

Special Issue

mRNA Vaccines: Pioneering the Future of Vaccination

Message from the Guest Editors

Amid the devastation of the COVID-19 pandemic, mRNA vaccines have risen to the occasion. While early IVT-mRNA was limited by instability, high immunogenicity, and poor translatability, current advances in mRNA synthesis have significantly enhanced antigen expression and protective immunity.

The impact of mRNA vaccines on cancer and infectious disease remains in its preliminary stages. Trials in animal-based models and human individuals exhibit substantial differences in expression and immune response. The mechanisms of these vaccines in animal models and humans also require further investigation. To achieve a more extensive understanding of the recent scientific knowledge and current trends in mRNA vaccine development, this Special issue is focused on the recent scientific and technical advances including, but not limited to, mRNA vaccines. Based on your extensive knowledge and experience, we invite you to contribute an original report, original observation or review.

Guest Editors

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Deadline for manuscript submissions

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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

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