



African Swine Fever Virus Transmission and Control: The Role of Wild and Domestic Suids

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Message from the Guest Editors

Dear Colleagues,

African swine fever (ASF) is a contagious viral disease with mortality rates approaching 100% in domestic pigs and European wild boars. Efforts to control the disease by interrupting transmission pathways rely on a comprehensive understanding of the factors driving spillover between sylvatic hosts and domestic suids, and those limiting control once the virus has been introduced to domestic pigs. Whilst several universal factors are known to contribute to inefficient control in pigs, including late detection, limited funds for compensation, and animal husbandry practices, drivers of inter-species transmission and multi-host spread is less well understood and likely to differ regionally.

This special issue attempts to address knowledge gaps in the transmission and spread of ASF in endemic and newly-affected areas, by addressing a broad range of ASFV infection dynamics, including, immune response, transmission pathways, and virus pathogenesis in pigs. In addition, approaches shown to mitigate risk and limit spillover and spread, including virus detection methods suited to resource-constrained settings that are heavily impacted by ASF, are particularly welcome.





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Message from the Editor-in-Chief

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