

## Special Issue

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

### Message from the Guest Editors

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.

### Guest Editors

Prof. Dr. Tomoki Kosho

1. Department of Medical Genetics, Shinshu University School of Medicine, Matsumoto 390-8621, Japan
2. Center for Medical Genetics, Shinshu University Hospital, Matsumoto 390-8621, Japan
3. Research Center for Supports to Advanced Science, Matsumoto 390-8621, Japan
4. Division of Clinical Sequencing, Shinshu University School of Medicine, Matsumoto 390-8621, Japan
5. BioBank Shinshu, Shinshu University Hospital, Matsumoto 390-8621, Japan

Dr. Shuji Mizumoto

Department of Pathobiochemistry, Faculty of Pharmacy, Meijo University, Nagoya 468-8503, Japan

### Deadline for manuscript submissions

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[genes@mdpi.com](mailto:genes@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan  
Department of Pathology, The University of Alabama at Birmingham,  
1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

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