

## Animal Nutrition

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### Recent Publications on Animal Nutrition:



- [Evaluation of the inclusion of a mixture of organic acids or lactulose into the feed of pigs experimentally challenged with Salmonella Typhimurium.](#)  
*A mixture of organic acids and lactulose for preventing or reducing...* 17th November, 2009  
Animal Nutrition, Management and Welfare Research Group, Department de- Vet Microbiol. 2009 Oct 20. ([DOI Direct Link](#))
- [The approach to the mechanism of calcitonin gene-related peptide-inducing inhibition of food intake.](#)  
*The aim of this study was to investigate the anorectic mechanism of...* 13th November, 2009  
The Key Laboratory of Molecular Animal Nutrition, Ministry of Education,- J Anim Physiol Anim Nutr (Berl). 2009 Nov 11. ([DOI Direct Link](#))
- [Gene Regulatory Effects of Ginkgo biloba Extract and Its Flavonol and Terpenelactone Fractions in Mouse Brain.](#)  
*The standardised Ginkgo biloba extract EGb761 is known for its potential...* 11th November, 2009  
Institute of Animal Nutrition and Physiology,- J Clin Biochem Nutr. 2009 Nov;45(3):315-21. Epub 2009 Oct 28. ([DOI Direct Link](#))
- [The potential ability of swine nutrition to influence environmental factors positively.](#)  
*Environmental issues are a growing concern within agriculture. Several of...* 10th November, 2009  
Land O'Lakes Purina Feed LLC, Shoreview, MN 55126.- J Anim Sci. 2009 Nov 6. ([DOI Direct Link](#))
- [Early and Sustained Enrichment of Serum n-3 Long Chain Polyunsaturated Fatty Acids in Dogs Fed a Flaxseed Supplemented Diet.](#)  
*A study was conducted in dogs to assess n-3 long chain polyunsaturated...* 6th November, 2009  
Companion Animal Nutrition Lab, Department of Veterinary Small Animal and- Lipids. 2009 Nov 5. ([DOI Direct Link](#))
- [In vitro culture and characterization of a mammary epithelial cell line from Chinese Holstein dairy cow.](#)  
*BACKGROUND: The objective of this study was to establish a culture system...* 6th November, 2009  
State Key Laboratory of Animal Nutrition, Institute of Animal Science,- PLoS One. 2009 Nov 3;4(11):e7636. ([DOI Direct Link](#))
- [Effects of acute heat stress and subsequent stress removal on function of hepatic mitochondrial respiration, ROS production and lipid peroxidation in broiler chickens.](#)  
*In order to investigate the effects of acute heat stress and subsequent...* 4th November, 2009  
Department of Animal Nutrition and Feed Science, College of Animal- Comp Biochem Physiol C Toxicol Pharmacol. 2009 Oct 31. ([DOI Direct Link](#))
- [Effect of different levels of dried citrus pulp on performance, egg quality, and blood parameters of laying hens in early phase of production.](#)

- Utilization of agricultural wastes in animal nutrition is a matter of...*3rd November, 2009  
Department of Animal Science, College of Animal Science and Fisheries,- Trop Anim Health Prod.  
2009 Nov 1. ([DOI Direct Link](#))
- [Development of a New HPLC Method Used for Determination of Zearalenone and Its Metabolites in Broiler Samples. Influence of Zearalenone on the Nutritional Properties of Broiler Meat.](#)  
*This paper presents the development, optimization and validation of a new...*3rd November, 2009  
National Research and Development Institute for Biology and Animal- J Agric Food Chem. 2009 Nov 25;57(22):10497-10504. ([DOI Direct Link](#))
  - [Redescription of Balantidium polyvacuolum Li 1963 \(Class: Litostomatea\) inhabiting the intestines of Xenocyprinae fishes in Hubei, China.](#)  
*Redescription of Balantidium polyvacuolum Li 1963, collected from the...*30th October, 2009  
Hubei Key Laboratory of Animal Nutrition and Feed Science, Wuhan- Parasitol Res. 2009 Oct 29. ([DOI Direct Link](#))
  - [Identification and characterization of a novel antibacterial peptide, avian beta-defensin 2 from ducks.](#)  
*In this study, a novel avian beta-defensin (AvBD) was isolated from duck...*24th October, 2009  
Institute of Animal Nutrition, Northeast Agricultural University, Harbin,- J Microbiol. 2009 Oct;47(5):610-8. Epub 2009 Oct 24. ([DOI Direct Link](#))
  - [Differential Expression of Lipid Metabolism Related Genes in Porcine Muscle Tissue Leading to Different Intramuscular Fat Deposition.](#)  
*Intramuscular fat (IMF) content affects meat quality and varies in...*23rd October, 2009  
Key Laboratory of Animal Nutrition and Feed Science in Yunnan Province,- Lipids. 2009 Oct 22. ([DOI Direct Link](#))
  - [Expression of Trichoderma reesei endo-beta-glucanase II in silkworm, Bombyx mori L. by using BmNPV/Bac-to-Bac expression system and its bioactivity assay.](#)  
*The silkworm, Bombyx mori, was used to produce recombinant...*20th October, 2009  
Institute of Dairy Science, Ministry of Education Key Laboratory of- Biotechnol Lett. 2009 Oct 17. ([DOI Direct Link](#))
  - [Cloning and expression of a gene encoding shortened LfcinB\(1-15\)-Melittin\(5-12\) hybrid peptide in Escherichia coli BL21\(DE3\)](#)  
*In order to get new antibacterial peptide, we designed a hybrid peptide...*20th October, 2009  
Institute of Animal Nutrition, Northeast Agricultural University, Harbin- Sheng Wu Gong Cheng Xue Bao. 2009 Jul;25(7):975-81.
  - [The activity and compatibility of the antibiotic tiamulin with other drugs in poultry medicine--A review.](#)  
*Tiamulin hydrogen fumarate is a semisynthetic derivative of the diterpene...*17th October, 2009  
Department of Animal Nutrition, Bangladesh Agricultural University,- Poult Sci. 2009 Nov;88(11):2353-9. ([DOI Direct Link](#))

