

Special Issue

10th Anniversary of *Biomedicines*- Immunopathogenesis of Autoimmune Diseases

Message from the Guest Editor

Autoimmune diseases are multifactorial conditions, in which both genetic and environmental factors play a crucial role. Although they are characterized by different phenotypes, these disorders often share a common and complex environment of cytokines involved in their pathogenesis. More recent studies have focused on the role of the gut microbiome in shaping the immune system, contributing to the pathogenesis of many diseases involving the whole organism. In some autoimmune diseases such as systemic sclerosis (SSc) and systemic lupus erythematosus (SLE) the role of the human leukocyte G antigen (HLA-G) has been recognized in the complex immunological pathogenesis of these two autoimmune diseases, where it is expressed in different cell populations. A growing interest concerns miRNAs, which alterations and polymorphisms have been found to be involved in the pathogenesis of autoimmune diseases, paving the way for the identification of new therapeutic approaches in the future.

Guest Editor

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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