

## Special Issue

# Immune Imprinting: Effects, Mechanisms, and Implications for Vaccine Design

### Message from the Guest Editors

We invite you to submit your manuscripts for this Special Issue of *Vaccines*, titled "Immune Imprinting: Effects, Mechanisms, and Implications for Vaccine Design". Immune imprinting is a complex occurrence that describes how immunity is developed through previous antigen exposure, affecting subsequent immune responses to related antigens. Immune imprinting is exemplified by the antibody response to influenza viruses being influenced by the strains encountered in early life. Therefore, developing an in-depth understanding of immune imprinting can have important implications for vaccine development and pandemic preparedness.

This Special Issue aims to inform vaccine design by highlighting recent advancements in assessing the effects of immune imprinting and clarifying its underlying mechanisms. We welcome original research articles and reviews. Research topics may include, but need not be limited to, immune responses triggered by sequential exposures to varying antigens, such as those related to HIV-1, influenza virus, dengue virus, and SARS-CoV-2.

### Guest Editors

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### Deadline for manuscript submissions

30 June 2026



## Vaccines

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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

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