



Trends in Molecular Research for Transplantation Immunology

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)

Message from the Guest Editor

Dear Colleagues,

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.

Prof. Dr. Carla C. Baan
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. José L. Quiles

Department of Physiology,
Institute of Nutrition and Food
Technology “Jose Mataix”,
Biomedical Research Center,
University of Granada, Avda.
Conocimiento s/n, 18100 Armilla,
Granada, Spain

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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 and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI