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Glycosaminoglycans and Glycomimetics

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Message from the Guest Editors

Glycosaminoglycans (GAGs) have been found to play numerous important roles in a broad range of physiological and pathological processes including blood coagulation, cell growth and differentiation, host defense, viral infection, lipid transport and metabolism, cell-to-cell and cell-to-matrix signaling, inflammation, cancer and Alzheimer's disease. In recent years, the research in GAGs and glycomimetics has been undergoing rapid progress because of the advances in glycan structural analysis, synthesis and genetic manipulation. More and more potential clinical applications of GAGs and glycomimetics have been discovered for the treatment of a wide range of diseases. In this Special Issue on "Glycosaminoglycans and Glycomimetics", we present the latest research and updated reviews related to these ubiquitous biomolecules of fundamental importance.

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Special Issue



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Message from the Editor-in-Chief

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