

## E. Coli Infections

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### Recent Publications on E. Coli Infections:

- [Targeting virulence traits: potential strategies to combat extraintestinal pathogenic E. coli infections.](#)  
*Extraintestinal pathogenic Escherichia coli (ExPEC) are able to colonize...*1st October, 2008  
University of Wurzburg, Institute for Molecular Infection Biology,- Curr Opin Microbiol. 2008 Sep 25. ([DOI Direct Link](#))
- [Infections due to Escherichia coli producing extended-spectrum beta-lactamase among hospitalised patients: factors influencing mortality.](#)  
*We performed a retrospective matched-cohort study to determine the risk...*18th September, 2008  
IDIBELL-Hospital Universitari de Bellvitge, Infectious Diseases Service,- J Hosp Infect. 2008 Feb;68(2):116-22. Epub 2008 Jan 15. ([DOI Direct Link](#))
- [The Antimicrobial Protein Psoriasin \(S100A7\) Is Upregulated in Atopic Dermatitis and after Experimental Skin Barrier Disruption.](#)  
*The innate defense of the skin against microbial threats is influenced by...*30th August, 2008  
1Department of Dermatology, University Hospital of Schleswig-Holstein,- J Invest Dermatol. 2008 Aug 28. ([DOI Direct Link](#))
- [Incidence and impact on clinical outcome of infections with piperacillin/tazobactam resistant Escherichia coli in ICU: a retrospective study.](#)  
*BACKGROUND: Escherichia coli infections are frequent in ICU patients. The...*9th August, 2008  
Service de Reanimation, Hopital Louis-Mourier, 178 rue des Renouillers- BMC Infect Dis. 2008 May 17;8:67. ([DOI Direct Link](#))
- [IL-15-induced CD8+CD122+ T cells increase antibacterial and anti-tumor immune responses: implications for immune function in aged mice.](#)  
*We previously proposed that mouse CD8(+)CD122(+) T cells and human CD57(+)*...26th July, 2008  
National Defense Medical College, 3-2 Namiki, Tokorozawa 359-8513, Japan.- J Leukoc Biol. 2008 Oct;84(4):1047-56. Epub 2008 Jul 23. ([DOI Direct Link](#))
- [Febrile urinary tract infection in children: ampicillin and trimethoprim insufficient as empirical mono-therapy.](#)  
*The aim of this study was to characterize the pathogens and their...*27th June, 2008  
Department of Pediatrics, Innsbruck Medical University, Innsbruck,- Pediatr Nephrol. 2008 Apr;23(4):597-602. Epub 2008 Jan 12. ([DOI Direct Link](#))
- [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...*11th June, 2008  
Faculty of Veterinary Medicine, Ghent University, Salisburylaan 133, 9820- Vaccine. 2008 Apr

16;26(17):2154-63.

