

## Special Issue

# DNA and mRNA-Based Vaccines Against Infectious Diseases

### Message from the Guest Editor

I am glad to announce a new Special Issue titled “DNA and mRNA-Based Vaccines against Infectious Diseases”. This Special Issue covers all relevant topics related to DNA and mRNA vaccines for infectious diseases in human and animals, ranging from the rational design to the development and production of preclinical and clinical applications. While human vaccines are of particular interest, manuscripts on animal vaccines are also welcome.

This Special Issue welcomes the submission of original research articles, short communications, and review articles with a focus on, but not limited to, the following:

- The development of DNA- and mRNA-based vaccines;
- The delivery of DNA- and mRNA-based vaccines;
- The mechanism involved in the elicited responses;
- Vaccine safety;
- Vaccines to prevent zoonotic transmission targeting the animal reservoir;
- Advances in DNA and mRNA vaccine formulation and adjuvantisation;
- Small animal model for vaccine evaluation.

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### Guest Editor

Prof. Dr. Wentao Li

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2. The Cooperative Innovation Center for Sustainable Pig Production, College of Veterinary Medicine, Huazhong Agricultural University, Wuhan 430070, China

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### Deadline for manuscript submissions

closed (20 September 2025)



## International Journal of Molecular Sciences

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## About the Journal

### Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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