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Glycobiology of Cancer

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Message from the Guest Editors

Glycobiology is a subject with an important impact in several biomedical fields. In cancer, tumour cells show an altered pattern of their glycans, which influences the different steps of the tumour progression. The identification of some of the altered mechanisms that lead to the anomalous glycosylation in tumours has contributed to the development of potential cancer therapeutic targets. In addition, some of the altered glycoconjugates in cancer have shown their potential for improving cancer diagnostics. However, a major knowledge is required to understand the molecular basis that lead to these glycosylation changes in different tumour types as well as their specific involvement in tumour biology.

Contributions to this Special Issue will cover recent advances in identifying the underlying mechanisms of glycan alterations in different tumours as well as their influence in tumour development. In addition, the different contributions will provide new insights in the use of glycosylation alterations found in tumours to find novel cancer therapeutic strategies and to develop new diagnostics approaches.



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Special Issue



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Message from the Editor-in-Chief

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