

## Special Issue

# Omics Approaches on Immune-Mediated Inflammatory Diseases: Towards Novel Biomarkers and Potential Therapeutic Targets, 3rd Edition

### Message from the Guest Editor

Currently, chronic immune-mediated inflammatory diseases (IMIDs), including, but not restricted to, autoimmune conditions, which present ever-increasing prevalence worldwide.

Recent technological advances facilitated high-throughput omics approaches (genomics, transcriptomics, epigenomics, proteomics, and metabolomics) for the evaluation of critical molecular compartments involved in the development and perpetuation of IMIDs. Unveiling key players governing their pathogenesis and progression may pave the way for the detection of novel biomarkers for disease prognosis and response-to-therapy monitoring, while suggesting potential therapeutic targets. Bulk and single-cell omics, multi-omics flow cytometry, new-generation microscopy, and systems biology are among the current approaches expected to provide useful tools.

After having success in collecting significant number of valuable manuscripts, this Special Issue is now launching its third volume, aiming at hosting more original research, reviews, or systematic review articles describing the most recent advances in the field of omics on IMIDs, possibly suggesting novel biomarkers and/or therapeutic targets.

### Guest Editor

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### Deadline for manuscript submissions

31 December 2025



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## About the Journal

### 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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### Editor-in-Chief

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