

Edema Disease Of Swine

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Recent Publications on Edema Disease Of Swine:



- [\[The apoptosis of vero cells induced by Shiga toxin 2e\]](#)
*OBJECTIVE: Shiga-like toxin-producing Escherichia coli (STEC) causes edema...*18th September, 2009
School of Animal Science, Guizhou University, Guiyang 550025, China.- Wei Sheng Wu Xue Bao. 2009 May 4;49(5):658-63.
- [\[Expression of GST-3B fusion protein of Escherichia coli of Ee strain producing SLT-IIe toxin and study on its biological activities and immunogenicity\]](#)
*Three copies of DNA fragment encoding the truncated SLT-IIeB of Ee strain...*6th May, 2009
State Key Laboratory of Agricultural Microbiology, Huazhong Agriculture- Wei Sheng Wu Xue Bao. 2007 Aug;47(4):686-91.
- [\[Analysis of the AIDA-I gene sequence and prevalence in Escherichia coli isolates from pigs with post-weaning diarrhoea and oedema disease.\]](#)
*Three hundred and twenty-four strains of Escherichia coli isolated from...*29th April, 2009
Animal Infectious Disease Laboratory, Yangzhou University, Yangzhou,- Vet J. 2009 Apr;180(1):124-9. Epub 2008 Feb 20. ([DOI Direct Link](#))
- [\[Design and evaluation of a multiplex polymerase chain reaction assay for the simultaneous identification of genes for nine different virulence factors associated with Escherichia coli that cause diarrhea and edema disease in swine.\]](#)
*A multiplex polymerase chain reaction (mPCR) assay was developed for...*8th April, 2009
US Department of Agriculture, National Animal Disease Center, Agricultural- J Vet Diagn Invest. 2009 Jan;21(1):25-30.
- [\[Molecular characterization of shiga like toxin-producing Escherichia coli \(STEC\) isolates from pigs oedema.\]](#)
*BACKGROUND & OBJECTIVE: An oedema outbreak occurred in a Guwahati pig...*14th November, 2008
Department of Microbiology, College of Veterinary Science, Assam- Indian J Med Res. 2008 Jun;127(6):602-6.
- [\[The excretion of F18+ E. coli is reduced after oral immunisation of pigs with a FedF and F4 fimbriae conjugate.\]](#)
*Currently, no vaccines are available for edema disease and post-weaning...*6th November, 2008
Faculty of Veterinary Medicine, Ghent University, Salisburylaan 133, 9820- Vaccine. 2008 Apr 16;26(17):2154-63.
- [\[Phenotyping of E. coli serotypes associated to oedema disease.\]](#)

