

Special Issue

Cytokine Receptors In Development, Homeostasis & Disease

Message from the Guest Editor

The development, maintenance and regulation of specific cell lineages is both complex and critical, with disruptions of these processes implicated in a wide variety of disease states. There are many mechanisms via which such processes are regulated, including both intrinsic and extrinsic controls. Cytokine receptors are expressed on the surface of responsive cells, where they can impact a multitude of cell functions following activation by a relevant cytokine. These signals are important for the normal development and function of many cell lineages, notably including blood and immune cells. Equally, they have been shown to be perturbed in many pathological states. This Special Issue is a celebration of the cytokine receptor family, which will examine both their common and unique features, with a strong emphasis on their role in development and disease.

- cytokines
- cytokine receptors
- JAK--STAT pathway
- immunology
- hematology
- development
- cancer
- infectious disease

Guest Editor

Prof. Dr. Alister C. Ward

School of Medicine, Centre for Molecular and Medical Research,
Deakin University, Geelong 3220, Australia

Deadline for manuscript submissions

closed (31 December 2021)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/61154

*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)* 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.

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

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, CAPus / SciFinder, and other databases.

Journal Rank:

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