## Modeling the transboundary risk of feed ingredients co diarrhea virus

BMC Veterinary Research 12, 51 DOI: 10.1186/s12917-016-0674-z

**Citation Report** 

#	Article	IF	CITATIONS
1	Lactogenic immunity and vaccines for porcine epidemic diarrhea virus (PEDV): Historical and current concepts. Virus Research, 2016, 226, 93-107.	1.1	137
2	Evolution, antigenicity and pathogenicity of global porcine epidemic diarrhea virus strains. Virus Research, 2016, 226, 20-39.	1.1	193
3	Evaluation of biosecurity measures to prevent indirect transmission of porcine epidemic diarrhea virus. BMC Veterinary Research, 2017, 13, 89.	0.7	50
4	Effectiveness of composting as a biosecure disposal method for porcine epidemic diarrhea virus (PEDV)-infected pig carcasses. Porcine Health Management, 2017, 3, 22.	0.9	16
5	Swine enteric coronavirus disease: A review of 4Âyears with porcine epidemic diarrhoea virus and porcine deltacoronavirus in the United States and Canada. Transboundary and Emerging Diseases, 2018, 65, 660-675.	1.3	117
6	Survival of viral pathogens in animal feed ingredients under transboundary shipping models. PLoS ONE, 2018, 13, e0194509.	1.1	139
7	Evaluation of the effects of flushing feed manufacturing equipment with chemically treated rice hulls on porcine epidemic diarrhea virus cross-contamination during feed manufacturing1. Journal of Animal Science, 2018, 96, 4149-4158.	0.2	27
8	Stability of Porcine Epidemic Diarrhea Virus on Fomite Materials at Different Temperatures. Veterinary Sciences, 2018, 5, 21.	0.6	21
9	The Role of Non-animal Origin Feed Ingredients in Transmission of Viral Pathogens of Swine: A Review of Scientific Literature. Frontiers in Veterinary Science, 2019, 6, 273.	0.9	19
10	Effective biosecurity to protect North American studs and clients from emerging infectious disease. Theriogenology, 2019, 137, 82-87.	0.9	8
11	Risk Attitudes Affect Livestock Biosecurity Decisions With Ramifications for Disease Control in a Simulated Production System. Frontiers in Veterinary Science, 2019, 6, 196.	0.9	25
12	Identifying outbreaks of Porcine Epidemic Diarrhea virus through animal movements and spatial neighborhoods. Scientific Reports, 2019, 9, 457.	1.6	61
13	Infectious Dose of African Swine Fever Virus When Consumed Naturally in Liquid or Feed. Emerging Infectious Diseases, 2019, 25, 891-897.	2.0	123
14	Risks to animal health associated with imported feed ingredients. Journal of the American Veterinary Medical Association, 2019, 254, 790-791.	0.2	17
16	Porcine epidemic diarrhea virus in Asia: An alarming threat to the global pig industry. Infection, Genetics and Evolution, 2019, 70, 24-26.	1.0	12
17	Determining the impact of commercial feed additives as potential porcine epidemic diarrhea virus mitigation strategies as determined by polymerase chain reaction analysis and bioassay1. Translational Animal Science, 2019, 3, 93-102.	0.4	13
18	Validation of sampling methods in bulk feed ingredients for detection of swine viruses. Transboundary and Emerging Diseases, 2020, 67, 1-5.	1.3	23
19	Effect of dietary medium-chain fatty acids on nursery pig growth performance, fecal microbial composition, and mitigation properties against porcine epidemic diarrhea virus following storage.	0.2	30

CITATION REPORT

#	Article	IF	CITATIONS
20	Assessing the effects of medium-chain fatty acids and fat sources on PEDV infectivity. Translational Animal Science, 2020, 4, 1051-1059.	0.4	23
21	Genetic Diversity of Porcine Epidemic Diarrhea Virus With a Naturally Occurring Truncated ORF3 Gene Found in Guangxi, China. Frontiers in Veterinary Science, 2020, 7, 435.	0.9	14
22	Evaluating the Risk Factors for Porcine Epidemic Diarrhea Virus Infection in an Endemic Area of Vietnam. Frontiers in Veterinary Science, 2020, 7, 433.	0.9	4
23	Analysis of the initiation of viral infection under flow conditions with applications to transmission in feed. BioSystems, 2020, 196, 104184.	0.9	4
24	Rapid Selective Detection of Potentially Infectious Porcine Epidemic Diarrhea Coronavirus Exposed to Heat Treatments Using Viability RT-qPCR. Frontiers in Microbiology, 2020, 11, 1911.	1.5	27
25	A review of strategies to impact swine feed biosecurity. Animal Health Research Reviews, 2020, 21, 61-68.	1.4	13
26	Inhibition of African swine fever virus in liquid and feed by medium-chain fatty acids and glycerol monolaurate. Journal of Animal Science and Biotechnology, 2020, 11, 114.	2.1	47
27	The risk of viral transmission in feed: What do we know, what do we do?. Transboundary and Emerging Diseases, 2020, 67, 2365-2371.	1.3	18
28	Virus-like particle vaccine with B-cell epitope from porcine epidemic diarrhea virus (PEDV) incorporated into hepatitis B virus core capsid provides clinical alleviation against PEDV in neonatal piglets through lactogenic immunity. Vaccine, 2020, 38, 5212-5218.	1.7	7
29	COVID-19: An Appeal for an Intersectoral Approach to Tackle With the Emergency. Frontiers in Public Health, 2020, 8, 302.	1.3	2
30	Major swine viral diseases: an Asian perspective after the African swine fever introduction. Porcine Health Management, 2020, 6, 20.	0.9	36
31	The Canadian 2014 porcine epidemic diarrhoea virus outbreak: Important risk factors that were not considered in the epidemiological investigation could change the conclusions. Transboundary and Emerging Diseases, 2020, 67, 1101-1112.	1.3	14
32	Stability of classical swine fever virus and pseudorabies virus in animal feed ingredients exposed to transpacific shipping conditions. Transboundary and Emerging Diseases, 2020, 67, 1623-1632.	1.3	28
33	Medium-chain fatty acids and monoglycerides as feed additives for pig production: towards gut health improvement and feed pathogen mitigation. Journal of Animal Science and Biotechnology, 2020, 11, 44.	2.1	81
34	Use of a demonstration project to evaluate viral survival in feed: Proof of concept. Transboundary and Emerging Diseases, 2021, 68, 248-252.	1.3	8
35	Mitigating the risk of African swine fever virus in feed with antiâ€viral chemical additives. Transboundary and Emerging Diseases, 2021, 68, 477-486.	1.3	26
36	An evaluation of additives for mitigating the risk of virusâ€contaminated feed using an iceâ€block challenge model. Transboundary and Emerging Diseases, 2021, 68, 833-845.	1.3	21
37	Stopping Membrane-Enveloped Viruses with Nanotechnology Strategies: Toward Antiviral Drug Development and Pandemic Preparedness. ACS Nano, 2021, 15, 125-148.	7.3	46

