

## Special Issue

# Recent Advances in the Development, Characterization, and Stability Aspects of RNA-Based Vaccines

### Message from the Guest Editors

The rapid development and subsequent implementation of RNA-based vaccines during the global COVID-19 pandemic not only transformed the landscape of vaccine technology but also paved the way for novel therapeutic applications that were previously unimaginable. This particular Special Issue aims to compile and present the most recent and noteworthy advancements in the realm of RNA vaccine research, including but not limited to, lipid nanoparticle (LNP) formulation strategies, novel characterization methodology, cryoprotectants for lyophilization, and the impact of storage conditions on vaccine performance. We extend a cordial invitation to researchers and scholars to submit their research or review article contributions to this Special Issue. Through state-of-the-art research and the promotion of collaborative efforts among scientists within this discipline, we hope to advance the collective understanding and practical applications of RNA technology. We strongly encourage authors to provide in-depth insights and comprehensive data that have the potential to inspire further research and development endeavors in this highly promising and rapidly evolving area of study.

### Guest Editors

Dr. Ravi Maharjan

Department of Pharmaceutical Technology, Dongguk University, Seoul 04620, Republic of Korea

Dr. Surin Hong

Department of Biotechnology, College of Life Science, CHA University, Gyeonggi 13488, Republic of Korea

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*Pharmaceutics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[pharmaceutics@mdpi.com](mailto:pharmaceutics@mdpi.com)

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Prof. Dr. Patrick J. Sinko  
Department of Pharmaceutics, Ernest Mario School of Pharmacy,  
Rutgers University, Piscataway, NJ 08854, USA

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