



The Role of Glycosaminoglycans in Human Diseases

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Message from the Guest Editor

Glycosaminoglycans are one of the most important components of the extracellular matrix. As modulators of cell signaling, glycosaminoglycans are involved in the regulation of several processes important for the development and homeostasis of bone tissues, including proliferation, differentiation, adhesion, and migration of cells. Exploiting different aspects of glycosaminoglycan biology holds great promise for the treatment of various human diseases.

We are pleased to publish original scientific papers or reviews that address the role of glycosaminoglycans, enzymes for glycosaminoglycan biosynthesis, modification, and degradation, and cell surface receptors for glycosaminoglycans in the pathogenesis of human diseases including inflammatory diseases, infectious diseases and cancer. Scientific papers dealing with the development of novel synthetic derivatives or therapeutics based on glycosaminoglycans and related factors for the treatment of either on experimental models (cell cultures, animal preparations, humans) with biomolecular experiments are also welcome. Purely clinical studies on the topic will not be suitable for this special issue.





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Message from the Editor-in-Chief

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