

Special Issue

Autoimmunity and Autoinflammatory Genetic Syndromes

Message from the Guest Editor

The scope of this Special Issue is to highlight the unique role of autoimmune or autoinflammatory phenotypes with a hereditary inheritance, in uncovering the role of different pathways in the pathogenesis of these disorders. Autoimmunity and autoinflammatory diseases are conditions involving different aspects of the immune system. This classical definition is challenged by conditions like Behcet's syndrome, where the involvement of both arms of the immune system is present. The complexity of all those conditions is increased by the close relationship of the immune system with the environment. Most of the common autoimmune diseases, such as Systemic Lupus Erythematosus, Rheumatoid Arthritis, Multiple Sclerosis, and Sjogren's syndrome, usually do not show a classical Mendelian inheritance. However, even for autoinflammatory disorders 70–80% of the cases do not show a Mendelian inheritance, and they are sometimes defined as SURF (Syndrome of Undifferentiated Recurrent Fever), indicating that those patients have a clinical diagnosis of autoinflammatory disease, characterized just by recurrent fever, but the underlying cause or mechanism is still unknown.

Guest Editor

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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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