

Bacteriolysis

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Recent Publications on Bacteriolysis:

- [A convenient microbiological assay employing cell-free extracts for the rapid characterization of Gram-negative carbapenemase producers.](#)
*OBJECTIVES: The dissemination of metallo and serine carbapenem-hydrolysing...*13th August, 2008
Departamento de Microbiologia, Instituto de Biologia Molecular y Celular- J Antimicrob Chemother. 2008 Aug;62(2):336-44. Epub 2008 May 2. ([DOI Direct Link](#))
- [Regulated programmed lysis of recombinant Salmonella in host tissues to release protective antigens and confer biological containment.](#)
*We have devised and constructed a biological containment system designed...*9th August, 2008
Center for Infectious Diseases and Vaccinology, The Biodesign Institute- Proc Natl Acad Sci U S A. 2008 Jul 8;105(27):9361-6. Epub 2008 Jul 7. ([DOI Direct Link](#))
- [Expression and purification of full-length recombinant PrP of high purity.](#)
*Certain applications in the prion field require recombinant prion protein...*9th August, 2008
Medical Biotechnology Center, University of Maryland Biotechnology- Methods Mol Biol. 2008;459:131-43. ([DOI Direct Link](#))
- [Population Heterogeneity in Corynebacterium glutamicum ATCC 13032 caused by prophage CGP3.](#)
*The genome of Corynebacterium glutamicum type strain ATCC 13032 (accession...*5th August, 2008
Institut für Biotechnologie 1, Forschungszentrum Jülich, D-52425 Jülich,- J Bacteriol. 2008 Jul;190(14):5111-9. Epub 2008 May 16. ([DOI Direct Link](#))
- [Are cationic antimicrobial peptides also 'double-edged swords'?](#)
*The present view focuses on the possibility that cationic antimicrobial...*30th July, 2008
Institute for Dental Sciences, Faculty of Dental Medicine, The Hebrew- Expert Rev Anti Infect Ther. 2008 Aug;6(4):453-62. ([DOI Direct Link](#))
- [Fermented papaya preparation as redox regulator in blood cells of beta-thalassemic mice and patients.](#)
*Many aspects of the pathology in beta-hemoglobinopathies (beta-thalassemia...*29th July, 2008
Department of Hematology, Hadassah - Hebrew University Medical Center,- Phytother Res. 2008 Jun;22(6):820-8. ([DOI Direct Link](#))
- [Tail-associated structural protein gp61 of Staphylococcus aureus phage phi MR11 has bifunctional lytic activity.](#)
*A tailed bacteriophage, phi MR11 (siphovirus), was selected as a candidate...*25th July, 2008
Department of Microbiology and Infection, Kochi Medical School, Nankoku,- FEMS Microbiol Lett. 2008 Jul;284(1):9-16. Epub 2008 May 7. ([DOI Direct Link](#))
- [Daptomycin exerts bactericidal activity without lysis of Staphylococcus aureus.](#)
*The ability of daptomycin to produce bactericidal activity against...*17th July, 2008

Cubist Pharmaceuticals, Inc., 65 Hayden Avenue, Lexington, MA 02421, USA.- Antimicrob Agents Chemother. 2008 Jun;52(6):2223-5. Epub 2008 Mar 31. ([DOI Direct Link](#))

- [Intracellular bacteriolysis triggers a massive apoptotic cell death in Shigella-infected epithelial cells.](#)
*Infected epithelial cells, which act as a first barrier against pathogens,...*9th July, 2008
Dipartimento di Biologia Cellulare e dello Sviluppo, Sapienza-Universita- Microbes Infect. 2008 Jun 18. ([DOI Direct Link](#))
- [Acidic stress induces autolysis by a CSP-independent ComE pathway in Streptococcus pneumoniae.](#)
*In Streptococcus pneumoniae, autolysis is considered a programmed...*4th July, 2008
Departamento de Bioquimica Clinica-CIBICI (CONICET), Facultad de Ciencias- Microbiology. 2008 May;154(Pt 5):1300-8. ([DOI Direct Link](#))
- [Fine antigenic specificity and cooperative bactericidal activity of monoclonal antibodies directed at the meningococcal vaccine candidate factor h-binding protein.](#)
*No broadly protective vaccine is available for the prevention of group B...*2nd July, 2008
Center for Immunobiology and Vaccine Development, Children's Hospital- Infect Immun. 2008 Sep;76(9):4232-40. Epub 2008 Jun 30. ([DOI Direct Link](#))
- [Bacteriophage isolated from feedlot cattle can reduce Escherichia coli O157:H7 populations in ruminant gastrointestinal tracts.](#)
*Escherichia coli O157:H7 can live undetected in the gut of food animals...*12th June, 2008
Food and Feed Safety Research Unit, U.S. Department of Agriculture,- Foodborne Pathog Dis. 2008 Apr;5(2):183-91. ([DOI Direct Link](#))
- [Identification and functional analysis of the Rz/Rz1-like accessory lysis genes in the membrane-containing bacteriophage PRD1.](#)
*Bacteriophage PRD1 is a tailless membrane-containing double-stranded (ds)...*24th May, 2008
Department of Biological and Environmental Sciences and Institute of- Mol Microbiol. 2008 Apr;68(2):492-503. ([DOI Direct Link](#))
- [Preparation of bacterial plasmid DNA.](#)
*The protocols in this unit describe methods for preparing bacterial...*14th May, 2008
State University of New York, Stony Brook, New York, USA.- Curr Protoc Neurosci. 2001 May;Appendix 1:Appendix 1J. ([DOI Direct Link](#))
- [Study of ectoparasitism of ultramicrobacteria of the genus Kaistia, strains NF1 and NF3 by electron and fluorescence microscopy](#)
*Transmission electron and fluorescence microscopy was used to study the...*10th May, 2008
- Mikrobiologija. 2008 Jan-Feb;77(1):55-62.

