



## The Role of Interleukin in Health and Diseases

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### Message from the Guest Editor

Dear Colleagues,

Interleukin is a general term for physiologically active substances produced by various cells including immune cells. Most interleukins are glycoproteins, the molecular weight of which is around 10,000 to 100,000. One interleukin molecule exerts various physiological activities. Interestingly, a cascade network of interleukin production exists with its inhibitor production. Therefore, interleukins are essential for cells to interact with each other, and are also called "words" used by cells. Words (interleukins) harmonize the innate immune system and the acquired immune system, and then defend from infection.

The Special Issue "Interleukin" covers the actions of interleukins in various diseases, production mechanisms, gene regulation mechanisms, receptor systems, signal transduction, and systems biological approaches. We hope that this Special Issue will provide a platform for enhancing research on interleukins.





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