Special Issue

Vaccine Efficacy and Safety in Transplant Recipients

Message from the Guest Editor

The immune system offers protection against bacterial, viral, and other infections. The immune system, however, may be inadequate in offering complete protection upon its first encounter with highly virulent micro-organisms such as tetanus or SARS-CoV-2. Transplant recipients are treated with immunosuppressive drugs to prevent the rejection of the transplanted organ. As a consequence, regular vaccines, administered at regular doses and intervals, may not be as effective as in healthy individuals. Because of this immunosuppressive treatment, transplant recipients have a higher infection risk but, at the same time, can show a poorer response to vaccination. Therefore, the optimal timing and dosing of vaccination is of utmost importance. We would like to encourage submissions to this Special Issue regarding recent advances in optimizing the vaccination response in transplant recipients, referring to transplants in the broadest sense of the word. Adding new information on this subject may lead to a better understanding of the critical determinants of an effective immune response to vaccination and may aid in the design of optimal vaccination strategies for transplant recipients.

Guest Editor

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About the Journal

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.

Editor-in-Chief

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