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New Insights into Genetic Risk Assessment in Congenital Diseases

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20 March 2022

Message from the Guest Editors

Dear Colleagues,

Congenital diseases are conditions with a partial or complete prenatal origin. Common examples include both phenotypes that are present at birth (e.g., congenital malformations, preterm birth) or those that manifest later (e.g., autism), and a congenital component of risk for a range of diseases is becoming increasingly recognized, even among some diseases that have not been historically considered as having a congenital basis. These conditions include genetic syndromes and chromosome abnormalities, many of which have a well-defined genetic etiology, as well as non-syndromic conditions, many of which are suspected to have a complex etiology involving multiple genes and environmental factors, as well as both maternal and inherited genetic effects. In this Special Issue, we invite papers related to the elucidation of the genetic and genomic etiologies of congenital diseases and the molecular diagnostic evaluation of such conditions among humans. New insights into the genetic risk involved in congenital diseases are needed in order to work towards better understanding the determinants of these conditions.

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Editor-in-Chief

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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving 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.

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