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The Safety and Immunogenicity of the Bivalent Omicron-Containing mRNA-1273.214 Booster Vaccine

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Message from the Collection Editors

A bivalent vaccine from Moderna based on omicron BA.1 was approved for use as a booster dose by the Medicines and Healthcare Products Regulatory Agency. Preliminary data indicated that the vaccine generates a strong immune response against the BA.4 and BA.5 subvariants, which are now dominant worldwide. This new proposal behaves in the same manner as a flu-like situation, where everyone must take their flu vaccine at the start of winter each year and the composition of the vaccine is regularly modified in accordance with circulating strains. The new vaccines are highly effective in preventing disease severity but not transmission. We are pleased to invite you to submit to this Topical Collection for all kinds of manuscripts, such as research articles, brief reports, and communications to promote the knowledge and discussion about COVID-19 vaccines, especially bivalent vaccines. The invited papers broadly cover the safety and immunogenicity of COVID-19 vaccines in normal healthy persons, persons with moderate immunocompromised status and persons with severe immunocompromised status.

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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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