

## Special Issue

# RNA Vaccines and Therapeutics: Challenges and Opportunities

### Message from the Guest Editor

Advances in RNA-based technologies such as RNA interference and RNA/genome editing have initiated a new era in the field of therapeutics, with potential to overcome the limitation of existing treatments through their features, including the specificity, efficacy, flexibility and targetability of non-druggable targets, etc. Moreover, the success of messenger RNA as a vaccine against SARS-CoV-2 has further spurred and expanded medical uses of RNA. This Special Issue aims to provide an overview of the current status and future trends of the cutting-edge RNA-based technologies in the medical field. We welcome contributions, including original articles, reviews and perspectives, on RNA-based therapeutics and vaccinology, from basic research to clinical applications.

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### Guest Editor

Prof. Dr. Seong-Wook Lee

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### Deadline for manuscript submissions

closed (20 December 2025)



## International Journal of Molecular Sciences

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### 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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