



Non-specific Protections in Response to Vaccination and Other Stimulations of the Immune System

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Message from the Guest Editors

In the era of coronavirus disease 2019 (COVID-19) and antimicrobial resistance, vaccination is more than ever the best way to protect against various infectious diseases. Based on previous observations and recent exciting research, some strong evidence also shows that immune stimulation through vaccination, as well as microbial and non-microbial stimuli, can alter the immune system in such a way that it also increases immune protections against unrelated pathogens. These are the so-called “non-specific effects” (NSEs). Recently, NSEs involving the training of the innate defenses known as “trained immunity” have been the subject of many studies in humans and other species, including livestock. In the current Special Issue, all original studies and reviews presenting research in relation with NSE and particularly trained immunity in humans and domestic species are welcome. Please do not hesitate to submit.





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Message from the Editor-in-Chief

Vaccines (ISSN 2076-393X), founded in 2013, now has a firm history of publishing peer-reviewed, state-of-the-art research papers on vaccines and vaccination in the broadest sense. Areas covered include, but are not limited to, novel and emerging vaccine technologies, building on in-depth knowledge of what constitutes a protective immune response. These can be new vaccines for old diseases, or old vaccines for new diseases. Vaccines against cancer and autoimmune diseases explicitly are also within the scope of the journal. Because public opinion and even government policies towards vaccines and vaccination have changed, vaccine policy and public health issues are major concerns. Climate change will also have an impact on the spread of infectious diseases, and thus also on vaccine and vaccination policies worldwide.

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