



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

Guest Editors:

**Dr. Amedeo Amedei**

Department of Experimental and  
Clinical Medicine, University of  
Florence, 50134 Florence, Italy

**Dr. Gwendolyn Barceló-  
Coblijn**

Institut d'Investigació Sanitària  
Illes Balears (IdISBa, Health  
Research Institute of the Balearic  
Islands), 07120 Palma, Spain

Deadline for manuscript  
submissions:

**closed (30 November 2020)**

### 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.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Maurizio Battino

Department of  
Odontostomatologic and  
Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of  
Medicine, Università Politecnica  
delle Marche, Via Ranieri 65,  
60100 Ancona, Italy

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

## Contact Us

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/ijms  
ijms@mdpi.com  
X@IJMS\_MDPI