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e latest threat to global health is the ongoing outbreak of the respiratory disease that was recently given the name Coronavirus Disease 2019 (COVID- 19). It was rapidly shown to be caused by a novel coronavirus that is structurally related to the virus that local microbial-speci c immune responses, nasal delivery of vaccines functions as a "rst entry block," i.e., block the pathogen entry, increasing the overall e cacy of the vaccine. Intranasal administration is a non-invasive route for drug delivery, which is widely used for the local treatment. e development of additional vaccine administration methods, including intranasal, oral, topical, pulmonary, vaginal, and rectal, is currently gaining traction in the vaccine market. e nasal route presents the most promising opportunity for vaccine administration. Convenience and safety can be improved, and it can also trigger both local and systemic immune responses, which could possibly o er protection from pathogens at the point of entry. e development of nasal vaccines presents both possibilities and di culties.

Keywords- Nasal Vaccines, Sars-CoV-2, iNCOVACC, Nasal Anatomy

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