

## Special Issue

# Neutrophils and Host Immunity

### Message from the Guest Editors

Recent years have seen a surge in research focusing on Neutrophils as one of the central key players in orchestrating both, the innate and adaptive host immune response. Given their vast array of effector functions, these cells are required for the host defense and are traditionally known as “first responders” to reach the site of infection or inflammation. Not only do they kill and clear invading pathogens through different antimicrobial functions, including recently discovered neutrophils extracellular traps (NETs) formation, but also play a critical role in tissue homeostasis and regeneration following inflammation. Apart from their role in innate immunity, neutrophils have recently been acknowledged to play an important role in shaping host adaptive immune response to infectious agents and vaccines. Papers highlighting the effect of age or inflammation on neutrophil phenotype and its effect on host susceptibility to various infections are appreciated. Authors are also encouraged to submit relevant findings ruling out certain aspects of neutrophil functions or signaling pathways while shaping up host immune response.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 March 2024)



## Vaccines

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Impact Factor 3.4  
CiteScore 9.9  
Indexed in PubMed



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## About the Journal

### Message from the Editor-in-Chief

*Vaccines* (ISSN 2076-393X) has had a 6-year history of publishing peer-reviewed state of the art research that advances the knowledge of immunology in human disease protection. Immunotherapeutics, prophylactic vaccines, immunomodulators, adjuvants and the global differences in regulatory affairs are some of the highlights of the research published that have shaped global health. Our open access policy allows all researchers and interested parties to immediately scrutinize the rigorous evidence our publications have to offer. We are proud to present the work and perspectives of many to contribute to future decisions concerning human health.

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### Editor-in-Chief

Prof. Dr. Ralph A. Tripp

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