- [Escherichia coli STb toxin and colibacillosis: knowing is half the battle.](#)  
*Expression of both adherence and enterotoxin expression are required for...*3rd June, 2008  
Departement de pathologie et microbiologie, Faculte de medecine- FEMS Microbiol Lett. 2008  
Jan;278(2):137-45. Epub 2007 Nov 6. ([DOI Direct Link](#))
- [In vitro reactivity and growth inhibition of EPEC serotype O111 and STEC serotypes O111 and O157 by homologous and heterologous chicken egg yolk antibody.](#)  
*IgY is a chicken egg yolk antibody which has been used for treatment and...*23rd May, 2008  
Laboratorio de Imunogenetica, Instituto Butantan, Av. Dr. Vital Brasil,- Vet Res Commun. 2008  
Apr;32(4):281-90. Epub 2007 Dec 11. ([DOI Direct Link](#))
- [Isolation of E. coli O157:H7 from milk and cattle faeces from urban dairy farming and non dairy farming neighbour households in Dagoretti Division, Nairobi, Kenya: prevalence and risk factors.](#)  
*OBJECTIVE: To estimate the prevalence of E. coli O157:H7 in milk and...*8th May, 2008  
Department of Public Health, Pharmacology and Toxixology, College of- East Afr Med J. 2007  
Nov;84(11 Suppl):S65-75.
- [Binding of Dr adhesins of Escherichia coli to carcinoembryonic antigen triggers receptor dissociation.](#)  
*Carcinoembryonic antigen (CEA)-related cell adhesion molecules (CEACAMs)...*22nd March, 2008  
Department of Microbiology, University of Washington, Seattle, WA- Mol Microbiol. 2008  
Jan;67(2):420-34. Epub 2007 Dec 11. ([DOI Direct Link](#))
- [The Rho-activating CNF1 toxin from pathogenic E. coli: A risk factor for human cancer development?](#)  
*ABSTRACT: Nowadays, there is increasing evidence that some pathogenic...*14th March, 2008  
Department of Therapeutic Research and Medicines Evaluation, Istituto- Infect Agent Cancer. 2008  
Mar 12;3:4. ([DOI Direct Link](#))
- [Inflammatory mediators in Escherichia coli-induced mastitis in mice.](#)  
*Escherichia coli (E. coli) infections in mouse mammary glands are rarely...*5th February, 2008  
Laboratory of Biochemistry, Faculty of Veterinary Medicine, Ghent- Comp Immunol Microbiol Infect Dis.  
2008 Feb 1. ([DOI Direct Link](#))
- [Detection of intracellular bacterial communities in human urinary tract infection.](#)  
*BACKGROUND: Urinary tract infections (UTIs) are one of the most common...*11th January, 2008  
Department of Molecular Microbiology and Microbial Pathogenesis,- PLoS Med. 2007 Dec;4(12):e329.  
([DOI Direct Link](#))
- [Clinical and molecular epidemiology of community-onset, extended-spectrum beta-lactamase-producing Escherichia coli infections in Thailand: a case-case-control study.](#)  
*BACKGROUND: Extended-spectrum beta-lactamase (ESBL)-producing organisms,...*19th December, 2007  
Division of Infectious Diseases, Faculty of Medicine, Thammasart- Am J Infect Control. 2007  
Nov;35(9):606-12. ([DOI Direct Link](#))

## BioNews Results for E. Coli Infections

- [Baxter's Antimicrobial IV Technology Now Shown to Kill Six Common Pathogens, Including MRSA and VRE](#)  
*Pharma Live: Oct 2 2008 10:35AM Matching: e coli infections*
- [Killing Bacteria Isn't Enough to Restore Immune Function After Infection](#)  
*Newswise: Sep 13 2008 10:28AM Matching: e coli infections*
- [Doctor Declares War on Hospital Infections, Patents MRSA-Killing Machine](#)  
*KSLA: Sep 10 2008 12:08PM Matching: e coli infections*
- [Teen suicides dip, experts worry rate remains high](#)  
*NOLA Live: Sep 3 2008 4:47AM Matching: e coli infections*

- [Modest brain test benefit seen with brisk walking](#)  
*NOLA Live: Sep 3 2008 4:47AM Matching: e coli infections*
- [E. coli outbreak in Oklahoma kills 1, sickens 200](#)  
*NOLA Live: Sep 3 2008 4:47AM Matching: e coli infections*
- [Bloodstream Infections Caused by Extended-Spectrum--Lactamase- Producing Escherichia coli: Risk Factors for I](#)  
*AAC: Sep 2 2008 11:58AM Matching: e coli infections*
- [University of Utah Health Sciences: White blood cell uses DNA 'catapult' to fight infection](#)  
*NewsRX: Aug 27 2008 9:35PM Matching: e coli infections*

## E. Coli Infections Clinical Trials:



- [Antibiotic Resistant Community-Acquired E. Coli](#)  
*E Coli Infection; Antibiotic Resistant*

## E. Coli Infections Patents:



- 6524576- [Bacterial strain, processed plant extracts, compositions containing same, processes for their preparation and their therapeutic and industrial applications](#)
- 6780628- [Enzyme treatment](#)
- 6787302- [Method and apparatus for prokaryotic and eukaryotic cell quantitation](#)
- 6787643- [Nucleotide sequence of Escherichia coli pathogenicity islands](#)
- 6809181- [Human beta-defensin-3 \(HBD-3\), a highly cationic beta-defensin antimicrobial peptide](#)
- 6824997- [Process and materials for the rapid detection of streptococcus pneumoniae employing purified antigen-specific antibodies](#)
- 6844010- [Therapeutic treatment and prevention of infections with a bioactive materials encapsulated within a biodegradable-biocompatible polymeric matrix](#)
- 6846485- [Fish serine proteinase and their pharmaceutical and cosmetic use](#)
- 6855814- [Sequences of E. coli O157](#)
- 6902743- [Therapeutic treatment and prevention of infections with a bioactive material\(s\) encapsulated within a biodegradable-bio-compatible polymeric matrix](#)
- 6965022- [Methods to identify swine genetically resistant to F18 E. coli associated diseases](#)
- 6743431- [Capsular polysaccharide adhesin antigen, preparation, purification and use](#)
- 6699701- [Method and device for sanitation using bacteriophages](#)
- 6656907- [Method of treating gastric ulcer by administration of epidermal growth factor](#)
- 6534053- [Bacterial strain, processed plant extracts, compositions containing same, processes for their preparation and their therapeutic and industrial applications](#)
- 6534054- [Bacterial strain, processed plant extracts, compositions containing same, processes for their](#)

