

Special Issue

Development of Novel Mucosal Vaccines: Advances in Technology and Delivery

Message from the Guest Editor

We are pleased to invite you to contribute to this Special Issue, where we aim to focus on pathogens that invade the body through mucosal sites. Examples of this include oral and intranasal vaccination, which have emerged as promising approaches for mucosal vaccine delivery. Technological advancements in mucosal vaccination have heightened immunological responses, simplified administration, and enhanced efficacy. The primary objective of this Special Issue is to describe the latest technological developments that enable the effective delivery of vaccines, specifically focusing on mucosal vaccines and their development, production, processing, and design. Additionally, novel vaccine platforms for mucosal immunization, such as mRNA, DNA, viral vectors, live attenuated bacteria, bacterial vectors, and encapsulation techniques, are of interest. We look forward to receiving your contributions. Best regards,

Guest Editor

Dr. Mohamed I. Husseiny El-Sayed

Department of Translational Research & Cellular Therapeutics, Arthur Riggs Diabetes & Metabolism Research Institute, Beckman Research Institute, City of Hope National Medical Center, Duarte, CA 91010, USA

Deadline for manuscript submissions

closed (31 January 2026)



Vaccines

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 9.9
Indexed in PubMed



mdpi.com/si/199921

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).