sarcoma. Multidisciplinary studies based on genomic and functional genetic approaches are welcome. We strongly encourage the submission of original research articles focusing on translational research, in particular, on the molecular basis of sarcoma carcinogenesis, the discovery of new diagnostic, prognostic, and/or therapeutic molecular markers and any other new discovery useful to improve the clinical management of sarcoma. In addition, we will be pleased to accept review articles focusing on the state of the art of sarcoma omics research.

Potential topics include but are not limited to the following:

- ▶ Molecular determinants of sarcoma tumorigenesis (i.e., biomarkers)
- ▶ Prognostic significance and application of cancer-specific genotypes
- ▶ Sarcoma and gene expression profiling
- ▶ Clinical researches on novel therapeutic targeted
- ▶ Current advanced methods in cancer genomics
- ▶ Role of epigenetics in establishment, maintenance, and progression of sarcoma

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/ijg/agsr/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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