

Special Issue

Neutrophil Extracellular Traps: From Host Defence to the Pathophysiology of Disease

Message from the Guest Editors

An absence of neutrophils or defects in neutrophil function, either inherited or acquired, is associated with immunodeficiency and autoimmunity, indicating the central role of neutrophils in health and disease.

Neutrophil research has long focussed on granulopoiesis, phagocytosis, and degranulation, but since Zychlinsky et al. first reported the formation of neutrophil extracellular traps in 2004, this previously unrecognized effector function of neutrophils has attracted enormous attention in many specialist domains. Meanwhile, a role for neutrophil extracellular traps has been demonstrated in numerous disease contexts. Evolving new knowledge has been accompanied by numerous debates touching nomenclature; the significance of analytic assays; and data interpretation, a typical phenomenon in novel research domains. This Special Issue of *Cells* will create a forum to present and discuss new avenues in this expanding domain and will hopefully help to move the field forward towards a deeper understanding of the roles of neutrophil extracellular traps in health and disease. We invite investigators to contribute original research, review, as well as opinion articles on this topic.

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Deadline for manuscript submissions

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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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