

## Special Issue

# Immunology and Immunopathology of Poultry and Livestock Infectious Diseases

### Message from the Guest Editor

Global poultry and livestock productions are multibillion-dollar industries. Although there are a number of effective disease-prevention strategies in place on poultry and livestock operations, infectious diseases caused by bacteria, viruses and parasites are continue to be major constraints for the sustainability of the poultry and livestock production globally. Although, vaccines are used widely for the prevention of these infectious diseases, failure of vaccination protocols is also common. This suggests that comprehensive understanding of the immune responses to these vaccines are critical as has been the host response mounted against these infectious agents. Some of these infections also lead to immunopathology. With a view of the economic and public health importance of poultry and livestock infectious diseases, in this Special Issue we will focus on the most recent research progress on vaccine-mediated immune responses, host responses mounted against infections and immunopathology relevant to these hosts.

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### Guest Editor

Prof. Dr. Faizal Careem  
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### Deadline for manuscript submissions

closed (15 October 2020)



## Vaccines

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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.

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### Editor-in-Chief

Prof. Dr. Ger Rijkers

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).