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Recent Publications by Biotechnology Research Centre:



- [Dexamethasone downregulates BCRP mRNA and protein expression in breast cancer cell lines.](#)
It is hypothesized that anti-inflammatory drugs regulate breast cancer... 17th November, 2009
Biotechnology Laboratory, Biotechnology Research Centre, Bu-Ali Research- Oncol Res. 2009;18(1):9-15.
- [Candidatus Monilibacter spp., common bulking filaments in activated sludge, are members of Cluster III Defluviicoccus.](#)
Two alphaproteobacterial Neisser negative 'Nostocoida limicola'... 10th November, 2009
Biotechnology Research Centre, La Trobe University, PO Box 199, Bendigo- Syst Appl Microbiol. 2009 Oct;32(7):480-9. Epub 2009 Aug 12. ([DOI Direct Link](#))
- [Preparation and in vitro evaluation of actively targetable nanoparticles for SN-38 delivery against HT-29 cell lines.](#)
SN-38 (7-ethyl-10-hydroxycamptothecin) is the active metabolite of... 20th October, 2009
Novel Drug Delivery Systems Lab, Department of Pharmaceutics, Faculty of- Nanomedicine. 2009 Nov 4. ([DOI Direct Link](#))
- [Extracting nucleic acids from activated sludge which reflect community population diversity.](#)
Critical to most studies in molecular microbial ecology is the application... 22nd September, 2009
Biotechnology Research Centre, La Trobe University, P.O. Box 199, Bendigo,- Antonie Van Leeuwenhoek. 2009 Nov;96(4):593-605. ([DOI Direct Link](#))
- [Prevalence of viral hepatitis and molecular analysis of HBV among voluntary blood donors in west Iran.](#)
To determine the prevalence of viral hepatitis infection and hepatitis B... 29th July, 2009
Biotechnology Research Centre, Islamic Azad University, Shahrekord Branch,- New Microbiol. 2009

Apr;32(2):193-8.

