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Peer-review of study guide

“African swine fever”. A. S. Igolkin, K. N. Gruzdev.

Vladimir: FGBI “ARRIAH”, 2021. 126 p.: fig. ISBN 978-5-900026-79-4

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Рецензия на учебно-методическое пособие

«Африканская чума свиней». А. С. Иголкин, К. Н. Груздев.

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African Swine Fever (ASF) is a highly contagious, septicemia-causing disease of domestic pigs and wild boar. It poses a huge threat to the pig industry in all countries where these animals are reared. ASF is caused by a DNA virus of the *Asfivirus* genus of the *Asfarviridae* family. Global ASF fight experience has demonstrated that the absence of prophylactic and therapeutic drugs seriously hinders the disease control and eradication.

As practice shows, well-informed and well-trained people are required to implement preventive, diagnostic, restrictive measures aimed at ASF prevention and eradication.

The “African swine fever” study guide was prepared by leading experts of the scientific institution FGBI “ARRIAH” A. S. Igolkin, K. N. Gruzdev, who have rich practical experience in ASF control. The peer-reviewed work includes materials accumulated over the years on the infection etiology, genetic features of the ASF virus, principles of differentiation of isolates, virus replication, and virus resistance to various chemical and physical factors. The guide provides information on modern methods of the laboratory diagnosis, as well as on measures taken to prevent and control ASF.

The authors have described the world’s experience gained in this sphere.

The theoretical and practical information covered in the study guide is equally important for the veterinary policy makers and for experts who directly take preventive, diagnostic and restrictive measures to prevent and eradicate ASF.

The chosen form of the study guide makes it possible to increase and consolidate knowledge about the issue in focus. The use of the self-control section helps to appropriately assess students’ knowledge after they complete seminars, webinars, and courses (including the on-line ones).

The use of this study guide in the educational process will facilitate professional growth of veterinary practitioners.

It shall be noted that this is a well-illustrated and professional study guide with an extensive list of reliable reference materials used as a basis.

The presented study guide can be recommended for courses, seminars, advanced training webinars for veterinarians and biologists. It can also be used by municipal institutions, forest services, the Ministry of Emergency Situations and other people as a source of information about this socially important porcine disease.