



## The Past, Present, and Future of mRNA Vaccines

Guest Editor:

**Prof. Dr. Norbert Pardi**  
Department of Medicine,  
University of Pennsylvania,  
Philadelphia, PA, USA

Deadline for manuscript  
submissions:  
**closed (1 January 2021)**

### Message from the Guest Editor

Vaccines represent one of the most successful interventions of modern medicine. Currently used vaccine types have many shortfalls, and, thus, the development of next-generation vaccines that are safe, easy-to-produce, and offer broad and durable protection against a wide range of pathogens and have the ability to eliminate various types of cancer is urgently needed. mRNA vaccines have the potential to meet these criteria and, thus, represent one of the most promising new generation vaccine modalities.

This Special Issue of *Vaccines* will provide a series of peer-reviewed perspective and review articles that discuss the current standing and speculate on the future of the field of mRNA vaccines. This Special Issue will discuss a broad range of topics including recent developments in various types of infectious disease and cancer mRNA vaccines, passive immunization with mRNA, delivery materials, and production of mRNA vaccines, among other topics.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Ger Rijkers

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

## 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.

## Author Benefits

**Open Access:** free for readers, with **article processing charges (APC)** paid by authors or their institutions.

**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))

## Contact Us

---

Vaccines Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/vaccines](http://mdpi.com/journal/vaccines)  
[vaccines@mdpi.com](mailto:vaccines@mdpi.com)  
[X@Vaccines\\_MDPI](https://twitter.com/Vaccines_MDPI)