- [Biomass granulation in an aerobic:anaerobic-enhanced biological phosphorus removal process in a sequencing batch reactor with varying pH.](#)
*Long-term influences of different steady-state pH conditions on microbial...*28th July, 2009
Biotechnology Research Centre, La Trobe University, Bendigo, VIC 3552,- J Ind Microbiol Biotechnol. 2009 Jul;36(7):885-93. Epub 2009 Apr 7. ([DOI Direct Link](#))
- [Determination of heavy metals in fresh water fish species of the River Ravi, Pakistan compared to farmed fish varieties.](#)
*The untreated industrial and sewage wastes arising from industries and...*21st July, 2009
Meat Research Laboratory, Food and Biotechnology Research Centre, PCSIR- Environ Monit Assess. 2009 Jul 18. ([DOI Direct Link](#))
- [Characterization and its potential application of two esterases derived from the arctic sediment metagenome.](#)
*Two esterase genes (designated as estAT1 and estAT11, respectively) were...*17th July, 2009
Marine Biotechnology Research Centre, Korean Ocean Research & Development- Mar Biotechnol (NY). 2009 May-Jun;11(3):307-16. Epub 2008 Sep 24. ([DOI Direct Link](#))
- [Cloning and characterization of an epoxide hydrolase from *Novosphingobium aromaticivorans*.](#)
*A gene encoding a putative epoxide hydrolase (EHase) was identified by...*14th May, 2009
Marine Biotechnology Research Centre, Korea Ocean Research & Development- Appl Microbiol Biotechnol. 2009 Apr;82(5):873-81. Epub 2008 Dec 16. ([DOI Direct Link](#))
- [Filamentous bacterium *Eikelboom* type 0092 in activated sludge plants in Australia is a member of the phylum *Chloroflexi*.](#)
*Molecular data show that the filamentous bacterium *Eikelboom* type 0092,...*12th May, 2009
Biotechnology Research Centre, La Trobe University, P.O. Box 199, Bendigo,- Appl Environ Microbiol. 2009 Apr;75(8):2446-52. Epub 2009 Feb 13. ([DOI Direct Link](#))
- [Effect of additives in aqueous formulation on the foliar uptake of dimethomorph by cucumbers.](#)
*BACKGROUND: The efficacy enhancement of dimethomorph formulation by...*22nd April, 2009
Chemical Biotechnology Research Centre, Korea Research Institute of- Pest Manag Sci. 2009 Apr;65(4):426-32. ([DOI Direct Link](#))
- [Culture conditions affect the chemical composition of the exopolysaccharide synthesized by the fungus *Aureobasidium pullulans*.](#)
*AIMS: To identify if culture conditions affect the chemical composition of...*27th March, 2009
Biotechnology Research Centre, La Trobe University, Bendigo, Vic.,- J Appl Microbiol. 2009 Aug;107(2):691-8. Epub 2009 Mar 25. ([DOI Direct Link](#))
- [Simple and safe method for simultaneous isolation of microbial RNA and DNA from problematic populations.](#)
*We describe a novel, rapid, and safe method for extracting RNA and DNA...*1st January, 2009
Biotechnology Research Centre, La Trobe University, Bendigo, Victoria,- Appl Environ Microbiol. 2008 Nov;74(21):6806-7. Epub 2008 Sep 12. ([DOI Direct Link](#))
- [A cold-adapted epoxide hydrolase from a strict marine bacterium, *Sphingophyxis alaskensis*.](#)
*An open reading frame (ORF) encoding a putative epoxide hydrolase (EHase)...*17th December, 2008
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- [Increased sperm ubiquitination correlates with abnormal chromatin integrity.](#)
*Ubiquitin, a 8.5 kDa peptide that marks other proteins for proteasomal...*1st November, 2008
Reproductive Biotechnology Research Centre, Avicenna Research Institute,- Reprod Biomed Online. 2008 Sep;17(3):324-30.

Press Releases on Biotechnology Research Centre:

Pan-European Survey Reveals Concerning Rates of Chemotherapy-Induced Neutropenia	26th November, 2009		BRUSSELS, November 26 /PRNewswire/ -- The risk of neutropenic infections poses an additional threat to cancer patients undergoing chemotherapy, at a time when a patient's emotional and physical
Frost & Sullivan Award Underlines Cipla Medpro's Status as Company of the Year in the South African Generic Pharmaceutical Market	26th November, 2009	Frost & Sullivan	JOHANNESBURG, South Africa, Nov. 26 /PRNewswire/ -- The 2009 Frost & Sullivan South Africa Company of the Year Award in the Generic Pharmaceutical Market is presented to Cipla Medpro South Africa
FDA's Woodcock Discusses Pain Management and Drug Safety in Nov. 26, 2009 Issue of The New England Journal of Medicine	25th November, 2009	U.S. Food and Drug Administration	SILVER SPRING, Md., Nov. 25 /PRNewswire-USNewswire/ -- An article by Janet Woodcock, M.D., director of the FDA's Center for Drug Evaluation and Research, titled "A Difficult Balance - Pain
North Carolina-based Cnanoz Unveils NanoPure(TM) to Government Leaders in Hyderabad, India	25th November, 2009	Cnanoz Inc.	DURHAM, N.C., Nov. 25 /PRNewswire/ -- Research Triangle Park-based Cnanoz Inc. unveiled the first energy-efficient, single-treatment water purification system NanoPure(TM) developed from carbon
Pharmasset Reports Fiscal Year End 2009 Financial Results	25th November, 2009	Pharmasset, Inc.	PRINCETON, N.J., Nov. 25 /PRNewswire-FirstCall/ -- Pharmasset, Inc. (Nasdaq: VRUS), a clinical stage pharmaceutical company committed to discovering, developing and commercializing novel drugs to

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