



an Open Access Journal by MDPI

# **Recent Advances in Vaccine Delivery Systems**

Guest Editor:

### Prof. Dr. Kai Zhao

Institute of Nanobiomaterials and Immunology, Advanced Research Institute, School of Life Science, Taizhou University, Taizhou 318000, China

Deadline for manuscript submissions: closed (20 July 2022)

### Message from the Guest Editor

Vaccine adjuvants are an attractive immunization platform with a long-term immune response and improved immunogenicity. Vaccines combined with appropriate adjuvants can reduce the amount of immunizing antigen and the cost of vaccine production. Meanwhile, vaccine adjuvant delivery systems and the route of adjuvant administration also play an important role in the immune effect of vaccine adjuvants. Currently, the toxic side effects and inappropriate delivery approaches have greatly limited the wide applications of vaccine adjuvants in the field of biomedical research. Therefore, the development of novel, non-toxic, highly effective vaccine adjuvants and the corresponding delivery systems is essential to enhance the immune effect of vaccines.

This Special Issue focuses on recent research progress in vaccine adjuvants and adjuvant delivery systems, the development of new vaccine adjuvants, the rational design of delivery systems, and the evaluation of immune efficacy of vaccine adjuvants.



mdpi.com/si/108661







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