

Special Issue

Avian Viruses and the Host Immune System

Message from the Guest Editors

The outcome of a viral infection on the host's immune system involves a complex interaction that restricts viral infection and replication. Viruses have developed various strategies to evade immune responses. For example, viruses can interfere with antibody production and trigger innate and adaptive immune responses in their avian hosts. Some avian influenza viruses, like H5N1 and H7N9, have evolved mechanisms to suppress the innate immune response. We welcome original research articles and reviews for this Special Issue. Topics of interest include, but are not limited to, studies on avian viruses, avian vaccine vectors, adjuvants and immunomodulators, avian vaccine development and efficacy evaluation, viral immunology, and immunology mechanisms. We invite you to submit your work to our Special Issue, "Avian Viruses and the Host Immune System". This issue provides a platform for research studies focused on avian viruses and the host immune response. We look forward to your contributions.

Guest Editors

Dr. Kang Ning
Dr. Junfeng Lv
Dr. Xiujuan Zhang

Deadline for manuscript submissions

closed (31 May 2026)



Vaccines

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 9.9
Indexed in PubMed



mdpi.com/si/241812

Vaccines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
vaccines@mdpi.com

[mdpi.com/journal/
vaccines](https://mdpi.com/journal/vaccines)





Vaccines

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 9.9
Indexed in PubMed



[mdpi.com/journal/
vaccines](https://mdpi.com/journal/vaccines)



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.

Editor-in-Chief

Prof. Dr. Ger Rijkers

Department of Health, Cognition and Behavior, University College
Roosevelt, 4331 CB Middelburg, The Netherlands

Author Benefits

High Visibility:

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

Journal Rank:

JCR - Q2 (Medicine, Research and Experimental) /
CiteScore - Q1 (Pharmacology (medical))

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).