Epizootic situations of ASF in Russia

18-19 of December 2017

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Pravets, Bulgaria
ASF in Russia 10 years!

November of 2007. First case ASF in wild boars

June of 2008. First case ASF in domestic pigs
Условные обозначения:
- вспышки АЧС на территории РФ в 2007 – 2013 гг. (N = 581 на 12.11.13)
- вспышки АЧС на территории Украины и Беларуси
ASF epidemic situation the Russian Federation in 2017, N = 184 according* of OIE to date as of 18.12.2017
The territory and risk of the spread of ASF in Russia in 2017, according of OIE to date as of 28.11.2017
The territory and risk of the spread of ASF in Russia in 2017, according of OIE to date as of 28.11.2017

**Risk of the spread in Russia and neighbors' countries include EU still very high!!!**
**Reference Laboratory for ASF**

**Mission:** functioning as a reference center of the Russian Federation on diagnostics and prevention of ASF

**Objective:**
- research activities to identify, identify and study new isolates of the ASF virus;
- development and implementation of scientific target programs of federal significance, aimed at control and eradication of ASF;
- development, improvement of diagnostics and preventive measures of ASF;
- training and provision of consultative and methodological assistance to veterinary specialists in solving problems of diagnostics, control and prevention of ASF.
Methodological framework

Serological analysis:
- the reaction of DIF
- ELISA
- IPT
- IB
- etc.

Virus isolation:
- Cell culture
- Bioassay

Analysis of genetic material:
- PCR
- Sequencing
Research work on the study of isolates of the ASF virus allocated in the territory of the Russian Federation

Detection of the genome / antibodies to the ASF virus (isolate Odincovo - 02/14)
Intergenic region sequencing 173R/I329L

Intergenic region sequencing 9R/10R
The distribution of various isolates of the ASF virus (outbreaks 2007-2016)
**REPORT**

**RESULTS OBTAINED IN THE XIV INTERLABORATORY COMPARISON TEST FOR AFRICAN SWINE FEVER 2017 (ASF-ILCT 2017) BY NATIONAL REFERENCE LABORATORIES (NRLs)**

**ORGANIZED BY THE**

European Union Reference Laboratory for ASF
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In Valdeolmos 31st March 2017,

**Approval**

Dr. Virginia Pelayo
Laboratory scientist at ASF-URL

Dr. Carmina Gallardo
Researcher, Laboratory Coordinator EU reference laboratory for ASF CISA-INIA
Thank you for attention!

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