- BACKGROUND: Oedema disease is a severe disease, mainly affecting recently...* 13th August, 2008
National Veterinary Institute, SVA 751 89 Uppsala, Sweden.- Acta Vet Scand. 2008 Jun 2;50:13. ([DOI Direct Link](#))
- [The effect of intramuscular administration of colistin on the development and course of experimentally induced oedema disease in weaned piglets.](#)
Shiga-toxigenic E. coli (STEC) strains that produce Shiga toxin Stx2e... 7th May, 2008
Veterinary Research Institute, Hudcova 70, Brno, Czech Republic.- Vet Microbiol. 2008 Apr 1;128(1-2):160-6. Epub 2007 Oct 2. ([DOI Direct Link](#))
 - [DNA microarray-based identification of serogroups and virulence gene patterns of Escherichia coli isolates associated with porcine postweaning diarrhea and edema disease.](#)
Escherichia coli strains causing postweaning diarrhea (PWD) and edema... 7th March, 2008
TEDA School of Biological Sciences and Biotechnology, Nankai University,- Appl Environ Microbiol. 2007 Jun;73(12):4082-8. Epub 2007 Apr 20. ([DOI Direct Link](#))
 - [Monoclonal antibodies reveal a weak interaction between the F18 fimbrial adhesin FedF and the major subunit FedA.](#)
F18+ Escherichia coli can cause post-weaning diarrhoea and oedema disease... 1st November, 2007
Laboratory of Veterinary Immunology, Faculty of Veterinary Medicine, Ghent- Vet Microbiol. 2007 Jan 31;119(2-4):115-20. Epub 2006 Sep 10. ([DOI Direct Link](#))
 - [Virulence and fitness gene patterns of Shiga toxin-encoding Escherichia coli isolated from pigs with edema disease or diarrhea in Germany.](#)
Fecal Escherichia coli isolates (n = 3,218) from piglets with edema... 20th September, 2007
Institute for Hygiene and Infectious Diseases of Animals, Justus Liebig- Berl Munch Tierarztl Wochenschr. 2007 Jul-Aug;120(7-8):307-16.
 - [The age-dependent expression of the F18+ E. coli receptor on porcine gut epithelial cells is positively correlated with the presence of histo-blood group antigens.](#)
F18(+)Escherichia coli have the ability to colonize the gut and cause... 1st August, 2007
Laboratory of Veterinary Immunology, Faculty of Veterinary Medicine, Ghent- Vet Microbiol. 2007 Jun 21;122(3-4):332-41. Epub 2007 Feb 16. ([DOI Direct Link](#))
 - [A study of edema disease in pigs in Vietnam with particular reference to the use of autovaccine for the prevention of disease.](#)
Edema disease caused by Escherichia coli is one of the most common... 21st April, 2007
Department of Bacteriology, National Institute of Veterinary Research,- Ann N Y Acad Sci. 2006 Oct;1081:531-3. ([DOI Direct Link](#))
 - [Evaluation of the low dose level of a heat-killed and dried cell preparation of Enterococcus faecalis to prevent porcine edema disease using experimental infection model with enterotoxemic Escherichia coli in weaning pigs.](#)
Porcine edema disease (ED) is caused by Shiga toxin 2e-producing... 20th April, 2007
Laboratory of Animal Science, Kyoto Prefectural University, Shimogamo,- J Vet Med Sci. 2007 Feb;69(2):103-9.
 - [Edema disease caused by a clone of Escherichia coli O147.](#)
Edema disease is a systemic disease of weaned pigs caused by host-adapted... 28th October, 2006
Department of Veterinary Microbiology, Iowa State University, 2130 Vet.- J Clin Microbiol. 2006 Sep;44(9):3074-7. ([DOI Direct Link](#))

Edema Disease Of Swine Patents:



- 7618640- [Method and composition for reducing E. coli disease and enhancing performance](#)
- 6121242- [Treatment of bacterial dysentery](#)
- 5962423- [Treatment of bacterial dysentery](#)
- 5955449- [Diagnosis and treatment of bacterial dysentery](#)
- 5955293- [Assays for shiga toxin and shiga-like toxins](#)
- 5849714- [Treatment of bacterial dysentery](#)
- 5747272- [Detection of shiga-like toxins of enterohemorrhagic Escherichia coli](#)
- 5679653- [Diagnosis and treatment of bacterial dysentery](#)
- 5624913- [Method reducing TNF-alpha in mammals with cerebral malaria](#)
- 5620858- [Method of removing shiga-like toxins from biological samples](#)
- 5552144- [Immunogenic shiga-like toxin II variant mutants](#)
- 5516762- [Method of treating endotoxin effects with 2-haloadenosine nucleotide analogs](#)
- 5512282- [Monospecific polyclonal antibodies to shiga-like toxins](#)
- 5492898- [Method of treating endotoxin effects with 2-methylthio-ATP and analogs](#)
- 5041427- [Lipid A derivatives](#)
- 6310043- [Treatment of bacterial infections](#)
- 6355859- [Interactions between genotype and diet in swine that prevent E. coli associated intestinal disease](#)
- 6413768- [Expression plasmids](#)
- 7592159- [Antibiotic alternatives](#)
- 7371393- [Methods for reducing fecal shedding](#)
- 7341732- [Methods for treating mastitis in a milk producing animal](#)
- 7160549- [Methods for making compositions including gram negative microbial polypeptides](#)
- 7147857- [Methods for treating high somatic cell counts](#)
- 7141408- [Plasmid maintenance system for antigen delivery](#)
- 7138125- [Methods for treating an animal for low milk production](#)
- 7138124- [Polypeptides obtained from gram negative microbes](#)
- 7138112- [Plasmid maintenance system for antigen delivery](#)
- 7125720- [Plasmid maintenance system for antigen delivery](#)
- 6977176- [Plasmid maintenance system for antigen delivery](#)
- 6969513- [Plasmid maintenance system for antigen delivery](#)
- 6703233- [Plasmid maintenance system for antigen delivery](#)
- 6596923- [Methods and compositions to identify swine genetically resistant to F18 E. coli associated diseases](#)
- 4918061- [Method of preventing diseases caused by gram-negative endotoxin in mammals](#)

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Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

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