

## Anaerobiosis

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### Recent Publications on Anaerobiosis:



- [Antiplasmodial activity of quinones: roles of aziridinyl substituents and the inhibition of Plasmodium falciparum glutathione reductase.](#)  
*Although quinones have been the subject of great interest as possible...*19th November, 2009  
Museum National d'Histoire Naturelle, FRE 3206 CNRS, 61 rue Buffon, F-75231- Arch Biochem Biophys. 2009 Nov 14. ([DOI Direct Link](#))
- [Anaerobic membrane bioreactor treatment of synthetic municipal wastewater at ambient temperature.](#)  
*The performance of a crossflow anaerobic membrane bioreactor (AnMBR) to...*18th November, 2009  
South Carolina Department of Health and Environmental Control, Columbia,- Water Environ Res. 2009 Sep-Oct;81(9):922-8.
- [Importance of particulate biodegradable organic compounds in performance of full-scale biological phosphorus removal system.](#)  
*In this study, biological treatment performances of two parallel treatment...*18th November, 2009  
Dokuz Eylul University, The Graduate School of Natural and Applied- Water Environ Res. 2009 Sep-Oct;81(9):886-95.
- [Low oxygen levels as a trigger for enhancement of respiratory metabolism in Saccharomyces cerevisiae.](#)  
*BACKGROUND: The industrially important yeast Saccharomyces cerevisiae is...*17th November, 2009  
VTT Technical Research Centre of Finland, P,O, Box 1000, FI-02044 VTT,- BMC Genomics. 2009 Oct 5;10:461. ([DOI Direct Link](#))
- [Functional and ecological impacts of horizontal gene transfer in eukaryotes.](#)  
*Horizontal gene transfer (HGT) is known to have contributed to the content...*10th November, 2009  
Canadian Institute for Advanced Research, Botany Department, University of- Curr Opin Genet Dev. 2009 Nov 6. ([DOI Direct Link](#))
- [Zero-valent aluminum for oxidative degradation of aqueous organic pollutants.](#)  
*Oxidative degradation of aquatic organic contaminants using zero-valent...*7th November, 2009  
School of Environmental Science and Engineering, Pohang University of- Environ Sci Technol. 2009 Sep 15;43(18):7130-5.
- [Emissions of inorganic and organic arsenic compounds via the leachate pathway from pretreated municipal waste materials: a landfill reactor study.](#)  
*The emission of arsenic (As) with leachate from mechanically biologically...*7th November, 2009  
Institute of Biogeochemistry and Pollutant Dynamics, Swiss Federal- Environ Sci Technol. 2009 Sep 15;43(18):7092-7.
- [Natural attenuation potential of phenylarsenicals in anoxic groundwaters.](#)

*The extensive production of chemical warfare agents in the 20th century...*7th November, 2009  
Department Groundwater Remediation, UFZ, Helmholtz Centre for- Environ Sci Technol. 2009 Sep  
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- [Co-inhibition of methanogens for methane mitigation in biodegradable wastes.](#)  
*The inhibition effects and mechanisms of chlorinated methane and acetylene...*29th October, 2009  
Department of Chemical and Biological Engineering, Chongqing University of- J Environ Sci (China).  
2009;21(6):827-33.
- [Gene responses to oxygen availability in \*Kluyveromyces lactis\*: an insight on the evolution of the oxygen-responding system in yeast.](#)  
*The whole-genome duplication (WGD) may provide a basis for the emergence...*27th October, 2009  
Universite Paris Sud-11, CNRS UMR 8621, Institut de Genetique et- PLoS One. 2009 Oct  
26;4(10):e7561. ([DOI Direct Link](#))
- [An insight into the role of phosphotransacetylase \(pta\) and the acetate/acetyl-CoA node in \*Escherichia coli\*.](#)  
*BACKGROUND: Acetate metabolism in *Escherichia coli* plays an important role...*27th October, 2009  
Department of Biochemistry and Molecular Biology B and Immunology, Campus- Microb Cell Fact.  
2009 Oct 24;8:54. ([DOI Direct Link](#))
- [Deep-sea archaea fix and share nitrogen in methane-consuming microbial consortia.](#)  
*Nitrogen-fixing (diazotrophic) microorganisms regulate productivity in...*27th October, 2009  
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- [Clinical and microbiological characteristics in predicting dentine caries progression.](#)  
*The purpose of this study was to evaluate the clinical aspect of dentine...*21st October, 2009  
Departamento de Odontologia, Federal University of Rio Grande do Norte- Acta Odontol Latinoam.  
2009;22(2):143-9.
- [Regulation of the heat shock response under anoxia in the turtle, \*Trachemys scripta elegans\*.](#)  
*The effects of 20 h of anoxic submergence in cold water and 5 h of aerobic...*17th October, 2009  
Department of Biology, Institute of Biochemistry, Carleton University,- J Comp Physiol B. 2009 Oct 16.  
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- [An ATP and oxalate generating variant tricarboxylic acid cycle counters aluminum toxicity in \*Pseudomonas fluorescens\*.](#)  
*Although the tricarboxylic acid (TCA) cycle is essential in almost all...*8th October, 2009  
Department of Chemistry and Biochemistry, Laurentian University, Sudbury,- PLoS One. 2009 Oct  
7;4(10):e7344. ([DOI Direct Link](#))

