

## Special Issue

# Designing and Developing the Next Generation of Vaccine Adjuvants

### Message from the Guest Editors

Over the past two decades, there have been significant advances in the development of novel vaccine adjuvant formulations, building from an improved understanding of how these adjuvants work, and the key role of 'delivery'. This past decade also saw the advance of several new adjuvants into clinical development, and even included into licensed products. These recent advances have expanded our understanding on mechanisms of action and have laid the groundwork for the development of new and improved technologies. There have been significant insights into the identification of new and improved agonists, which can be exploited for the rational development of the next generation of adjuvants—particularly if these ligands can be coupled with improved delivery systems to enhance potency, and limit reactogenicity, or safety concerns. This Special Issue on “Designing and Developing the Next Generation of Vaccine Adjuvants” will focus on highlighting key tools for designing and discovering novel vaccine adjuvants as well as discussing advances made in developing adjuvants suitable for clinical evaluation.

---

### Guest Editors

Dr. Derek T. O'Hagan

GSK, Rockville Center for Vaccines Research, Rockville, MD 20850, USA

Dr. Rushit N. Lodaya

GSK, Rockville Center for Vaccines Research, Rockville, MD 20850, USA

---

### Deadline for manuscript submissions

closed (20 April 2023)



## Pharmaceutics

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.5  
CiteScore 10.0  
Indexed in PubMed



[mdpi.com/si/134317](https://mdpi.com/si/134317)

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

[mdpi.com/journal/  
pharmaceutics](https://mdpi.com/journal/pharmaceutics)





# Pharmaceutics

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.5  
CiteScore 10.0  
Indexed in PubMed



[mdpi.com/journal/  
pharmaceutics](https://mdpi.com/journal/pharmaceutics)



## About the Journal

### Message from the Editor-in-Chief

*Pharmaceutics* (ISSN 1999-4923) is an online open access journal on the science and technology of pharmaceuticals and biopharmaceuticals. The scientific community, the wider community and the general public have unlimited and free access to the content as soon as a paper is published; this open access to your research ensures your findings are shared with the widest possible audience. Please consider publishing your impressive work in this high quality journal. We would be pleased to welcome you as one of our authors.

---

### Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey, William Levine Hall, Room 225C, 160 Frelinghuysen Road, Piscataway, NJ 08854-8020, USA

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.7 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2025).