



Impact of Obesity and Metabolic Diseases on Immunity and Vaccination

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Message from the Guest Editor

Dear Colleagues,

Obesity and metabolic diseases are major health issues with a strong impact on the immune system. Since metabolism and immunity are tightly connected, inappropriate immune responses are commonly seen in metabolic disorders such as obesity increases the risk of severe illness from COVID-19 or type 2 diabetes increases the risk of multiple infections. Moreover, a lower immunization following vaccination is also observed in patients with obesity and several metabolic disorders. The mechanisms underlying these immune alterations remain unclear and extensive work is required to better characterize and understand the impact of obesity and metabolic diseases on the immune system.

In this Special Issue, we welcome all types of articles (original research and reviews) that address the relationship between obesity or metabolic diseases and immune processes.

Dr. Laurent L'homme
Guest Editor





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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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