

Special Issue

Trends in Molecular Research for Transplantation Immunology

Message from the Guest Editor

This Special Issue of *IJMS* brings articles in all areas related to transplantation immunology including tissue injury, transplant rejection and acceptance, and immunosuppression to highlight both progress and gaps in knowledge. It covers our current understanding of antigen recognition, signal transduction, epigenetics, cell signaling, and the regulatory and effector mechanisms of the innate and adaptive immune systems. Specific Topics covered in this Issue include (but not limited to) the following: genome editing, ischemia reperfusion injury, tissue repair, cell therapy, innate immune systems in allorecognition, adaptive immunity, immune regulation, HLA and antibodies, pathology, new technical developments, the future of immunosuppres.

Guest Editor

Prof. Dr. Carla C. Baan

Department of Internal Medicine, Section of Transplantation and Nephrology, Rotterdam Transplant Group, Erasmus MC, University Medical Center Rotterdam, Rotterdam, the Netherlands

Deadline for manuscript submissions

closed (20 March 2020)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/22681

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)



About the Journal

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.

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

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 and Molecular Biology) / CiteScore
- Q1 (Organic Chemistry)