

Clostridium

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Clostridium is a genus of Gram-positive bacteria, belonging to the Firmicutes. They are obligate anaerobes capable of producing endospores. Individual cells are rod-shaped, which gives them their name, from the Greek kloster or spindle. These characteristics traditionally defined the genus, but they are not phylogenetically significant; many species originally classified as Clostridium have been reclassified in other genera. ([From the Wikipedia article Clostridium](#).)

Recent Publications on Clostridium:



- [Eimeria macusaniensis associated lesions in neonate alpacas dying from enterotoxemia.](#)
*Histopathological analysis of 108 intestine samples (103 grossly affected...*21st November, 2009
Unidad de Biología y Genética Molecular, Facultad de Medicina Veterinaria,- Vet Parasitol. 2009 Oct 23. ([DOI Direct Link](#))
- [Clostridium sordellii toxic shock syndrome.](#)
*Histopathological analysis of 108 intestine samples (103 grossly affected...*21st November, 2009
Division of Infectious Diseases, Department of Internal Medicine,- Lancet Infect Dis. 2009 Dec;9(12):725-726. ([DOI Direct Link](#))
- [Historical and changing epidemiology of healthcare-associated infections.](#)
*This review compares the historical perspectives on healthcare-associated...*21st November, 2009
Department of HCAI & AMR, Centre for Infections, London, UK; Department of- J Hosp Infect. 2009 Dec;73(4):296-304. ([DOI Direct Link](#))
- [Prevalence of Diarrhea and Enteropathogens in Racing Sled Dogs.](#)
*Background: Diarrhea is highly prevalent in racing sled dogs, although the...*21st November, 2009
Department of Clinical Sciences, College of Veterinary Medicine, Oregon- J Vet Intern Med. 2009 Nov 17. ([DOI Direct Link](#))
- [Is previous Clostridium difficile infection a problem after reversal of ileostomy?](#)
*Aim: Clostridium difficile infection (CDI) is a cause of morbidity and...*21st November, 2009
Department Colorectal Surgery, John Radcliffe Hospital, Oxford, UK.- Colorectal Dis. 2009 Nov 19. ([DOI Direct Link](#))
- [Overexpression, crystallization and preliminary X-ray crystallographic analysis of D-ribose-5-phosphate isomerase from Clostridium thermocellum.](#)
*Aim: Clostridium difficile infection (CDI) is a cause of morbidity and...*20th November, 2009
Department of Advanced Technology Fusion, Konkuk University, Hwayang-dong,- Acta Crystallogr Sect F Struct Biol Cryst Commun. 2009 Nov 1;65(Pt ([DOI Direct Link](#))
- [An Evaluation of tcdB Real-Time PCR in a Three-Step Diagnostic Algorithm for the Detection of Toxigenic Clostridium difficile.](#)
*Clostridium difficile (CD) is the most common infectious cause of diarrhea...*20th November, 2009

