



Cytokine Receptors In Development, Homeostasis & Disease

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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





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Message from the Editor-in-Chief

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