

## Special Issue

# The Recent Development of Influenza Vaccine

### Message from the Guest Editor

Despite the increased importance of influenza vaccination in the elderly due to increased morbidity and mortality, vaccine efficacy is only 17–53% versus 70–90% in young adults. Some of the approaches to improve vaccine efficacy in the elderly include high-dose vaccines and use of better adjuvants. Currently, a high-dose influenza vaccine and adjuvanted vaccines have been approved in the US for the elderly, 65 years and older. These influenza vaccines induce elevated hemagglutination inhibition (HAI) titers by enhancing the immunogenicity of vaccines. The efficacy of controlling lung viral replication by vaccination with adjuvants that induce antibodies, CD4 and CD8 T cell responses is desirable. Recent advances in developing universal vaccines that generate immunity against stalk proteins might provide better protection against various strains of influenza virus. We welcome articles that provide the latest developments in the vaccine and novel adjuvants and mechanisms of long-term efficacy studies or review articles in this area for this Special Issue.

### Guest Editor

Dr. Ramireddy Bommireddy

Department of Pathology and Laboratory Medicine, Emory University, Atlanta, GA, USA

### Deadline for manuscript submissions

closed (30 April 2024)



## Vaccines

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

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## About the Journal

### Message from the Editor-in-Chief

*Vaccines* (ISSN 2076-393X) has had a 6-year history of publishing peer-reviewed state of the art research that advances the knowledge of immunology in human disease protection. Immunotherapeutics, prophylactic vaccines, immunomodulators, adjuvants and the global differences in regulatory affairs are some of the highlights of the research published that have shaped global health. Our open access policy allows all researchers and interested parties to immediately scrutinize the rigorous evidence our publications have to offer. We are proud to present the work and perspectives of many to contribute to future decisions concerning human health.

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### Editor-in-Chief

Prof. Dr. Ralph A. Tripp

Department of Infectious Diseases, College of Veterinary Medicine,  
University of Georgia, Athens, GA 30602-7387, USA

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