



African Swine Fever Virus Prevention and Control

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Message from the Guest Editor

Dear Colleagues,

Since its introduction into Georgia in 2007, African swine fever virus has spread across both Europe and Asia and has been responsible for the deaths of hundreds of millions of animals. Virulent strains of the virus cause a haemorrhagic fever to occur in domestic pigs and wild boar that is invariably fatal. The main tools missing from the African swine fever control kit are vaccines suitable for preventing disease in both domestic and wild animals. Without such vaccines, it is difficult to envisage how the current epidemic can be brought under control and the disease eradicated. Novel approaches are required, as, to date, inactivated viruses and attenuation through tissue culture passage have not yielded safe and effective vaccines. Due to the severity of the current African swine fever virus epidemic, alternative strategies including prophylaxis may also need to be considered. Deployment of such novel control strategies will require the development of effective implementation strategies based on robust epidemiological modeling.

Dr. Christopher Netherton
Guest Editor





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