

Shiga-Toxigenic Escherichia coli

[View the current Shiga-Toxigenic Escherichia coli InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Shiga-Toxigenic_Escherichia_coli.html) (PDF)
(http://www.bioportfolio.com/indepth/Shiga-Toxigenic_Escherichia_coli.html) - Regularly Updated.

Recent Publications on Shiga-Toxigenic Escherichia coli:



- [Subtilase cytotoxin cleaves newly synthesized BiP and blocks antibody secretion in B lymphocytes.](#)
Shiga-toxigenic Escherichia coli (STEC) use subtilase cytotoxin (SubAB) to... 17th November, 2009
Whitehead Institute for Biomedical Research, Cambridge, MA 02142, USA.- J Exp Med. 2009 Oct 26;206(11):2429-40. Epub 2009 Oct 6. ([DOI Direct Link](#))
- [Genetic profiles of Shiga toxin and intimin genes found in stool broth cultures: a 2-year reference laboratory study.](#)
Shiga toxin (Stx)-producing Escherichia coli (STEC) are associated with... 7th November, 2009
North Carolina State Laboratory of Public Health, Raleigh, NC 27601, USA.- Diagn Microbiol Infect Dis. 2009 Oct;65(2):85-92. ([DOI Direct Link](#))
- [Therapeutic strategies for Shiga toxin-producing Escherichia coli infections.](#)
Shiga toxin (Verocytotoxin)-producing Escherichia coli (STEC or VTEC)... 27th October, 2009
Research Centre for Infectious Diseases, School of Molecular and- Expert Rev Anti Infect Ther. 2009 Aug;7(6):683-6. ([DOI Direct Link](#))
- [Prevalence of the operon encoding subtilase cytotoxin in non-O157 Shiga toxin-producing Escherichia coli isolated from humans in the United States.](#)
OBJECTIVE: To construct an attenuated Salmonella choleraesuis vaccine... 27th October, 2009
- J Clin Microbiol. 2009 Sep;47(9):3058-9. Epub 2009 Jul 1. ([DOI Direct Link](#))
- [Gene and antigen markers of shiga-toxin producing E. coli from Michigan and Indiana river water: occurrence and relation to recreational water quality criteria.](#)
The relation of bacterial pathogen occurrence to fecal indicator bacteria... 24th October, 2009
U.S. Geological Survey, 6520 Mercantile Way, Suite 5, Lansing, MI 48911,- J Environ Qual. 2009 Jul 23;38(5):1878-86. Print 2009 Sep-Oct. ([DOI Direct Link](#))
- [Recommendations for diagnosis of shiga toxin--producing Escherichia coli infections by clinical laboratories.](#)
Shiga toxin--producing Escherichia coli (STEC) are a leading cause of... 21st October, 2009
Division of Foodborne, Bacterial, and Mycotic Diseases, National Center- MMWR Recomm Rep. 2009 Oct 16;58(RR-12):1-14.
- [Comparison of enrichment procedures for shiga toxin-producing Escherichia coli in wastes from commercial swine farms.](#)
Three methods for enrichment of Shiga toxin-producing Escherichia coli... 14th October, 2009
US Food and Drug Administration, Bothell, Washington 98021-4421, USA.- J Food Prot. 2009 Sep;72(9):1982-6.

- [Preliminary evaluation of a procedure for improved detection of Shiga toxin-producing Escherichia coli in fecal specimens.](#)
Culture confirmation of Shiga toxin-producing Escherichia coli (STEC) is...10th October, 2009
U.S. Food and Drug Administration, Bothell, WA 98021, USA.- Diagn Microbiol Infect Dis. 2009 Sep;65(1):21-6. ([DOI Direct Link](#))
- [Emotional and behavioral changes in parents of children affected by hemolytic-uremic syndrome associated with verocytotoxin-producing Escherichia coli: a qualitative analysis.](#)
BACKGROUND: The long-term clinical outcome for children affected by...6th October, 2009
Health Protection Scotland, Clifton House, Clifton Place, Glasgow G37LN,- Psychosomatics. 2009 May-Jun;50(3):263-9. ([DOI Direct Link](#))
- [Verocytotoxin-producing Escherichia coli O26 in raw water buffalo \(Bubalus bubalis\) milk products in Italy.](#)
Escherichia coli O26 is known as a verocytotoxin-producing E. coli (VTEC)...26th September, 2009
Department of Health and Animal Welfare--Faculty of Veterinary Medicine- J Food Prot. 2009 Aug;72(8):1705-8.
- [Changes in cell surface properties of shiga toxigenic Escherichia coli by Quercus infectoria G. Olivier.](#)
The effects of Quercus infectoria (family Fagaceae) nutgalls on cell...26th September, 2009
Natural Products Research Center, Hat Yai, Songkhla 90112, Thailand.- J Food Prot. 2009 Aug;72(8):1699-704.
- [\[The apoptosis of vero cells induced by Shiga toxin 2e\]](#)
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.
- [\[Construction of attenuated Salmonella choleraesuis vaccine strain expressing recombinant antigen of Shiga-like toxin Escherichia coli\]](#)
OBJECTIVE: To construct an attenuated Salmonella choleraesuis vaccine...11th September, 2009
State Key Laboratory of Agriculture Microbiology, Huazhong Agricultural- Wei Sheng Wu Xue Bao. 2009 Apr 4;49(4):518-23.
- [Isolation of Shiga toxin 2f-producing Escherichia coli \(O115:HNM\) from an adult symptomatic patient in Fukuoka Prefecture, Japan.](#)
Shiga toxin 2f-producing Escherichia coli (O115:HNM) with eae was isolated...2nd September, 2009
Department of Health Science, Fukuoka Institute of Health and- Jpn J Infect Dis. 2009 Jul;62(4):315-7.
- [Differential effects of short-chain fatty acids and iron on expression of iha in Shiga-toxigenic Escherichia coli.](#)
Shiga-toxigenic Escherichia coli (STEC) colonizing the bowel are exposed...18th August, 2009
Research Centre for Infectious Diseases, School of Molecular and- Microbiology. 2009 Nov;155(Pt 11):3554-63. Epub 2009 Aug 14. ([DOI Direct Link](#))

BioNews Results for Shiga-Toxigenic Escherichia coli

- [CDC surveillance data show risks of E. coli infections](#)
SmartBrief: Nov 20 2009 5:22PM Matching: shiga escherichia coli
- [Recommendations for Diagnosis of Shiga Toxin-Producing Escherichia coli Infections by Clinical Laboratories](#)
Center for Disease Control and Prevention: Oct 15 2009 4:59PM Matching: shiga escherichia coli



Shiga-Toxigenic Escherichia coli Patents:

- 7531315- [Method for detecting a host receptor for pathogenic bacteria](#)
- 7208574- [Host receptor for pathogenic bacteria](#)
- 7078489- [Cytotoxin with a subtilase domain](#)
- 6833130- [Recombinant microorganisms expressing an oligosaccharide receptor mimic](#)
- 6635259- [Escherichia coli secreted protein B](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

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)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road, Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2009 - BioPortfolio Limited.

