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Molecular Basis of Rare Genetic Diseases

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Message from the Guest Editors

Dear Colleagues,

According to the World Health Organization, rare diseases affect 65 out of 100,000 individuals. Around 80% of rare diseases are genetic, and the majority clinically manifest in childhood.

Currently, specific treatment are available for several genetic diseases that improve the patients' life expectancy and quality and reduce the mortality risk. Knowledge of the molecular basis of rare diseases is important, both for making appropriate diagnoses and for developing specific therapies. In addition, early diagnosis is also important so that specific or supportive therapies can be started as early as possible.

In this Special Issue, we will bring together contributions that help to identify the molecular basis of rare diseases. Review or original articles that address this are welcome.

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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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