Special Issue

Thalassemia Research: Focus on Novel Molecular Insights and Clinical Perspectives

Message from the Guest Editors

The thalassemia syndromes are among the most common human monogenic disorders worldwide. Historically, since the early, pioneering studies, thalassemia research has always provided inspiring lessons for discovering the complex processes and the variety of the structural elements involved in the regulation of gene expression as well as for exploring the molecular bases and the inheritance mechanisms of other human diseases. However, despite the impressive body of knowledge gathered in these decades, there is still a need for further studies in molecular genetics and clinical management that could contribute to define more effective prevention programs and support the development of novel drugs and more successful and affordable gene-therapy strategies.

The purpose of this Special Issue is thus to provide novel insights and perspectives into this continually evolving topic that in the future could lead to a definitive and affordable cure for these disorders. We also hope that the research described herein can be a source of inspiration to the readers for further studies in this fascinating and not yet fully explored field.

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