



Vaccine Research against Significant Viral Diseases of Poultry

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Message from the Guest Editor

Dear Colleagues,

The global poultry industry accounts for the production of over 115 million metric tons of meat and eggs. By 2030, the world is anticipated to need food for more than eight billion people. Due to the growing world population and increased protein consumption demand, it is projected that poultry production will increase by 25% during the next decade. In many developing countries, poultry is the main source of protein and income in rural areas. Some viral poultry diseases such as (but not limited to) avian influenza, infectious bronchitis, infectious laryngotracheitis, Marek's disease, Newcastle disease, and reoviral arthritis are of great economic and social importance. Such diseases are controlled through vaccination and strict biosecurity, and in many countries, some are contained using stamping out. However, due to the continuing evolution of some of these viruses and emergence of new virulent variants, vaccination has not always been fully effective. For others, such as infectious laryngotracheitis and reoviral infections, vaccine development is challenging.





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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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