

Chloramphenicol Resistance

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Recent Publications on Chloramphenicol Resistance:



- [\[Cloning and analysis of promoter-active fragments from *Corynebacterium glutamicum* 10147\]](#)
*OBJECTIVE: To clone promoter-active fragments from Corynebacterium...*17th November, 2009
Institute of Microbiology, Chinese Academy of Sciences, Beijing 100101,- Wei Sheng Wu Xue Bao. 2009 Jul 4;49(7):972-7.
- [\[In vitro susceptibility patterns of bacterial species isolated in outpatients of the Metropolitan Region, Chile, year 2007\]](#)
*A partial surveillance of bacterial in vitro susceptibility to...*17th November, 2009
Laboratorio de Microbiologia, INTEGRAMEDICA, Santiago, Chile.- Rev Chilena Infectol. 2009 Feb;26(1):18-20. Epub 2009 Mar 23. ([DOI Direct Link](#))
- [\[Characterization of integrons and antimicrobial resistance genes in clinical isolates of Gram-negative bacteria from Palestinian hospitals.\]](#)
*ABSTRACT Sixty Gram-negative bacterial isolates were collected from...*12th November, 2009
Graduate School of Medical Science, Kanazawa University, 13-1 Takaramachi,- Microbiol Immunol. 2009 Nov;53(11):595-602. ([DOI Direct Link](#))
- [\[Antimicrobial resistance and in vitro gene transfer in bacteria isolated from the ulcers of EUS-affected fish in India.\]](#)
*AIMS: The occurrence of drug resistance and plasmid-mediated...*10th November, 2009
Department of Zoology, North Bengal University, Siliguri, India.- Lett Appl Microbiol. 2009 Oct;49(4):497-502. Epub 2009 Jul 21. ([DOI Direct Link](#))
- [\[CraA, a major facilitator superfamily efflux pump associated with chloramphenicol resistance in *Acinetobacter baumannii*.\]](#)
*Acinetobacter baumannii has been increasingly associated with...*6th November, 2009
Department of Microbiology, Hospital Clinic, School of Medicine,- Antimicrob Agents Chemother. 2009 Sep;53(9):4013-4. Epub 2009 Jul 6. ([DOI Direct Link](#))
- [\[Magnitude of drug resistant Shigellosis: a report from Bangalore.\]](#)
*Shigella is an important cause of acute invasive diarrhea in children and...*3rd November, 2009
Department of Microbiology, St. John's Medical College, Bangalore - 560- Indian J Med Microbiol. 2009 Oct-Dec;27(4):358-60. ([DOI Direct Link](#))
- [\[Antimicrobial resistance profiles and mechanisms of resistance in *Campylobacter jejuni* isolates from pets.\]](#)
*The presence of antimicrobial resistance in 51 Campylobacter jejuni...*25th September, 2009
University- Foodborne Pathog Dis. 2009 Jul-Aug;6(6):705-10. ([DOI Direct Link](#))
- [\[A chromosomal chloramphenicol acetyltransferase determinant from a probiotic strain of *Bacillus*](#)

[clausii.](#)

The mechanism of resistance to chloramphenicol was studied in four strains... 1st September, 2009
Service de Microbiologie, CHU Cote de Nacre, Caen, France.- FEMS Microbiol Lett. 2009
Jun;296(2):185-9. Epub 2009 Apr 30. ([DOI Direct Link](#))

- [Development of versatile shuttle vectors for Deinococcus grandis.](#)

To develop new shuttle vectors for Deinococcus species, the nucleotide... 29th August, 2009
Gene Resource Research Group and DNA Repair Protein Group, Quantum Beam- Plasmid. 2009
Jul;62(1):1-9.

- [Molecular characterizations of chloramphenicol- and oxytetracycline-resistant bacteria and resistance genes in mariculture waters of China.](#)

In order to gain an understanding of the diversity and distribution of... 28th August, 2009
Centre for Bioengineering and Biotechnology, China University of Petroleum- Mar Pollut Bull. 2009
Jul;58(7):987-94. Epub 2009 Mar 21. ([DOI Direct Link](#))

- [The defective prophage pool of Escherichia coli O157: prophage-prophage interactions potentiate horizontal transfer of virulence determinants.](#)

Bacteriophages are major genetic factors promoting horizontal gene... 27th August, 2009
Division of Bioenvironmental Sciences, Frontier Science Research Center,- PLoS Pathog. 2009
May;5(5):e1000408. Epub 2009 May 1. ([DOI Direct Link](#))

- [Two distinct major facilitator superfamily drug efflux pumps mediate chloramphenicol resistance in Streptomyces coelicolor.](#)

Chloramphenicol, florfenicol, and thiamphenicol are used as antibacterial... 19th August, 2009
Department of Chemistry, Brown University, 324 Brook Street, Providence,- Antimicrob Agents
Chemother. 2009 Nov;53(11):4673-7. Epub 2009 Aug 17. ([DOI Direct Link](#))

- [Novel DNA mismatch-repair activity involving YB-1 in human mitochondria.](#)

Maintenance of the mitochondrial genome (mtDNA) is essential for proper... 7th August, 2009
Laboratory of Molecular Gerontology, National Institute on- DNA Repair (Amst). 2009 Jun
4;8(6):704-19. Epub 2009 Mar 9. ([DOI Direct Link](#))

