Special Issue

Molecular Advances in Hereditary Spherocytosis

Message from the Guest Editors

Congenital hemolytic anemia caused by erythrocyte membrane defects is a rare and heterogeneous group of disorders, with Hereditary Spherocytosis (HS) being the most prevalent. It affects approximately 1 in 2,000 to 1 in 5,000 individuals worldwide. Recent advances in genetics have significantly enhanced understanding of HS, providing deeper insights into its molecular mechanisms, diagnosis, and management. While traditional diagnostic methods remain widely used, modern techniques have improved diagnostic accuracy and efficiency. Combining these approaches ensures optimal diagnosis, crucial for accurate prognosis and personalized treatment strategies. This Special Issue aims to compile the latest advancements in HS, focusing on clinical, laboratory, and genetic developments to improve diagnosis and management. The shift from symptom-based treatments to molecularly targeted therapies is key to addressing disease progression and minimizing complications. We invite original research and review articles to contribute to this Special Issue, highlighting innovative molecular approaches to advance HS knowledge and improve patient outcomes.

Guest Editors

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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