

Special Issue

New Insights in Immune Cell Diversity: A Bridge Between the Patient Stratification and Personalized Therapies

Message from the Guest Editors

In recent years, there have been significant advances in the understanding of the human immune system and of the impact it has on different diseases. Two factors account for this considerable progress. First, the new technological developments, such as mass cytometry, single-cell immunogenomics, and system biology approaches, allow analyses with unprecedented resolution at the cellular level of the immune compartment. This has led to a highly dynamic situation in which new immune populations are constantly identified and described.

This Special Issue aims to highlight the research and strategies currently used to redefine the cellular diversity within the immune system. It also welcomes all those studies seeking not only to elucidate how the immune system participates in tissue homeostasis and disease but also to improve the current immune-based scores tools for prognosis and patient stratification, which will eventually help to outline novel strategies to address personalized treatments.

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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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