

Special Issue

Genome Analysis for Vaccines and Vaccination

Message from the Guest Editor

Genome analysis plays a pivotal role in the development and optimization of vaccines, enhancing our understanding of infectious diseases and guiding vaccine design. On one hand, by scrutinizing the genetic makeup of pathogens, and on the other hand, by deciphering the immune repertoire of the infected species, scientists can gain insights into creating vaccines that effectively target pathogens' vulnerabilities and possibly propose individualized approaches, leading to improved efficacy. Harnessing the power of genome analysis empowers researchers in the ongoing battle against infectious diseases, paving the way for more robust and adaptable vaccination strategies.

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

Prof. Dr. Ger Rijkers

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