- Clinical Microbiology Laboratory, Harborview Medical Center, Seattle, WA- J Clin Microbiol. 2009 Nov 18. ([DOI Direct Link](#))
- [Anti-Clostridium difficile Potential of Tetramic Acid Derivatives from Pseudomonas Quorum-Sensing Autoinducer.](#)
*We have examined the potential bactericidal activity of several tetramic...*18th November, 2009
Department of Microbiology and Infectious Diseases, Toho University School- Antimicrob Agents Chemother. 2009 Nov 16. ([DOI Direct Link](#))
 - [Development of a DNA Microarray to Detect Antimicrobial Resistance Genes Identified in the National Center for Biotechnology Information Database.](#)
*To understand the mechanisms and epidemiology of antimicrobial resistance...*18th November, 2009
1 Bacterial Epidemiology and Antimicrobial Resistance Research Unit,- Microb Drug Resist. 2009 Nov 16. ([DOI Direct Link](#))
 - [Characterization of the PcCdc42 Small G-Protein from Pneumocystis carinii, Which Interacts with PcSte20 Life Cycle Regulatory Kinase.](#)
*Pneumocystis carinii (PC) causes severe pneumonia in immunocompromised...*17th November, 2009
Mayo Clinic.- Am J Physiol Lung Cell Mol Physiol. 2009 Nov 13. ([DOI Direct Link](#))
 - [Clostridium arbusti sp. nov., an anaerobic bacterium isolated from pear orchard soil.](#)
*An obligate anaerobic, spore-forming bacterial strain, designated SL206T,...*17th November, 2009
Korea Research Institute of Bioscience & Biotechnology;- Int J Syst Evol Microbiol. 2009 Nov 13. ([DOI Direct Link](#))
 - [Tertiary Structure and Characterization of a Glycoside Hydrolase Family 44 Endoglucanase from Clostridium acetobutylicum.](#)
*A gene encoding a glycoside hydrolase family 44 (GH44) protein from...*17th November, 2009
Departments of Chemical and Biological Engineering, Biochemistry,- Appl Environ Microbiol. 2009 Nov 13. ([DOI Direct Link](#))
 - [Expression of the Clostridium botulinum A2 Neurotoxin Gene Cluster Proteins and Characterization of the A2 Complex.](#)
*Clostridium botulinum subtype A2 possesses a botulinum neurotoxin type A...*17th November, 2009
Department of Bacteriology, Food Research Institute, University of- Appl Environ Microbiol. 2009 Nov 13. ([DOI Direct Link](#))
 - [Requirements for the germination of Clostridium sordellii spores in vitro.](#)
*Clostridium sordellii is a spore forming, obligate anaerobe, Gram-positive...*17th November, 2009
Department of Chemistry, University of Nevada, Las Vegas, Las Vegas, NV,- J Bacteriol. 2009 Nov 13. ([DOI Direct Link](#))
 - [Physiological role of carbon dioxide in spore germination of Clostridium perfringens S40.](#)
*Germination of Clostridium perfringens is known to be triggered by...*17th November, 2009
Department of Applied Molecular Biosciences, Graduate School of- J Biosci Bioeng. 2009 Dec;108(6):477-83. Epub 2009 Jul 14. ([DOI Direct Link](#))

BioNews Results for Clostridium

- [Swine flu update: Children from 6 months to 5 years invited](#)
Irish Medical Times: Nov 21 2009 4:50AM Matching: clostridium
- [BD Completes Acquisition of HandyLab, Inc](#)
KSLA: Nov 20 2009 4:37PM Matching: clostridium
- [BD Completes Acquisition of HandyLab, Inc](#)
Genetic Engineering News: Nov 20 2009 12:50PM Matching: clostridium
- [BD acquires HandyLab for \\$275 million](#)
News-Medical.Net: Nov 20 2009 12:40PM Matching: clostridium
- [FDA Pipeline preview, October 2009 \(Eplivanserin, Pancrelipase, Trabectedin, Clofarabine,](#)

[Fampridine-SR, Collagenase clostridium histolyticum, Oxycodone reformulated, Pegylated interferon alfa-2b, Maraviroc, Armodafinil, Relaxin, Perifosine, Glyc](#)

Modern Medicine: Nov 20 2009 4:54PM Matching: clostridium

- [Body defences used to battle bugs](#)

Pharmacy Europe: Nov 19 2009 2:08PM Matching: clostridium

- [HSE publishes intercultural guide](#)

Irish Medical Times: Nov 19 2009 10:22AM Matching: clostridium

- [Antidepressant use on the increase](#)

Irish Medical Times: Nov 18 2009 9:16PM Matching: clostridium

- [Depression among preschoolers may well continue into childhood](#)

Irish Medical Times: Nov 18 2009 9:14PM Matching: clostridium

- [Present and Future Management Options for Clostridium difficile Infection](#)

Pharmacy Practice News: Nov 17 2009 5:07PM Matching: clostridium

- [Ward's hygiene praised EAST Dean Ward at Eastbourne District General Hospital has been praised for its high st](#)

Eastbourne Herald: Nov 17 2009 4:54PM Matching: clostridium

- [Clostridium Difficile and Inflammatory Bowel Disease](#)

MDLinx: Nov 17 2009 1:01PM Matching: clostridium

- [Staff at Watford General Hospital 'think clean'](#)

Borehamwood Times: Nov 17 2009 9:50AM Matching: clostridium

- [New staSAFE„ All-Natural Hand Sanitizer Kills Germs Hours After Alcohol Sanitizers Stop](#)

Genetic Engineering News: Nov 17 2009 4:56PM Matching: clostridium

- [\[Reflection and Reaction\] Clostridium sordellii toxic shock syndrome](#)

Lancet Infectious Diseases: Nov 16 2009 5:53PM Matching: clostridium

Clostridium Patents:



- 7605298- [Wound covering](#)
- 7608700- [Lactobacillus acidophilus nucleic acid sequences encoding stress-related proteins and uses therefor](#)
- 7608724- [Antibacterial and/or antiprotozoal nitromidazole derivative compounds with urease inhibitor activity, process for preparing these compounds and use in pharmaceutical compositions and medicines](#)
- 7611483- [Indicator metrics for infection monitoring](#)
- 7611702- [TNF-alpha blocker treatment for enterocolitis associated with immunostimulatory therapeutic antibody therapy](#)
- 7611704- [Compositions and methods for treating viral infections using antibodies and immunoconjugates to aminophospholipids](#)
- 7611721- [Adjuvant combination formulations](#)
- 7611834- [Methods and devices for protein assays](#)
- 7611843- [Eubacterial tmRNA sequences and uses thereof](#)
- 7611856- [Mass spectrometry-based methods for detection and differentiation of botulinum neurotoxins](#)
- 7611857- [IL-receptor like molecules and uses thereof](#)
- 7608699- [Synthetic nuclear localization signal derived from lentiviral integrase and methods of use](#)

[thereof](#)

- 7608689- [Methods for enhancing the degradation or conversion of cellulosic material](#)
- 7608452- [Polynucleotides encoding cytokine receptor zcytor19](#)
- 7606670- [Crystal structure of the 30S ribosome and its use](#)
- 7608245- [Methods for manipulating satiety](#)
- 7608256- [Methods to increase transgene expression from bacterial-based delivery systems by co-expressing suppressors of the eukaryotic type I interferon response](#)
- 7608265- [Treatment for bacterial infections](#)
- 7608267- [Multifunctional cytokines](#)
- 7608275- [Systems and methods for delivery of a therapeutic agent](#)
- 7608279- [Vaccine formulations](#)
- 7608288- [Caffeine fraction obtained from tea leaves and a method for inducing Agrobacterium tumefaciens-mediated genetic transformation in plants using said caffeine fraction](#)
- 7608291- [Treatment of infection in animals](#)
- 7608450- [Nucleic acid and amino acid sequences relating to Staphylococcus epidermidis for diagnostics and therapeutics](#)
- 7611862- [Method and apparatus for detecting and quantifying bacterial spores on a surface](#)
- 7611881- [Xylanase variants having altered sensitivity to xylanase inhibitors](#)
- 7618629- [Manipulation of cytokine levels using CD83 gene products](#)
- 7618632- [Method of treating or ameliorating an immune cell associated pathology using GITR ligand antibodies](#)
- 7618637- [Heat shock protein-based vaccines and immunotherapies](#)
- 7618639- [Synergistic phytochemical compositions](#)
- 7618640- [Method and composition for reducing E. coli disease and enhancing performance](#)
- 7618658- [Anti-microbial agent and anti-microbial composition](#)
- 7618788- [Proteome epitope tags and methods of use thereof in protein modification analysis](#)
- 7618791- [Methods of detecting cancer with antibodies to cytokine receptor ZCYTOR19](#)
- 7618795- [Starch process](#)
- 7618797- [Infectious cDNA clone of North American porcine reproductive and respiratory syndrome \(PRRS\) virus and uses thereof](#)
- 7618622- [Treatment of Parkinson's disease and related disorders using postpartum derived cells](#)
- 7618591- [Specimen sample collection device and test system](#)
- 7615625- [In vitro amplification of nucleic acid molecules via circular replicons](#)
- 7611884- [Toxoplasma gondii nucleic acid molecules](#)
- 7611908- [Method and apparatus for therapeutic drug monitoring using an acoustic device](#)
- 7612037- [Cross-linked glycopeptide-cephalosporin antibiotics](#)
- 7612059- [Pyrrolidine bicyclic compounds and its derivatives, compositions and methods of use](#)
- 7612182- [Anti-IL-6 antibodies, compositions, methods and uses](#)
- 7612255- [Transgenic plants for mitigating introgression of genetically engineered genetic traits](#)
- 7615207- [Methods for treating irritable bowel syndrome](#)
- 7615231- [Methods for enhancing the morphology, tone, texture and/or appearance of skin or hair using a meadowlactone](#)
- 7615381- [Method and apparatus for detecting estradiol and metabolites thereof using an acoustic device](#)
- 7615539- [Nucleic acid-lipophilic conjugates](#)
- 7619066- [IL-1ra variants](#)

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