- [preparation and their therapeutic and industrial applications](#)
- 6544508- [Bacterial strain, processed plant extracts, compositions containing same, processes for their preparation and their therapeutic and industrial applications](#)
  - 6544509- [Bacterial strain, processed plant extracts, compositions containing same, processes for their preparation and their therapeutic and industrial applications](#)
  - 6544510- [Bacterial strain, processed plant extracts, compositions containing same, processes for their preparation and their therapeutic and industrial applications](#)
  - 6569424- [Bacterial strain, processes plant extracts, compositions containing same, processes for their preparation and their therapeutic and industrial applications](#)
  - 6572751- [Method and apparatus for continuous flow isoelectric focusing for purifying biological substances](#)
  - 6596923- [Methods and compositions to identify swine genetically resistant to F18 E. coli associated diseases](#)
  - 6632437- [Immunogenic polysaccharide-protein conjugates containing poly .alpha.\(2.fwdarw.8\), .alpha.\(2.fwdarw.9\) NeuNAc capsular polysaccharides](#)
  - 6652857- [Methods for producing avian verotoxin antitoxin](#)
  - 6967090- [Nucleic acid and protein sequences of bovine epidermal growth factor](#)
  - 7001718- [Method of inhibiting pathogenicity of infectious agents](#)
  - 7252828- [Polysaccharide vaccine for staphylococcal infections](#)
  - 7264922- [Method of reducing complement - mediated disruption of cells](#)
  - 7291588- [Immunogenic detoxified mutant E. coli LT-A toxin](#)
  - 7297338- [Avian vaccine composition for the protection of poultry against disease and infection caused by E. coli and Salmonella](#)
  - 7348357- [Arylamides](#)
  - 7351541- [Method for diagnosing a renal disorder](#)
  - 7368424- [Acylated nonadepsipeptides](#)
  - 7371393- [Methods for reducing fecal shedding](#)
  - 7402683- [Cinnamic acid amides](#)
  - 7404961- [Peptides responsive to antibodies against consensus peptide of the CS4-CFA/I family proteins](#)
  - 7214479- [E. coli O157:H7 C1-INH-binding protein and methods of use](#)
  - 7211426- [Isolated phages and their use in food or pet food products](#)
  - 7199128- [8-N-substituted-2H-isothiazolo\[5,4-b\]quinolizine-3,4-diones and related compounds as antiinfective agents](#)
  - 7001744- [Recombinant DNA, plasmid, transformed microorganism and vaccine protein for prevention and therapy of urinary tract infection](#)
  - 7015007- [Capsular polysaccharide adhesin antigen, preparation, purification and use](#)
  - 7071232- [Small molecules that increase the conversion of food to body weight gain](#)
  - 7071293- [Alpha helical peptides with broad spectrum antimicrobial activity that are insensitive to salt](#)
  - 7094266- [Multipurpose, self-contained, portable and odor-free workstation](#)
  - 7094883- [Monoclonal antibody which agglutinates E. coli having the CS4-CFA/I family protein](#)
  - 7115730- [Immunogenic detoxified mutant E. coli LT-A-toxin](#)
  - 7132105- [Icosahedral superstructure of VP2 of infectious bursitis virus \(IBDV\) and the application thereof](#)
  - 7183257- [Use of RPL41 to treat infections and inhibit cancer](#)
  - 7193072- [Compositions to identify swine genetically resistant to F18 E. coli associated diseases](#)
  - 7413743- [Active immunization using a siderophore receptor protein](#)

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