

## Gram-Positive Bacterial

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### Recent Publications on Gram-Positive Bacterial:



- [Long-Chain Acyl-Homoserine Lactones from \*Methylobacterium mesophilicum\*: Synthesis and Absolute Configuration.](#)  
*The acyl-homoserine lactones (acyl-HSLs) produced by Methylobacterium...* 19th November, 2009  
Chemistry Institute, University of Campinas, CP 6154, 13083-970, Campinas,- J Nat Prod. 2009 Nov 17. ([DOI Direct Link](#))
- [Efficacy profile of daptomycin for the treatment of invasive as compared to non-invasive pulmonary infections with \*S. pneumoniae\*.](#)  
*Daptomycin is a novel lipopeptide antibiotic with excellent activity...* 18th November, 2009  
Department of Pulmonary Medicine, Laboratory for Experimental Lung- Antimicrob Agents Chemother. 2009 Nov 16. ([DOI Direct Link](#))
- [Enterococcus casseliflavus endophthalmitis associated with a horse tail injury.](#)  
*An overview of the mechanism of action, dosing, clinical indications, and...* 18th November, 2009  
- Arch Ophthalmol. 2009 Nov;127(11):1551-2. ([DOI Direct Link](#))
- [Antibiotics for gram-positive bacterial infections: vancomycin, teicoplanin, quinupristin/dalfopristin, oxazolidinones, daptomycin, dalbavancin, and telavancin.](#)  
*An overview of the mechanism of action, dosing, clinical indications, and...* 17th November, 2009  
Department of Internal Medicine, Wayne State University, Detroit, MI- Infect Dis Clin North Am. 2009 Dec;23(4):965-82, ix. ([DOI Direct Link](#))
- [Analysis of clonality and antibiotic resistance among early clinical isolates of \*Enterococcus faecium\* in the United States.](#)  
*BACKGROUND: The Enterococcus faecium genogroup, referred to as clonal...* 17th November, 2009  
Department of Internal Medicine, Division of Infectious Diseases,- J Infect Dis. 2009 Nov 15;200(10):1566-73. ([DOI Direct Link](#))
- [Linezolid versus vancomycin for the treatment of Gram-positive bacterial infections: meta-analysis of randomised controlled trials.](#)  
*This review aimed to compare data regarding the effectiveness and safety...* 11th November, 2009  
Department of Clinical Pharmacology, General Hospital of Chinese People's- Int J Antimicrob Agents. 2009 Nov 7. ([DOI Direct Link](#))
- [Electrical wiring of live, metabolically enhanced \*Bacillus subtilis\* cells with flexible osmium-redox polymers.](#)  
*The present study explores genetic engineering of the respiratory chain...* 6th November, 2009  
Department of Biochemistry, Lund University, P.O. Box 124, SE-221 00 Lund,- J Am Chem Soc. 2009 Nov 11;131(44):16171-6. ([DOI Direct Link](#))

- [Population-based surveillance of infectious endocarditis in an Italian region.](#)  
*Lipoteichoic acid (LTA), a Gram-positive bacterial outer membrane...*5th November, 2009  
- Arch Intern Med. 2009 Oct 12;169(18):1720-3. ([DOI Direct Link](#))
- [Synthesis, antibacterial activities and molecular docking studies of peptide and Schiff bases as targeted antibiotics.](#)  
*A series of peptide and Schiff bases (PSB) were synthesized by reacting...*4th November, 2009  
State Key Laboratory of Pharmaceutical Biotechnology, Nanjing University,- Bioorg Med Chem. 2009 Dec 1;17(23):7861-71. Epub 2009 Oct 23. ([DOI Direct Link](#))
- [Leuconostoc spp sepsis in an extremely low birth weight infant: a case report and review of the literature.](#)  
*A three week old extremely low birth weight (ELBW) infant infected by...*30th October, 2009  
WVU School of Medicine Department of Pediatrics, Morgantown, WV, USA.- W V Med J. 2009 Sep-Oct;105(5):24-7.
- [Antimicrobial and cytotoxic abietane diterpenoids from the roots of Meriandera benghalensis \(Roxb.\) Benth.](#)  
*Four abietane diterpenoids were isolated from the methanolic extract of...*16th October, 2009  
Department of Pharmacognosy, Faculty of Pharmacy, Sana'a-University,- Pharmazie. 2009 Sep;64(9):613-5.
- [Lipoteichoic acid-induced TNF-alpha and IL-6 gene expressions and oxidative stress production in macrophages are suppressed by ketamine through downregulating tolllike receptor 2-mediated activation of ERK1/2 and NFkappaB.](#)  
*Lipoteichoic acid (LTA), a Gram-positive bacterial outer membrane...*14th October, 2009  
\*Graduate Institute of Medical Sciences, Taipei Medical University,- Shock. 2009 Oct 9. ([DOI Direct Link](#))
- [The Corynebacterium diphtheriae shaft pilin SpaA is built of tandem Ig-like modules with stabilizing isopeptide and disulfide bonds.](#)  
*Cell-surface pili are important virulence factors that enable bacterial...*7th October, 2009  
Maurice Wilkins Centre for Molecular Biodiscovery and School of Biological- Proc Natl Acad Sci U S A. 2009 Oct 6;106(40):16967-71. Epub 2009 Sep 21. ([DOI Direct Link](#))
- [Comparative genomic analysis of Lactobacillus rhamnosus GG reveals pili containing a human- mucus binding protein.](#)  
*To unravel the biological function of the widely used probiotic bacterium...*7th October, 2009  
Institute of Biotechnology, University of Helsinki, P.O. Box 56,- Proc Natl Acad Sci U S A. 2009 Oct 6;106(40):17193-8. Epub 2009 Sep 17. ([DOI Direct Link](#))
- [Comparison of beta-lactamase genes in clinical and food bacterial isolates in India.](#)  
*BACKGROUND: The present study aimed to determine the occurrence of human...*6th October, 2009  
Section of Bacteriology & Molecular Biology, Department of Medical- J Infect Dev Ctries. 2009 Sep 15;3(8):593-8.

