

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

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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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