

Special Issue

Plant Based Vaccines- A Powerhouse for Global Health

Message from the Guest Editor

Plants are emerging as powerful platforms for the production of biopharmaceuticals and industrial proteins. Plant-based vaccines, monoclonal antibodies and other therapeutic proteins show promise as inexpensive yet efficacious approaches to address global health. Vaccines made from plants are safe, easy to generate en masse and can be stored at ambient temperatures. These distinct properties make plant-based vaccines attractive alternatives for providing medicines which have previously been inaccessible and unaffordable to the poor in developing countries. In addition to this, plant-based vaccines can be stockpiled to guard against global pandemics such as Influenza and could be employed in personalized medicine, such as addressing chronic diseases including cancer. Plant-based vaccines can therefore facilitate improvements in global health through multiple conduits.

Guest Editor

Dr. Kathleen Hefferon

Cell and Systems Biology, University of Toronto, Toronto, ON M5S 1A1, Canada

Deadline for manuscript submissions

closed (1 September 2021)



Vaccines

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/39713

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 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).