- [Development of versatile shuttle vectors for Deinococcus grandis.](#)

To develop new shuttle vectors for Deinococcus species, the nucleotide... 31st July, 2009
Quantum Beam Science Directorate, Japan Atomic Energy Agency, Takasaki- Plasmid. 2009 Feb 4. ([DOI Direct Link](#))

- [Prevalence, species distribution and antimicrobial resistance of enterococci isolated from dogs and cats in the United States.](#)

AIMS: The contribution of dogs and cats as reservoirs of antimicrobial... 3rd June, 2009
Bacterial Epidemiology and Antimicrobial Resistance Research Unit,- J Appl Microbiol. 2009
Oct;107(4):1269-78. Epub 2009 Apr 9. ([DOI Direct Link](#))

Chloramphenicol Resistance Patents:



- 7534936- [Transgenic plants having transformed plastid genomes and progeny thereof](#)
- 7560535- [Glycoprotein synthesis](#)
- 7563878- [Bacterial phytases and method for producing same](#)
- 7566557- [Gene variants coding for proteins from the metabolic pathway of fine chemicals](#)
- 7569380- [Simultaneous anaerobic production of isoamyl acetate and succinic acid](#)

- 7569748- [Nucleic acid encoding an insecticidal protein toxin from photorhabdus](#)
- 7572777- [Florfenicol prodrug having improved water solubility](#)
- 7572899- [Compositions and methods for increasing bone mineralization](#)
- 7572903- [Method of regulation of bacterial persister status](#)
- 7572926- [Plant desaturases--compositions and uses](#)
- 7575895- [Compositions of orthogonal lysyl-tRNA and aminoacyl-tRNA synthetase pairs and uses thereof](#)
- 7557202- [DNA fragments containing gene having function relating to autonomous proliferation of plasmid](#)
- 7553946- [Promoters](#)
- 7550576- [Nucleic acid sequences encoding two-component sensing and regulatory proteins, antimicrobial proteins and uses therefor](#)
- 7534939- [Plant transformed with polynucleotide encoding lepidopteran-active Bacillus thuringiensis .delta.-endotoxin](#)
- 7541039- [Immunization with bacterial ghost-based vaccines](#)
- 7541171- [Halohydrin dehalogenases and related polynucleotides](#)
- 7541491- [Gene involved in growth-promoting function of acetic acid bacteria and uses thereof](#)
- 7544477- [Circularly permuted, interaction-activated proteins](#)
- 7547442- [Newcastle disease virus infectious clones, vaccines and new diagnostic assays](#)
- 7547531- [L-amino acid producing microorganism which has been modified to inactivate the fimH gene, and a method for producing L-amino acid](#)
- 7550281- [Method for production of alpha-amylase in recombinant Bacillus](#)
- 7550296- [Generation of replication competent viruses for therapeutic use](#)
- 7550477- [Inhibitors of checkpoint kinases](#)
- 7575918- [Tissue-specific and pathogen-specific ribozymes](#)
- 7578999- [Antibodies specific for sclerostin](#)
- 7595186- [Cytotoxin-based biological containment](#)
- 7598062- [Process for the production of L-amino acids using strains of the family enterobacteriaceae that contain an attenuated fruR gene](#)
- 7604973- [DNA encoding hyaluronan synthase from Pasteurella multocida and methods of use](#)
- 7604979- [Method for producing an L-amino acid using a bacterium with an optimized level of gene expression](#)
- 7608277- [Tuberculosis nucleic acids, polypeptides and immunogenic compositions](#)
- 7608437- [Method of constructing amino acid producing bacterial strains, and method of preparing amino acids by fermentation with the constructed amino acid producing bacterial strains](#)
- 7608450- [Nucleic acid and amino acid sequences relating to Staphylococcus epidermidis for diagnostics and therapeutics](#)
- 7611872- [Method for the production of D-pantothenic acid and/or salts thereof via purification by nanofiltration as adjunct for animal feedstuffs](#)
- 7612019- [Polypeptide display libraries and methods of making and using thereof](#)
- 7615624- [Arabidopsis derived promoters for regulation of plant expression](#)
- 7595185- [Cytotoxin-based biological containment](#)
- 7592308- [F3W variants of the lantibiotic mersacidin and its use](#)
- 7592154- [Modulating SOS response induction by antimicrobial agents](#)
- 7582451- [Carotene synthase gene and uses therefor](#)
- 7582475- [Vectors and methods for high throughput co-expression](#)
- 7585636- [Protein subcellular localization assays using split fluorescent proteins](#)
- 7585659- [Carotene synthase gene and uses therefor](#)
- 7585674- [Host microorganisms](#)
- 7588755- [DNA sequences, recombinant DNA molecules and processes for producing human fibroblast interferon-like polypeptides](#)
- 7588928- [Halohydrin dehalogenases and related polynucleotides](#)
- 7588930- [Compositions and methods for enhancing the immunogenicity of antigens](#)

- 7592007- [Methods of inhibiting T cell proliferation or IL-2 accumulation with CTLA-4 specific antibodies](#)
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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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