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## Review

### **African swine fever: A re-emerging viral disease threatening the global pig industry**

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## Highlights

- Genotype II African swine fever virus (ASFV) circulating in Europe has high pathogenicity for domestic pigs and wild boar.
- Genotype II ASFV strains in Europe do not exhibit attenuation and have limited ability to establish persistent infections.
- The wild boar population in Eastern Europe plays an important role in the maintenance and spread of ASFV.
- Immune responses against ASFV are not fully understood, hampering the rational design of vaccines.
- Control relies on 'stamping-out' policies and control of pig movements, which have a significant impact on affected regions.

## Abstract

African swine fever (ASF) recently has spread beyond sub-Saharan Africa to the Trans-Caucasus region, parts of the Russian Federation and Eastern Europe. In this new epidemiological scenario, the disease has similarities, but also important differences, compared

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