ARTICLE IF CITATIONS Biosecurity in pig farms: a review. Porcine Health Management, 2021, 7, 5. 0.9 74 38 The betweenâ€farm transmission dynamics of porcine epidemic diarrhoea virus: A shortâ€term forecast modelling comparison and the effectiveness of control strategies. Transboundary and Emerging 1.3 Diseases, 2021, , . Evidence of viral survival in representative volumes of feed and feed ingredients during longâ€distance commercial transport across the continental United States. Transboundary and Emerging Diseases, 40 1.3 10 2022, 69, 149-156. Identification and selection of animal health and food safety-related risk factors to be included in the Canadian Food Inspection Agency's risk assessment model for livestock feed mills. Food Control, 2021, 121, 107642. Risk and Mitigation of African Swine Fever Virus in Feed. Animals, 2021, 11, 792. 42 1.0 30 The risk and mitigation of footâ€andâ€mouth disease virus infection of pigs through consumption of 1.3 contaminated feed. Transboundary and Emerging Diseases, 2021, , . Interventions to reduce porcine epidemic diarrhea virus prevalence in feed in a Chinese swine 44 1.3 7 production system: AÂcase study. Transboundary and Emerging Diseases, 2022, 69, 57-65. Forecasting viral disease outbreaks at the farm-level for commercial sow farms in the U.S.. Preventive Veterinary Medicine, 2021, 196, 105449. An analysis of select swine feed ingredients and pork products imported into the United States from 46 1.3 6 African swine fever virus affected countries. Transboundary and Emerging Diseases, 2022, 69, 128-136. Exploring the Cause of Diarrhoea and Poor Growth in 8–11-Week-Old Pigs from an Australian Pig Herd 1.5 Using Metagenomic Sequencing. Viruses, 2021, 13, 1608. Feed safety collaborations: Experiences, progress and challenges. Transboundary and Emerging 48 1.3 6 Diseases, 2022, 69, 182-188. Assessment of soyâ€based imports into the United States and associated foreign animal disease status. 49 1.3 Transboundary and Emerging Diseases, 2021, , . Stability of Senecavirus A in animal feed ingredients and infection following consumption of 50 1.3 15 contaminated feed. Transboundary and Emerging Diseases, 2022, 69, 88-96. Porcine Coronaviruses. Livestock Diseases and Management, 2020, , 79-110. Effects of medium chain fatty acids as a mitigation or prevention strategy against porcine epidemic 52 0.2 13 diarrhea virus in swine feed. Journal of Animal Science, 2020, 98, . Phylogeography Reveals Association between Swine Trade and the Spread of Porcine Epidemic Diarrhea Virus in China and across the World. Molecular Biology and Evolution, 2022, 39, . Evaluating the effect of temperature on viral survival in plantâ€based feed during storage. 56 1.37 Transboundary and Emerging Diseases, 2022, 69, . Invited Review: Strategic adoption of antibiotic free pork production: The importance of a holistic approach. Translational Animal Science, 0, , .

CITATION REPORT

#	Article	IF	CITATIONS
67	Swine coronaviruses (SCoVs) and their emerging threats to swine population, inter-species transmission, exploring the susceptibility of pigs for SARS-CoV-2 and zoonotic concerns. Veterinary Quarterly, 2022, 42, 125-147.	3.0	16
68	Stability of African swine fever virus in feed during environmental storage. Transboundary and Emerging Diseases, 2022, 69, 3216-3224.	1.3	8
69	Environmental monitoring of porcine epidemic diarrhea virus within a swine farm during a disease outbreak. , 2022, 30, 308-312.		0
70	The Antiviral Activity of Caprylic Monoglyceride against Porcine Reproductive and Respiratory Syndrome Virus In Vitro and In Vivo. Molecules, 2022, 27, 7263.	1.7	2
71	Survival of a surrogate African swine fever virus-like algal virus in feed matrices using a 23-day commercial United States truck transport model. Frontiers in Microbiology, 0, 13, .	1.5	4
72	Phylogenetic and Spatiotemporal Analyses of Porcine Epidemic Diarrhea Virus in Guangxi, China during 2017–2022. Animals, 2023, 13, 1215.	1.0	0