

## Special Issue

# B and T Cell-Mediated Immunity 2.0

### Message from the Guest Editors

Generation of vigorous cell-mediated immune responses is critical to protection against many infectious diseases. T cells and B cells represent separate but interconnected arms of the adaptive immune response. As such, they are critical in providing long-lasting protection, thanks to the induction of immune memory, following vaccination or natural infection. This Special Issue focuses on T and B cell-mediated immunity as they relate to vaccination and protection against infectious diseases. The goal is to enhance our knowledge of the important roles that T and B cells play to provide long-lasting protection. Understanding the contributions of T and B cells, as well as their interactions, following vaccination and/or natural infection could provide critical insights that will help further vaccine development.

---

### Guest Editors

Dr. Monica A. McArthur

Center for Vaccine Development, University of Maryland School of Medicine, Baltimore, MD 21201, USA

Dr. Franklin Toapanta

Center for Vaccine Development, University of Maryland School of Medicine, Baltimore, MD 21201, USA

---

### Deadline for manuscript submissions

closed (30 June 2022)



## Vaccines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 9.9  
Indexed in PubMed



[mdpi.com/si/71415](https://mdpi.com/si/71415)

*Vaccines*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[vaccines@mdpi.com](mailto: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) 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.

---

### Editor-in-Chief

Prof. Dr. Ralph A. Tripp

Department of Infectious Diseases, College of Veterinary Medicine,  
University of Georgia, Athens, GA 30602-7387, USA

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPIus / 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 19.6 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2025).