## BioNews Results for Animal Nutrition

- [K-State researchers studying link between climate change and cattle nutritional stress](#)  
*Genetic Engineering News: Nov 16 2009 8:26PM Matching: animal nutrition*
- [Meat and dairy link to breast cancer risk](#)  
*6minutes.net.au: Nov 13 2009 6:36AM Matching: animal nutrition*
- [Meat and dairy contribute to breast cancer risk](#)  
*6minutes.net.au: Nov 13 2009 3:12AM Matching: animal nutrition*
- ['Good' dietary fats trim body fat in diabetic women](#)  
*Reuters Health: Oct 9 2009 10:10PM Matching: animal nutrition*
- [MD Biosciences Expansion to Increase Capacity in Pre-Clinical Drug Discovery Services and Products for Inflamm](#)

Business Wire via Yahoo!: Oct 5 2009 7:20PM Matching: animal nutrition

- [AgraQuest Partners With Alpharma to Bring New Technology to Animal Nutrition Sector](#)

Stockwatch: Sep 11 2009 9:31PM Matching: animal nutrition



## Animal Nutrition Patents:

- 7498454- [Process for preparing fatty acid alkyl esters and acrolein from triglycerides](#)
- 7534433- [Method for improving body weight gain and feed conversion efficiency in animals](#)
- 7534463- [Use of a novel source of fiber for captive wild browser diets](#)
- 7534762- [Polypeptides having antimicrobial activity and polynucleotides encoding same](#)
- 7537920- [Method for the production of polyunsaturated fatty acids](#)
- 7544376- [Methods and compositions for increasing milk production in animals](#)
- 7547454- [Hydroxy acid complexes for antiaging and skin renovation](#)
- 7547534- [Methods for making a composition to treat a wood, a pulp or a paper](#)
- 7547820- [Method for altering the nutritional content of plant seed](#)
- 7550504- [Method for the production on metal carboxylates and the metal aminoate or metal hydroxy analogue methionate derivatives thereof, and use of same as growth promoters in animal feed](#)
- 7553645- [Process for preparing L-amino acids using improved strains of the Enterobacteriaceae family](#)
- 7524657- [Alleles of the sigA gene from coryneform bacteria](#)
- 7517892- [Ligands for monoamine receptors and transporters, and methods of use thereof](#)
- 7517870- [Use of compounds that interfere with the hedgehog signaling pathway for the manufacture of a medicament for preventing, inhibiting, and/or reversing ocular diseases related with ocular neovascularization](#)
- 7504112- [Process and apparatus for the preparation of chlortetracycline-containing animal feed compositions](#)
- 7504120- [Xylanases, nucleic acids encoding them and methods for making and using them](#)
- 7504242- [Process for the fermentative production of amino acids using coryneform bacteria in which OpcA gene expression is amplified](#)
- 7504375- [Antimicrobial polypeptides](#)
- 7504542- [Preparation of .alpha.-hydroxy ketones via carbene-catalyzed umpolung reaction of aldehydes](#)
- 7511073- [Amines that inhibit a mammalian anandamide transporter, and methods of use thereof](#)
- 7511141- [Piperidine-piperazine ligands for neurotransmitter receptors](#)
- 7511198- [Maize multidrug resistance-associated protein polynucleotides and methods of use](#)
- 7514085- [Immune modulating compounds from fungi](#)
- 7514111- [Method for preparing granular animal feed additive and granular animal feed additive prepared by the method](#)
- 7554008- [.DELTA.6-desaturases from Primulaceae, expressing plants and PUFA-containing oils](#)
- 7554018- [Nitrogen-regulated sugar sensing gene and protein and modulation thereof](#)
- 7601890- [Plant sterol acyltransferases](#)
- 7608444- [Use of acid stable protease in animal feed](#)
- 7608754- [Double fructan beets](#)
- 7608755- [Inositol polyphosphate kinase genes and uses thereof](#)
- 7611701- [Preparation of phytase-containing granulates for use in animal feed](#)

- 7612233- [Production of sodium diformate](#)
- 7615618- [Oligonucleotides comprising a non-phosphate backbone linkage](#)
- 7615679- [Method of producing polyunsaturated fatty acids, novel biosynthesis genes, and novel plant expression constructs](#)
- 7618770- [Methods and apparatus for reducing protein content in sperm cell extenders](#)
- 7618798- [Alginate gel scaffold having a plurality of continuous parallel microtubular copper capillaries](#)
- 7598062- [Process for the production of L-amino acids using strains of the family enterobacteriaceae that contain an attenuated fruR gene](#)
- 7592165- [Process for the enzymatic preparation of an amide from a nitrile](#)
- 7588926- [Proteases](#)
- 7563471- [Commercial poultry breeder citrus byproduct feed supplement and method](#)
- 7563473- [Quinoa protein concentrate, production and functionality](#)
- 7563878- [Bacterial phytases and method for producing same](#)
- 7575905- [Process for L-amino acid production using enterobacteriaceae strains with enhanced yibD](#)
- 7579451- [Oligonucleotides comprising a modified or non-natural nucleobase](#)
- 7584909- [Eggshell membrane separation method](#)
- 7585650- [Alleles of the zwf gene from coryneform bacteria](#)
- 7585959- [Feedback resistant acetohydroxy acid synthetase mutants](#)
- 7586003- [Derivatives of seleno-amino acids](#)
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