

## Special Issue

# Neutrophil in Cell Biology and Diseases

### Message from the Guest Editors

Neutrophils, which are the most abundant circulating white blood cells in human, are the first leukocytes recruited to infection sites. They are well known for their host defense activity; however, the physiological roles of neutrophils are not restricted to infectious diseases. Recent evidence has grown, suggesting the novel physiological roles of neutrophils in various conditions from steady state to various diseases. The unique niche of neutrophils in disease conditions comes from their functions resulting from activation. Furthermore, the existence of neutrophil heterogeneity in diverse pathophysiological conditions, similar to other myeloid lineage cells. Knowledge of the newly identified neutrophil population greatly contributes to our understanding of the functional roles of neutrophils in various pathological conditions. This Special Issue is focused on the new molecular mechanisms involved in the regulation of neutrophil activity, the novel physiological role of neutrophils in diseases, as well as the heterogeneity of neutrophils in diverse diseases. Manuscripts that provide such information will be welcomed.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 November 2022)



## International Journal of Molecular Sciences

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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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