

Special Issue

The Role of Interleukin in Health and Diseases

Message from the Guest Editor

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.

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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