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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

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