Bacteriolysis Patents:



- 6379935- [Method of producing .alpha.-halo-.alpha.,.beta.-saturated carbonyl compounds from the corresponding .alpha.,.beta.-unsaturated compounds](#)
- 6511816- [DNA gyrase-inhibiting proteins](#)
- 6528297- [Human lysozyme gene, its encoded polypeptide and the method for preparing them](#)
- 6544519- [Polypeptide originating in haemophilus paragallinarum and process for producing the same](#)
- 6573076- [Gene, group of genes, and novel .beta.-glucosidase](#)
- 6630583- [Antibiotics and methods of using the same](#)
- 6632437- [Immunogenic polysaccharide-protein conjugates containing poly .alpha.\(2.fwdarw.8\),](#)

- [.alpha.\(2.fwdarw.9\) NeuNAc capsular polysaccharides](#)
- 6638513- [Neisseria meningitidis serogroup B Glycoconjugates](#)
- 6642354- [Molecular mimetics of unique Neisseria meningitidis serogroup B epitopes](#)
- 6645752- [Microorganisms useful in a method of producing .alpha.-halo-.alpha.. .beta.-saturated carbonyl compounds](#)
- 6740524- [Nucleic acid transfer phage](#)
- 6495332- [Methods and compositions for ameliorating the symptoms of sepsis](#)
- 6495139- [Identification and characterization of novel pneumococcal choline binding protein, CBPG, and diagnostic and therapeutic uses thereof](#)
- 6491924- [Chlamydia pneumoniae antigenic polypeptide](#)
- 6391595- [Transferase and amylase, process for producing the enzymes, use thereof, and gene coding for the same](#)
- 6413520- [Methods of immunizing adults using anti-meningococcal vaccine compositions](#)
- 6432412- [Active immunization using a siderophore receptor protein](#)
- 6436688- [Human lysozyme gene, its encoding polypeptide and the method preparing for them](#)
- 6448224- [Antibiotics and methods of using the same](#)
- 6465622- [Protein, DNA coding for same and method of producing the protein](#)
- 6472182- [Process for producing transglutaminase by microorganism](#)
- 6485914- [Method of detecting chlamydia pneumoniae gene using polynucleotides](#)
- 6486132- [Immunomodulator, immunomodulator food and immunomodulator feed](#)
- 6489122- [Method of detecting anti-Chlamydia pneumoniae antibody using Chlamydia pneumoniae-specific antigens](#)
- 6743617- [Human lysozyme gene, its encoded polypeptide and the method for preparing them](#)
- 6773913- [Device and process for purifying vectors](#)
- 7250164- [Vaccine composition for preventing meningococcal disease](#)
- 7265257- [Absorbent articles comprising a bodily exudate modifying agent and a film-forming skin care formulation](#)
- 7320794- [Transporter protein](#)
- 7326553- [Maltose-1-phosphate-producing enzyme](#)
- 7329500- [Moraxella \(Branhamella\) catarrhalis polypeptides and corresponding DNA fragments](#)
- 7361263- [Water treatment apparatus and method](#)
- 7361462- [Method for efficiently determining a DNA strand break](#)
- 7381820- [.alpha.-1-phosphorylated-2-deoxy-2-fluoroarabino- and process for producing 2'-deoxy-2'-fluoro-.beta.-d-arabinonucleoside](#)
- 7410645- [Moraxella \(Branhamella\) catarrhalis antigens](#)
- 7410648- [Polypeptides of Moraxella \(Branhamella\) catarrhalis](#)
- 7235621- [Process for producing copolyester](#)
- 7217528- [Antibodies to HFXJW48 polypeptide](#)
- 7169392- [Neisseria meningitidis serogroup B glycoconjugates and methods of producing the same](#)
- 6811990- [Methods and compositions for coupled luminescent assays](#)
- 6844163- [Method for analyzing the amount of intraabdominal adipose tissue](#)
- 6881823- [Human protein HFXJW48](#)
- 6919080- [Polypeptide for Haemophilus paragallinarum and process for preparing the same](#)
- 6936261- [Vaccines for broad spectrum protection against diseases caused by Neisseria meningitidis](#)
- 6986991- [Method of analyzing intestinal flora and analytical apparatus](#)
- 7029670- [Medicines for relieving intestinal disorders](#)
- 7033993- [Polypeptide having larvae growth inhibiting or insecticidal effect on scarabaeidae insects](#)
- 7063949- [Methods for isolating molecular mimetics of unique Neisseria meningitidis serogroup B epitopes](#)
- 7070948- [Method for assaying glycosylated protein](#)
- 7413743- [Active immunization using a siderophore receptor protein](#)

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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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