



Synthetic Vaccines

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Message from the Guest Editor

Synthetic vaccines are immunization systems comprised of biomolecular sub-units (i.e., nucleic acids, proteins, carbohydrates, and/or lipids) capable of replicating the immunogenic aspects of pathogens without the inclusion of deleterious components. The move away from whole-killed and attenuated vaccine approaches towards synthetic vaccines has been in progress for the past couple of decades, culminating in the use of nucleic acid-based vaccines to protect against SARS-CoV-2. Reaching this pivot point, the vaccination community is now ready to expedite the research and commercialization of a wide variety of synthetic vaccines to protect against a wide swath of pathogenic agents. This Special Issue focuses on highlighting the excellent work being conducted in this community by emerging and established researchers.





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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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