



*pathogens*



*Special Issue Reprint*

## **Emergence and Control of African Swine Fever**

[www.mdpi.com/books/reprint/11001](http://www.mdpi.com/books/reprint/11001)

Edited by

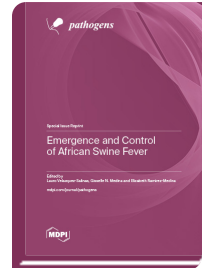
Lauro Velazquez-Salinas

Gisselle N. Medina

Elizabeth Ramirez-Medina

ISBN 978-3-7258-4038-0 (Hardback)

ISBN 978-3-7258-4037-3 (PDF)



African swine fever (ASF) is a highly lethal and contagious viral disease found in domestic pigs, wild boars, and wild suids, and it has significant economic consequences. This disease is currently endemic in many parts of the world, but the lack of an effective commercial vaccine for prevention and control makes the threat of ASF spreading to ASF-free regions more prominent. Currently, the emergence of a new highly lethal genotype I and II recombinant African swine fever viruses disrupted the ability of available vaccine candidates against genotype II in order to protect pigs against ASF. The emergence of this recombinant virus is an example of the complex dynamics that involve the natural infectious cycle of this pathogen. Currently, more research studies are needed to improve the control of ASF. These collections of studies include the areas of control (vaccination, drugs, disinfectants, and immunology), epidemiology, pathogenesis, and diagnostics. The studies compiled in this Reprint contribute to improving the knowledge of several critical aspects of this complex disease. I encourage the scientific community of ASFV to review these published studies.



Order Your Print Copy  
You can order print copies at  
[www.mdpi.com/books/reprint/11001](http://www.mdpi.com/books/reprint/11001)

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



## Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



## Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



## High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



## High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



## Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.