



## Bacterial Capsule Conjugate Vaccines

Guest Editor:

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### Message from the Guest Editor

Emerging infectious diseases, particularly COVID-19, have invigorated the field of vaccinology. The dramatic success in terms of the speed of development and the efficacy of the new class of mRNA vaccines have raised expectations for vaccines to control future outbreaks. mRNA is just one of many platforms that will be used for vaccine development. DNA vaccines made from eukaryotic expression plasmids have shown great promise for decades. Viral vectors including those made from adenoviruses, VSV, and Vaccinia viruses have developed into mature vaccine platforms. Even bacteriophages and bacteria spores have been used to express foreign antigens to the immune system. Nanoparticle vaccines made from self-assembling proteins such as the HBV capsid protein and ferritin have made their way into clinical trials. More conventional protein subunit vaccines are also becoming easier to design and produce, taking advantage of sequencing data, recombinant DNA technologies, and synthetic methods.





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## Editor-in-Chief

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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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