



vaccines



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Vaccine-Induced Reprogramming of Innate Immune Response

Guest Editor:

Dr. Safder Ganaie

Department of Microbiology,
Molecular Genetics and
Immunology, University of
Kansas Medical Center, Kansas
City, KS, USA

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Message from the Guest Editor

The innate immune system is the first line of host defense against pathogens. However, over-activation of the innate immune response can cause systemic inflammation and tissue damage. Both RNA-based or Non-RNA vaccines influence the innate immune response through promoting the development of adaptive immunity or reprogramming of the innate immunity known as “Trained immunity” which imparts non-specific protection to the host against the pathogen. It is still unclear how host innate immunity responds to pathogens post-vaccination and what is the broad impact of vaccination on the innate immune response? Therefore, this special issue seeks original contributions both in the form of research and reviews articles that advance our understanding of the vaccine-induced innate immune response.



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Special Issue



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Prof. Dr. Ralph A. Tripp

Department of Infectious
Diseases, College of Veterinary
Medicine, University of Georgia,
Athens, GA 30602-7387, USA

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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Vaccines Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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