

Special Issue

New Insights into Neutrophil Biology

Message from the Guest Editors

Our understanding of the roles played by neutrophils in health and disease continues to grow as we discover more about the functionality of these critical innate immune cells. Neutrophils are rapidly recruited to sites of infection, inflammation and injury and subsequently carry out an array of effector functions to counteract the initial insult. These cellular actions primarily serve to limit bacterial invasion, but can also promote healing in sterile tissues. However, dysregulated neutrophil responses can lead to significant tissue damage and non-resolving inflammation as observed in chronic diseases of the airway, vasculature, gut and other systems. Targeting neutrophils as a potential therapeutic strategy continues to be an area of intense research.

The aim of this Special Issue is to present the latest insights on neutrophil biology in health and disease, covering areas including migration, immunity, pathogen interactions, cell death programmes, plasticity, cancer, inflammation (and inflammation resolution) and wound healing.

Guest Editors

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Deadline for manuscript submissions

closed (20 November 2022)



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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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