## Anaerobiosis Patents:



- 7232679- [Isoprenoid production](#)
- 7319020- [Method for carrying out the controlled post-harvest production of proteins in host organisms](#)
- 7320876- [Phytase-containing animal food and method](#)
- 7323203- [Process for producing pickles, and antimicrobial composition](#)
- 7338940- [Cancer treatment including glycolytic inhibitors](#)
- 7341665- [Process for the treatment of contaminated water based on the use of apolar zeolites having different characteristics](#)

- [7344643- Process to enhance phosphorus removal for activated sludge wastewater treatment systems](#)
- [7351563- Cell-free extracts and synthesis of active hydrogenase](#)
- [7361743- Lincomycin derivatives possessing antibacterial activity](#)
- [7364856- PknB kinase and pstP phosphatase and methods of identifying inhibitory substances](#)
- [7371560- Photosynthetic hydrogen production](#)
- [7312063- Overexpression of phytase genes in yeast systems](#)
- [7309505- Using mutations to improve Aspergillus phytases](#)
- [7304220- Regulation of quinolate phosphoribosyl transferase expression](#)
- [7235634- 2786, a novel human aminopeptidase](#)
- [7235649- Isolated GRP94 ligand binding domain polypeptide and nucleic acid encoding same, and screening methods employing same](#)
- [7249440- Plant-growing system having an aerator](#)
- [7253001- Metabolic engineering for improved xylose utilisation of Saccharomyces cerevisiae](#)
- [7256016- Recycling system for manipulation of intracellular NADH availability](#)
- [7256177- Lincomycin derivatives possessing antibacterial activity](#)
- [7267972- Method for preparing 1,3-propanediol by a recombinant micro-organism in the absence of coenzyme b12 or one of its precursors](#)
- [7276165- Method and plant for biological treatment of aqueous effluents for purification thereof](#)
- [7285403- Xylose-fermenting recombinant yeast strains](#)
- [7300781- Site-directed mutagenesis of Escherichia coli phytase](#)
- [7374905- Medium composition, method and device for selectively enhancing the isolation of anaerobic microorganisms contained in a mixed sample with facultative microorganisms](#)
- [7381406- Probiotic lactobacillus strains for pets](#)
- [7527951- Engineering fungi for the utilisation of L-arabinose](#)
- [7554007- Methods of increasing abiotic stress tolerance and/or biomass in plants](#)
- [7563436- Mutant Lactobacillus bulgaricus strains free from beta-galactosidase activity](#)
- [7563944- Expression cassette for nucleic acids in plant tissue containing starch](#)
- [7569147- Screening of inert solids from a low-yield wastewater treatment process](#)
- [7575905- Process for L-amino acid production using enterobacteriaceae strains with enhanced yibD](#)
- [7589254- Transgenic expression cassettes for expressing nucleic acid sequences in sink tissues of plants that store carbohydrate](#)
- [7598355- Characterization of GRP94-ligand interactions and purification, screening, and therapeutic methods relating thereto](#)
- [7598368- COX5c-1 gene intron for increasing expression level in cassettes, plant cells and transgenic plants](#)
- [7604979- Method for producing an L-amino acid using a bacterium with an optimized level of gene expression](#)
- [7524646- Method for diversifying the chemical composition of proteins produced in vivo by genetically disabling the editing function of their aminoacyl tRNA synthetases](#)
- [7518034- Compositions and methods for the modification of gene expression](#)
- [7491386- Treatment of actinomyces naeslundii-related diseases with exogenous lactic bacteria strains](#)
- [7385106- Plants tolerant of environmental stress conditions, methods of generating same and novel polynucleotide sequence utilized thereby](#)
- [7408098- Regulation of quinolate phosphoribosyl transferase expression](#)
- [7410653- Method for the production of an immunostimulant milk product and uses thereof](#)
- [7422694- Process for the microbiological decontamination of water by means of photosensitive agents](#)
- [7425670- Methods and compositions for protein production in tobacco plants with reduced nicotine](#)
- [7429691- Methods and compositions for transformation and regeneration of maize](#)
- [7453022- Method of increasing the content of selected transgene-coded proteins or peptides in plants](#)
- [7462480- Stimulation of microbial dechlorination of polychlorinated biphenyls with halogenated ethenes](#)
- [7473364- Multivalent metal ion management for low sludge processes](#)
- [7484560- Process for enhanced recovery of crude oil from oil wells using novel microbial consortium](#)
- [7605308- Regulation of quinolate phosphoribosyl transferase expression](#)

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