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Multi-omics and Precision Medicine in Chronic Complex Diseases

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Message from the Guest Editor

This Special Issue on "Multi-omics and Precision Medicine in Chronic Complex Multi-System Diseases" addresses the urgent need to understand and combat the rising prevalence of complex, chronic multi-system conditions worldwide.

In this Special Issue, we aim to showcase cutting-edge research and innovative methodologies that shed light on the complex interplay between genetic, environmental, and physiological factors in chronic complex multi-system diseases. Our goal is to foster the development of personalized treatment strategies and targeted therapies tailored to individual patients based on multi-omics profiling. By identifying biomarkers for early diagnosis and effective therapeutics, we aim to deliver a healthier lifespan to patient populations worldwide.

We invite original research articles, reviews, and perspectives addressing various key themes, including biomarker identification, integration of multi-omics data, precision medicine approaches, novel technologies for data analysis, understanding disease pathophysiology, and exploring comorbidities in chronic complex multi-system diseases, alongside those resulting from post-infection or environmental trauma.



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Special Issue



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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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