

# Special Issue

## Cancer Vaccine

### Message from the Guest Editor

Vaccines have saved millions of people from infectious diseases. Despite advances in immunology and medicine, developing vaccines against cancers is still a challenge for researchers. Recent studies have shown some remarkable steps toward successful development. Vaccines are used to induce antitumor immunity through specific tumor-associated antigens. Cancer cells also express normal cells antigens, which limits therapeutic vaccine development. Targeting tumor-associated antigens and neoantigens on cancer cells is widely used to stimulate effective antitumor immunity in therapeutic vaccine approaches. The tumor microenvironment comprises various immune cells and suppresses tumor antigen expression. In order to target the tumor microenvironment, combined therapeutic approaches using oncolytic viruses, immune checkpoint inhibitors, and adoptive T-cells therapy have been widely employed. This issue will specially focus on cancer vaccine development. Therefore, we welcome research articles as well as review articles, which would provide not only immense knowledge in these topics but also lead to new directions in cancer vaccine research.

---

### Guest Editor

Dr. So Young Yoo

BIO-IT Foundry Technology Institute, Pusan National University, Busan, Republic of Korea

---

### Deadline for manuscript submissions

closed (31 October 2020)



## Vaccines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 7.7  
Indexed in PubMed



[mdpi.com/si/39464](https://mdpi.com/si/39464)

*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 7.7  
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 (Infectious Diseases)

#### 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).