



Omics Approaches on Immune-Mediated Inflammatory Diseases: Towards Novel Biomarkers and Potential Therapeutic Targets Vol. 2

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Message from the Guest Editor

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 chronic immune-mediated inflammatory diseases (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 to be applied in the daily clinical practice, for the improvement of patients' management and quality of life.

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





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Message from the Editor-in-Chief

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