

Animal Health and Animal Vaccine

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Abstract

Animal vaccination is most cost-effective and impressive method of controlling infectious disease. Veterinary vaccines not only for the strong immune system in animal but also play a effective role in reducing the transmission of zoonotic diseases to humans and in securing food supply for humans. The traditional inactivated or live-attenuated vaccines constitute the majority of the licensed veterinary vaccines that are recently in use. Some drawback associated with conventional vaccines, and there are still several diseases that have yet to be treated successfully, demonstrating the need for better and safest vaccines. Recombinant vaccines represent a vital strategy by which some of the limitations of conventional vaccines can be overcome. Currently, the veterinary field has witnessed the most powerful and successful applications recombinant vaccine where more than a dozen viral-vectored vaccines, subunit, DNA, RNA, and virus like particles-based vaccines were licensed for veterinary use, and many more are under development. There is a wave

of rationally designed vaccine innovations ahead of us to benefit animals, animal owners, and ultimately humans and society.

Biography

Sonia Mishra did PhD in Biotechnology at SRM University, M-Tech (Biotechnology), actively involved in research and development in the field of Biotechnology and Animal Science.