

Special Issue

Role of Interleukin Genes in Etiopathogenesis of Multifactorial Traits and Diseases

Message from the Guest Editor

Variability in the interleukin genes and/or their receptors has been associated with several multifactorial traits and/or diseases; a number of these cytokines have been considered as targets for the development of biological therapies, with the goal of blocking their activities and modulating the immune response. We invite authors to contribute to this Special Issue “Role of Interleukin Genes in the Etiopathogenesis of Multifactorial Traits and Diseases” with original research and review articles focusing on, but not limited to, molecular levels—that is, genetic (the role of rare and common genetic variants in traits or disease–gene associations) and epigenetic mechanisms, functional studies, in vitro and in vivo models, and mechanisms of proinflammatory/anti-inflammatory responses. In addition, because unravelling the interplay between environmental factors (e.g., infections) and the genetic variation in a population is crucial for understanding the pathogenesis of common autoimmune or infectious diseases and for designing novel therapeutic strategies, insights into the investigation of host–pathogen interactions are also invited.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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