## Gram-Positive Bacterial Patents:



- 7442762- [Mutational derivatives of microcin J25](#)
- 7511076- [Nitrosation-inducible inhibitors biological macromolecules](#)
- 7514099- [Lipid nanoparticle based compositions and methods for the delivery of biologically active](#)

## [molecules](#)

- 7521073- [Compositions and methods for activating Toll-like receptor 4](#)
- 7524954- [Process for the preparation of linezolid and related compounds](#)
- 7528126- [Pyrrolobenzodiazepines](#)
- 7534782- [Crystal of 1-methylcarbapenem solvate](#)
- 7534939- [Plant transformed with polynucleotide encoding lepidopteran-active Bacillus thuringiensis .delta.-endotoxin](#)
- 7544862- [Coleopteran-resistant transgenic plants and methods of their production](#)
- 7547692- [Rifamycin analogs and uses thereof](#)
- 7547726- [AI-2 compounds and analogs based on Salmonella typhimurium LsrB structure](#)
- 7507872- [Transgenic toll-like receptor 9 \(TLR9\) mice](#)
- 7507787- [Effectors of innate immunity](#)
- 7504381- [Antimicrobial agents](#)
- 7449189- [Glycoconjugate vaccines for use in immune-compromised populations](#)
- 7455981- [Method of detecting broad-spectrum delta-endotoxins](#)
- 7459272- [Reduction in bacterial colonization by administering bacteriophage compositions](#)
- 7476510- [Miniaturized cell array methods and apparatus for cell-based screening](#)
- 7482442- [HEMCM42 nucleic acids](#)
- 7488726- [Rifamycin analogs and uses thereof](#)
- 7494991- [Rifamycin analogs and uses thereof](#)
- 7495030- [\(5-\(2-hydroxy-4-chlorobenzoyl\) aminovaleric acid and salts thereof and compositions containing the same for delivering active agents](#)
- 7498349- [Biaryl compounds having anti-infective activity](#)
- 7504229- [Methods for detecting Bacillus thuringiensis cryET33 and cryET34 polypeptides](#)
- 7550501- [Compounds and methods for treating toll-like receptor 2-related diseases and conditions](#)
- 7550576- [Nucleic acid sequences encoding two-component sensing and regulatory proteins, antimicrobial proteins and uses therefor](#)
- 7595185- [Cytotoxin-based biological containment](#)
- 7595186- [Cytotoxin-based biological containment](#)
- 7598234- [Steroid derived antibiotics](#)
- 7601822- [Molecular identification of bacteria of genus Streptococcus and related genera](#)
- 7604797- [Compositions and methods for treating burns](#)
- 7607436- [Methods, devices and formulations for targeted endobronchial therapy](#)
- 7608448- [Method and cloning vectors utilizing intergeneric conjugation for manipulation of actinomycetes biosynthesis genes](#)
- 7611885- [Pharmaceutically compatible method for purifying intact bacterial minicells](#)
- 7615229- [Mutants of the P4 protein of nontypable Haemophilus influenzae with reduced enzymatic activity](#)
- 7615616- [Bioinformatic method for identifying surface-anchored proteins from gram-positive bacteria and proteins obtained thereby](#)
- 7595038- [Methods of treatment using antibodies to follistatin-3](#)
- 7592339- [Substituted oxazolidinones and their use in the field of blood coagulation](#)
- 7592326- [Method for stimulating the immune, inflammatory or neuroprotective response](#)
- 7556817- [Clostridial toxin activatable Clostridial toxins](#)
- 7572587- [Bacillus thuringiensis CryET29 compositions toxic to coleopteran insects and Ctenocephalides spp](#)
- 7576111- [Substituted oxazolidinones and their use in the field of blood coagulation](#)
- 7579164- [Optimization of coronatine production in a genetically improved strain of Pseudomonas syringae](#)
- 7579343- [Pyrrolo-thiazines and processes for the preparation and use thereof](#)
- 7582291- [Bacteriophage lysins for Enterococcus faecalis, Enterococcus faecium and other bacteria](#)
- 7582616- [Nucleoside transport inhibitors](#)
- 7585860- [Substituted oxazolidinones and their use in the field of blood coagulation](#)

- 7592003- [Regulation of toll-like receptors on stem cells](#)
- 7592013- [Delivery of trefoil peptides](#)
- 7618942- [Method of using broad-spectrum delta-endotoxins](#)

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