

African Swine Fever Developments In Veterinary Virology

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African Swine Fever Developments In

African swine fever (ASF) is caused by a virus that is classified as a member of the Iridovirinae family. The disease in the warthog, the natural host, in Africa was described in 1921 by R. E. Montgomery. The reservoir of the virus is ticks.

African Swine Fever (Developments in Veterinary Virology ...

African swine fever (ASF) is a highly contagious haemorrhagic viral disease of domestic and wild pigs, which is responsible for serious economic and production losses. It is caused by a large DNA virus of the Asfarviridae family, which also infects ticks of the genus *Ornithodoros*.

African swine fever: OIE - World Organisation for Animal ...

African Swine Fever (ASF) is a high-threat foreign animal disease that is highly transmissible and results in up to 100% mortality in swine. It originated in Africa, spread through Eastern Europe, and resulted in an outbreak in China in 2018. ASF has rapidly spread throughout China, resulting in the death of approximately 40 percent of its swine.

S&T African Swine Fever Factsheet | Homeland Security

African Swine Fever is a deadly hog disease that has wiped out millions of hogs across the globe, but not in the United States. David Geiger has more in the Agribusiness Report for November 23, 2020.

African Swine Fever Not Affecting US Pork Production ...

Last November, we wrote an article (Shao et al. 2018) documenting the development of African Swine Fever (ASF) in China and its impacts on regional hog and pork prices. Since then, ASF has continued to ravage China's hog industry with 62 new cases from November 1, 2018 to March 27, 2019, resulting in a total of 114 cases.

African Swine Fever in China: An Update | CARD ...

African swine fever virus is a large, double-stranded DNA virus in the Asfarviridae family. It is the causative agent of African swine fever. The virus causes a hemorrhagic fever with high mortality rates in domestic pigs; some isolates can cause death of animals as quickly as a week after infection. It persistently infects its natural hosts, warthogs, bushpigs, and soft ticks of the genus *Ornithodoros*, which likely act as a vector, with no disease signs. It does not cause disease in humans. ASF

African swine fever virus - Wikipedia

THE African Swine Fever (ASF) every year kills millions of pigs. There is no vaccine for the disease, which is highly contagious in pigs. To stem the tide, pig farmers are being advised to take ...

African Swine fever and the need for biosecurity measures

While there is no risk to human health with African Swine Fever, it would have an enormous impact on industry, people and communities. "This exercise ensures all agencies act in a joined-up way to build resilience, flex to crises and minimise risk to industry, our economy and most importantly to people," Commissioner Fitzsimmons said.

Exercise Piggyback targets African Swine Fever | Mirage News

African swine fever is a highly contagious and deadly viral disease affecting both domestic and wild pigs of all ages. ASF is not a threat to human health and cannot be transmitted from pigs to humans. It is not a food safety issue. ASF is found in countries around the world, particularly in sub-Saharan Africa. More recently, it has spread ...

USDA APHIS | African Swine Fever (ASF)

Abstract African swine fever (ASF) is one of the most complex livestock diseases. The significant losses that it causes, coupled with the lack of a vaccine against ASF virus and the possible...

(PDF) African Swine Fever Diagnosis Update

An outbreak of the African Swine Fever (ASF) in Nigeria left many pig farmers devastated early this year. Many of

African Swine fever and the need for biosecurity measures ...

African swine fever is a major concern due to its negative impact on pork production in affected regions. Due to lack of treatment and a safe vaccine, it has been extremely difficult to control this devastating disease. The mechanisms of virus entry, replication within the host cells, immune evasion mechanisms, correlates of protection, and antigens that are effective at inducing host immune ...

Progress Toward Development of Effective and Safe African ...

African swine fever is a hemorrhagic disease of swine. It is caused by African swine fever virus. It's highly adapted to wild pigs, warthogs and bush pigs in sub-Saharan Africa, where it cycles between those wild species transmitted by soft ticks. That's the natural life cycle of the virus in the African bushes.

African Swine Fever - African Swine Fever ASF

Development of vaccines against African swine fever virus *Virus Res.* 2019 May;265:150-155. doi: 10.1016/j.virusres.2019.03.022. Epub 2019 Mar 25. Authors Elena G Sánchez 1 ... African Swine Fever Virus / immunology* Animals China ...

Development of vaccines against African swine fever virus

Chinese vaccine for African swine fever advances to next trial phase. A Chinese vaccine against African swine fever will advance to the next phase of clinical and production trials after a series...

Chinese vaccine for African swine fever advances to next ...

DA-10 confirms first case of African Swine Fever in NorMin. Published November 19, 2020, 9:24 AM. by Bonita Ermac. ILIGAN CITY — The Department of Agriculture Regional Field Office 10 (DA-RFO-10) confirmed that serum specimen samples taken from hog livestock from Barangay Pugaan here were tested positive for the African Swine Fever (ASF).

DA-10 confirms first case of African Swine Fever in NorMin ...

Collado said the presence of the African swine fever was discovered last Nov. 13 when 51 pigs got sick. He said blood samples taken by city

veterinarians and sent to the Regional Animal Disease Diagnostic Laboratory were found to be positive of the African swine fever DNA.

African swine fever hits Iligan | MindaNews

Among the structural proteins that compose the virion of African swine fever virus (ASFV), p30 is one of the most immunogenic proteins and is produced during early stage of ASFV infection. These two characteristics make p30 a good target for diagnostic assays to detect ASFV infection.

Development and characterization of monoclonal antibodies ...

African Swine Fever, Highly Pathogenic Avian Influenza, and COVID-19 in mink outbreaks in Europe are edging closer to the Czech border. The Central Disease Control Commission of the Czech Republic responded by the introduction of new precautionary measures, including an establishment of an intensive hunting zone, a new reward payment for ...

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