



New Innovations in Animal Vaccine Technologies

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Message from the Guest Editor

Vaccination is one of the most advanced biotechnological methods which enable health protection of animals. Some animal productions would not be possible without protection using vaccines because of high microbial susceptibility. So development of new vaccines and its delivery was never so intensive and important as today.

This special issue should focus on innovations in vaccination technologies for optimal stimulation of immune system specific for each pathogen. Development of specific vaccines, epitope combinations, expression systems, adjuvants and delivery methods with focus on broad and long-lasting protection, should be covered. Focus should be placed on novel technologies like whole genome sequencing and in silico simulations that enable better insight into the microbial genome/proteome and its interaction with host immune system for faster development of better and smarter vaccines.

This Issue should also aim on vaccine development with specifically focused immune protection without unnecessary health and production side effects of vaccination, protecting not only farm animals but humans as well in “One health” concept.





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Message from the Editor-in-Chief

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