

Special Issue

Utilization of the New Concept, Genetically Transitional Disease to Study Genetic Mechanisms of Autoimmune and Autoinflammatory Diseases

Message from the Guest Editors

Human genetic disorders have been traditionally classified as monogenic (Mendelian) or polygenic (genetically complex). Moreover, there has been an explosion in the volume of genomic information over the recent two decades. Genetically transitional disease (GTD) emerges as a new concept, supplementing traditional binary classification. It denotes that a genetic mutation is necessary but not sufficient to cause disease alone, highlighting the pervasive interactions between a person's genetic background and environment. This Special Issue aims to advance genetic and genomic research, particularly in autoimmune and autoinflammatory diseases, highlighting studies exploring the underlying genetic and genomic mechanisms using the new concept as an innovative strategy. This research topic calls for manuscripts of original research, reviews, case series, and well-studied single case reports. These papers may come from clinical, translational, and/or basic research.

Guest Editors

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Deadline for manuscript submissions

closed (30 May 2025)

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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?

Editor-in-Chief

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