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Genetics and Genomics of Inherited Metabolic Diseases

Guest Editors:

Dr. Ewa Piotrowska
Department of Molecular Biology, University of Gdansk, Gdansk, Poland

Dr. Magdalena Podlacha
Department of Molecular Biology, Faculty of Biology, University of Gdansk, Gdansk, Poland

Deadline for manuscript submissions:
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Message from the Guest Editors

Inherited metabolic diseases comprise a vast and complex array of separately rare genetic disorders. Rapid advances in the field of genomics and related disciplines have facilitated progress in our understanding of the pathophysiology of most metabolic disorders, and led to the development of various therapeutic approaches including cell therapy, enzyme replacement therapy, substrate reduction therapy, gene therapy, and others. Nevertheless, while improved screening and diagnosis methods enable presymptomatic treatment, they do not indicate what therapies would be most beneficial to the individual patient. Further research is therefore needed addressing disease pathophysiology, combination therapies, and optimal therapeutic timing.

This Special Issue of Genes aims to attract original research articles, reviews, and short communications on understanding recent advances in the genetics and genomics of inherited metabolic diseases.

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Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan
Department of Pathology, The University of Alabama at Birmingham, 1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

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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Contact Us

Genes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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