

## Special Issue

# The Role of Immune Response During Viral Infection in Patients with Respiratory Allergy

### Message from the Guest Editors

Respiratory allergic disorders are a frequent type of allergy with an increasing global incidence, especially for individuals living in urban areas. Viral infections can significantly exacerbate asthma, leading to severe disease courses and possibly fatal consequences. Notably, atopic subjects affected by respiratory allergies such as asthma have a low level of antiviral cytokines. Furthermore, innate immune cells activated by viral pathogens and viruses themselves contribute to the pathogenesis of eosinophilic inflammation. Indeed, the role of viral infections and the innate immune response in respiratory allergy is a growing field of research. This Special Issue, “The Role of Immune Response in Viruses and Respiratory Allergy”, aims at collecting new evidence on immunologic, viral, and host factors contributing to the pathogenesis of respiratory exacerbations. Studies that shed light on the molecular mechanisms of the innate immune response during virosis in atopic subjects are welcome.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2024)



## Vaccines

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## About the Journal

### Message from the Editor-in-Chief

*Vaccines* (ISSN 2076-393X), founded in 2013, now has a firm history of publishing peer-reviewed, state-of-the-art research papers on vaccines and vaccination in the broadest sense. Areas covered include, but are not limited to, novel and emerging vaccine technologies, building on in-depth knowledge of what constitutes a protective immune response. These can be new vaccines for old diseases, or old vaccines for new diseases. Vaccines against cancer and autoimmune diseases explicitly are also within the scope of the journal. Because public opinion and even government policies towards vaccines and vaccination have changed, vaccine policy and public health issues are major concerns. Climate change will also have an impact on the spread of infectious diseases, and thus also on vaccine and vaccination policies worldwide.

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### Editor-in-Chief

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### Author Benefits

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indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Medicine, Research and Experimental) /  
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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).