



Technologies for the Development of Next Generation Adjuvanted Vaccines

Guest Editor:

Dr. Anita Milicic

Nuffield Department of Medicine,
The Jenner Institute, University of
Oxford, Old Road Campus
Research Building, Headington
OX3 7DQ, UK

Deadline for manuscript
submissions:

closed (28 February 2021)

Message from the Guest Editor

Dear Colleagues,

In the age of subunit vaccine platforms, the advancement of new technologies that can generate a potent immune response while retaining a good safety profile is a prerequisite for the development of next generation vaccines.

Vaccine adjuvants can be a powerful tool in new vaccine development, both for established and for emerging pathogens, enabling us to address issues such as subpopulations with impaired immune responses, or the need for vaccine dose-sparing. However, it is becoming increasingly clear that in the future, most advantageous vaccine formulations will need to combine both qualities: optimal cell targeting for vaccine uptake and the appropriate stimulation of the immune system to induce a lasting and effective response.

This Special Issue focuses on novel technologies addressing vaccines and adjuvant formulation and delivery, the use of advanced (multicomponent) adjuvants, controlled antigen release approaches and the routes of administration. It also includes process development for the scaling up of manufacturing, and the considerations of the key attributes of vaccine development in a pandemic scenario.

Dr. Anita Milicic
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Department of Pharmaceutics,
Ernest Mario School of
Pharmacy, Rutgers University,
Piscataway, NJ 08854, USA

Message from the Editor-in-Chief

Pharmaceutics (ISSN 1999-4923) is an online open access journal on the science and technology of pharmaceutics and biopharmaceutics. 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.

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

Contact Us

Pharmaceutics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/pharmaceutics
pharmaceutics@mdpi.com
X@MDPIpharma