

# Kanamycin Resistance

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## Recent Publications on Kanamycin Resistance:

- [The role of upstream sequences in selecting the reading frame on tmRNA.](#)  
*BACKGROUND: tmRNA acts first as a tRNA and then as an mRNA to rescue...*5th August, 2008  
Department of Chemistry and Biochemistry, Brigham Young University, Provo,- BMC Biol. 2008 Jun 30;6:29. ([DOI Direct Link](#))
- [Role of the global transcriptional regulator PrrA in Rhodobacter sphaeroides 2.4.1: combined transcriptome and proteome analysis.](#)  
*The PrrBA two-component regulatory system is a major global regulator in...*5th August, 2008  
Department of Microbiology and Molecular Genetics, University of Texas- J Bacteriol. 2008 Jul;190(14):4831-48. Epub 2008 May 16. ([DOI Direct Link](#))
- [Assessment of gut bacteria for a paratransgenic approach to control Dermolepida albobirtum larvae.](#)  
*Bacteria from the hindguts of Dermolepida albobirtum larvae were assessed...*30th July, 2008  
School of Integrative Biology, The University of Queensland, St. Lucia,- Appl Environ Microbiol. 2008 Jul;74(13):4036-43. Epub 2008 May 2. ([DOI Direct Link](#))
- [Transfer of plastid DNA to the nucleus is elevated during male gametogenesis in tobacco.](#)  
*In eukaryotes, many genes were transferred to the nucleus from prokaryotic...*29th July, 2008  
School of Molecular and Biomedical Science, The University of Adelaide,- Plant Physiol. 2008 Jul 25. ([DOI Direct Link](#))
- [Construction of arsB and tetH Mutants of the Sulfur-Oxidizing Bacterium, Acidithiobacillus caldus by Marker Exchange.](#)  
*Acidithiobacillus caldus is a moderately thermophilic, acidophilic...*29th July, 2008  
Department of Microbiology, University of Stellenbosch, Private Bag X1,- Appl Environ Microbiol. 2008 Jul 25. ([DOI Direct Link](#))
- [Very high-level production and export in Escherichia coli of a cellulose binding domain for use in a generic secretion-affinity fusion system.](#)  
*A novel expression vector pTugA, previously constructed in our laboratory,...*19th July, 2008  
Biotechnology Laboratory, Protein Engineering Network of Centres of- Biotechnol Bioeng. 1997 Sep 20;55(6):854-863. ([DOI Direct Link](#))
- [High Frequency Plasmid Recombination Mediated by 28 bp Direct Repeats.](#)  
*The stability in Escherichia coli of a mammalian expression vector...*9th July, 2008  
Centre for Biological and Chemical Engineering, Institute for- Mol Biotechnol. 2008 Jul 8. ([DOI Direct Link](#))
- [Characterization of a 3.3-kb plasmid of Escherichia coli O157:H7 and evaluation of stability of genetically engineered derivatives of this plasmid expressing green fluorescence.](#)

- Enterohemorrhagic Escherichia coli (EHEC) O157:H7 (strain 86-24) harbors a...*1st July, 2008  
 Enteric Diseases and Food Safety Research Unit, National Animal Disease- Vet Microbiol. 2008 May 24. ([DOI Direct Link](#))
- [\[Construction of replication-deficient recombinant adenoviral vector carrying HBsAg and HSP70 chimeric gene and its expression in vitro\]](#)  
*OBJECTIVE: To construct a recombinant adenoviral vector carrying...*25th June, 2008  
 The Eighth Hospital of Guangzhou City, Guangzhou, China.- Zhonghua Shi Yan He Lin Chuang Bing Du Xue Za Zhi. 2008 Apr;22(2):136-9.
  - [\[Molecular analysis of multiresistant porcine Salmonella enterica subsp. enterica serovar Bredeney isolates from Southern Brazil: identification of resistance genes, integrons and a group II intron.\]](#)  
*The relationships of 83 porcine Salmonella enterica subsp. enterica...*24th June, 2008  
 Institute of Farm Animal Genetics, Friedrich-Loeffler-Institute, Holtzstr.- Int J Antimicrob Agents. 2008 Aug;32(2):120-9. Epub 2008 Jun 20. ([DOI Direct Link](#))
  - [\[Galactose residues on the lipooligosaccharide of Moraxella catarrhalis 26404 form the epitope recognized by the bactericidal antiserum from conjugate vaccination.\]](#)  
*Lipooligosaccharide (LOS) from Moraxella catarrhalis has the potential to...*19th June, 2008  
 Vaccine Research Facility, National Institute on Deafness and Other- Infect Immun. 2008 Sep;76(9):4251-8. Epub 2008 Jun 16. ([DOI Direct Link](#))
  - [\[In vivo development of carbapenem resistance in clinical isolates of Enterobacter aerogenes producing multiple beta-lactamases.\]](#)  
*Four clinical strains of extended-spectrum beta-lactamase- and...*17th June, 2008  
 State Key Laboratory of Infectious Disease Diagnosis and Treatment, First- Int J Antimicrob Agents. 2008 Jun 13. ([DOI Direct Link](#))
  - [\[Analysis and distribution of class 1 and class 2 integrons and associated gene cassettes among Escherichia coli isolates from swine, horses, cats and dogs collected in the BfT-GermVet monitoring study.\]](#)  
*OBJECTIVES: In the BfT-GermVet monitoring study, 417 Escherichia coli...*14th June, 2008  
 Institute of Farm Animal Genetics, Friedrich-Loeffler-Institute, Holtzstr.- J Antimicrob Chemother. 2008 Sep;62(3):469-73. Epub 2008 Jun 11. ([DOI Direct Link](#))
  - [\[Genetically modified tobacco--chance or threat for smokers?\]](#)  
*Tobacco (Nicotiana sp.) is of the most often used model plants for...*29th May, 2008  
 Zaklad Chemii Ogolnej i Nieorganicznej, Katedra Chemii Ogolnej i- Przegl Lek. 2007;64(10):908-12.
  - [\[Identification of genes of Mycobacterium tuberculosis upregulated during anaerobic persistence by fluorescence and kanamycin resistance selection.\]](#)  
*Molecular mechanisms involved in maintaining the latent infection of...*25th April, 2008  
 Microbiology Division, Central Drug Research Institute, Lucknow 226001,- Tuberculosis (Edinb). 2008 Apr 21. ([DOI Direct Link](#))

## BioNews Results for Kanamycin Resistance

- [\[Drug Resistance: New findings reported from South China Agricultural University describe advances in drug resi\]](#)  
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## Kanamycin Resistance Patents:

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- 7407780- [Process for producing glycerol in recombinant bacterial host cells](#)
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