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Musculocontractural Ehlers-Danlos Syndrome and the Biological Role of Dermatan Sulfate

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Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

Ehlers–Danlos syndrome is a clinically and genetically heterogeneous group of heritable connective tissue disorders. Dermatan sulfate depletion through impaired activities of D4ST1 or DSE constitutes the basis of the disorder. Clinical characteristics include multiple malformations and progressive fragility-related manifestations. This is a human condition that affects the biosynthesis of dermatan sulfate, a side chain of proteoglycans; therefore, clinical, genetic, biochemical, glycobiological and pathological investigation of the disorder could elucidate dermatan sulfate proteoglycans' fundamental biological roles in fetal development and maintenance of the connective tissue system. This Special Issue will feature a detailed overview of the latest clinical research and relevant findings as well as a comprehensive review of the literature on Ehlers–Danlos syndrome or dermatan sulfate biosynthesis. These findings would be helpful not only to clinicians involved in the management of hereditary connective tissue disorders but also scientists interested in the biological and pathological roles of dermatan sulfate proteoglycan.

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Message from the Editor-in-Chief

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