Special Issue

The Genetic Landscape of Connective Tissue Disorders

Message from the Guest Editor

The exploration of the extracellular matrix (ECM), and its multifaceted roles in hereditary connective tissue disorders, is not only a journey into the foundational elements of our biology but also an essential venture for medical advancement.

Hereditary connective tissue disorders (HCTDs) are traditionally known to involve the skin, bones, and blood vessels. The study of HCTDs has led to the discovery of many pathogenic variations in the genes involved ECM production and assembly, and it continues to offer invaluable insights into the complex mechanics of connective tissues as well as broader implications for genetics, developmental biology, and clinical medicine. Moreover, inherited disorders that affect ECM components—such as Marfan syndrome and Ehlers-Danlos syndromes—highlight how genetic mutations impacting ECM proteins can lead to systemic effects throughout the body.

As we stand on the cusp of these discoveries, it is imperative to allocate resources and intellectual capital to this cause. By dedicating this Special Issue to the advancement of our knowledge on hereditary connective tissue disorders.

Guest Editor

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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

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