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Genomics and Epigenetics of Rare Tumors

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Message from the Guest Editors

Better approaches to diagnosing and treating rare cancers are urgently needed, because treatments for many rare cancers have not advanced at the same pace as treatments for more common cancers. Genomic medicine is transforming our understanding of cancer's origins and complexity by providing detailed characterizations of cancer development in an individual. In addition, genomics is providing insights into how an individual's cancer might progress, and its likely response to treatment. Genomic and epigenomic profiling of rare tumors and cancers—which collectively account for a significant proportion of cancer diagnoses—has the potential to improve a patient's diagnosis and treatment.

This Special Issue of the IJMS is dedicated to the genomics and epigenetics of rare cancers, and welcomes reviews and original papers covering recent genomic and epigenomic research on rare tumor and cancers, including solid and hematological malignancies, pediatric cancers, and tumor predisposition syndromes; case reports highlighting genomic medicine approaches that can be utilized in several clinical scenarios may also be considered.

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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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