

## Laboratory Animal Science

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### Recent Publications on Laboratory Animal Science:



- [Efficacy profile of daptomycin for the treatment of invasive as compared to non-invasive pulmonary infections with \*S. pneumoniae\*.](#)  
*Daptomycin is a novel lipopeptide antibiotic with excellent activity...*18th November, 2009  
Department of Pulmonary Medicine, Laboratory for Experimental Lung- Antimicrob Agents Chemother. 2009 Nov 16. ([DOI Direct Link](#))
- [Brain penetration of local anaesthetics in the rat: implications for experimental neuroscience.](#)  
*Multiple experimental neuroscience techniques rely on the use of general...*18th November, 2009  
Department of Laboratory Animal Science, GlaxoSmithKline Research Centre,- J Neurosci Methods. 2009 Nov 13. ([DOI Direct Link](#))
- [Effects of \*Trichomonas muris\* on the mouse intestine: a proteomic analysis.](#)  
*Although *Trichomonas muris* is a common parasite often detected in...*10th November, 2009  
Division of Laboratory Animal Science, Research Center for Bioscience and- Exp Anim. 2009 Oct;58(5):537-42.
- [Amelioration of anemia in the ICGN mouse, a renal anemia model, with a subcutaneous bolus injection of erythropoietin adsorbed to hydroxyapatite matrix.](#)  
*The recombinant human erythropoietin (rhEPO) is used for the treatment of...*6th November, 2009  
Laboratory of Laboratory Animal Science and Medicine, Department of- J Vet Med Sci. 2009 Oct;71(10):1365-71.
- [Insulin resistance in insulin-resistant and diabetic hamsters \(\*Mesocricetus auratus\*\) is associated with abnormal hepatic expression of genes involved in lipid and glucose metabolism.](#)  
*Fat-induced hepatic insulin resistance (FIHIR) in obesity induced by...*6th November, 2009  
Department of Pathology, Institute of Laboratory Animal Science, Chinese- Comp Med. 2009 Oct;59(5):449-58.
- [Possible involvement of ghrelin on pain threshold in obesity.](#)  
*Pain threshold (or perception) can increase or decrease according to some...*4th November, 2009  
Department of Laboratory Animal Science, Institute of Health Science,- Med Hypotheses. 2009 Oct 31. ([DOI Direct Link](#))
- [\[Status of the use of laboratory animals since 2000 in Denmark\]](#)  
*Since 2000 the annual use of laboratory animals in Denmark has remained...*3rd November, 2009  
Arhus Sygehus, Arhus Universitetshospital, PET-centret, og Kobenhavns- Ugeskr Laeger. 2009 Oct 19;171(43):3088-91.
- [Cdcs1 a major colitis susceptibility locus in mice: Subcongenic analysis reveals genetic complexity.](#)  
*BACKGROUND:: The cytokine-deficiency-induced colitis susceptibility...*27th October, 2009

Institute for Laboratory Animal Science, Hannover Medical School, Hannover, - Inflamm Bowel Dis. 2009 Oct 23. ([DOI Direct Link](#))

- [G protein-coupled receptor kinase 5, overexpressed in the alpha-synuclein up-regulation model of Parkinson's disease, regulates bcl-2 expression.](#)  
*G protein-coupled receptor kinase 5 (GRK5) has been reported to accumulate...* 27th October, 2009  
Institute of Laboratory Animal Science, Chinese Academy of Medical- Brain Res. 2009 Oct 21. ([DOI Direct Link](#))
- [Contribution of animal models to the understanding of the metabolic syndrome: a systematic overview.](#)  
*Summary The metabolic syndrome (MetS) is one of the most important...* 23rd October, 2009  
Laboratory Animal Science group, Instituto de Biologia Molecular e- Obes Rev. 2009 Oct 21. ([DOI Direct Link](#))
- [\[Life cycle of Triatoma dimidiata latreille, 1811 \(Hemiptera, Reduviidae\) under laboratory conditions: production of nymphs for biological tests\]](#)  
*INTRODUCTION: Despite the importance of Triatoma dimidiata as a vector of...* 22nd October, 2009  
Escuela de Biologia, Facultad de Ciencias, Universidad Industrial de- Biomedica. 2009 Mar;29(1):119-26.
- [The viability change of pigskin in vitro.](#)  
*BACKGROUND: It is widely recognised that take of grafts is strongly...* 20th October, 2009  
Department of Laboratory Animal Science, College of Basic Medicine, Third- Burns. 2009 Oct 14. ([DOI Direct Link](#))
- [Functionality of cryopreserved juvenile ovaries from mutant mice in different genetic background strains after allotransplantation.](#)  
*The rapid expansion of mutant mouse colonies for biomedical research has...* 17th October, 2009  
Department of Farm Animal Health, Faculty of Veterinary Medicine, Utrecht- Cryobiology. 2009 Oct 13. ([DOI Direct Link](#))
- [Impact of Neonatal Antibiotic Treatment on the Biodiversity of the Murine Intestinal Lactobacillus Community.](#)  
*In this study, we investigated the impact of neonatal amoxicillin...* 22nd September, 2009  
Department of Laboratory Animal Science, College of Basic Medical Sciences- Curr Microbiol. 2009 Sep 19. ([DOI Direct Link](#))
- [The role of the alpha 2A-adrenoceptor in mouse stress-coping behaviour.](#)  
*Acute stress is known to impair memory functions in both men and...* 22nd September, 2009  
Department of Animals in Science & Society, Division of Laboratory Animal- Psychoneuroendocrinology. 2009 Sep 17. ([DOI Direct Link](#))

## Laboratory Animal Science Patents:



- 7049426- [Transgenic animals for producing specific isotypes of human antibodies via non-cognate switch regions](#)
- 7239902- [Device and method for monitoring body fluid and electrolyte disorders](#)
- 7256273- [Humanized antibodies that recognize beta amyloid peptide](#)
- 7268112- [Use of insulin for the treatment of cartilaginous disorders](#)
- 7271313- [Presenilin-deficient mouse model of age-dependent neurodegeneration and cognitive loss](#)
- 7277741- [Pulse oximetry motion artifact rejection using near infrared absorption by water](#)

- 7309572- [Growth hormone-regulatable liver genes and proteins, and uses thereof](#)
- 7314619- [Inducing apoptosis using anti-Apo-2 antibodies](#)
- 7339038- [Heparanase specific molecular probes and their use in research and medical applications](#)
- 7344711- [Use of adenoviruses mutated in the VA genes for cancer treatment](#)
- 7348005- [Oral tolerance induction by collagen to prevent allograft rejection](#)
- 7238718- [Method for treating myolytic disease and method for screening antimyolytic agent](#)
- 7236811- [Device and method for monitoring body fluid and electrolyte disorders](#)
- 7211105- [Method for determining the effective thermal mass of a body or organ using a cooling catheter](#)
- 7060437- [Growth hormone-regulatable brown adipose tissue genes and proteins and uses thereof](#)
- 7081562- [Model animal with favorite onset or rheumatoid arthritis](#)
- 7083648- [Tissue lockable connecting structures](#)
- 7101554- [Picornaviruses, vaccines and diagnostic kits](#)
- 7132395- [Antiviral methods using human rhinovirus receptor \(ICAM-1\)](#)
- 7176239- [Methods and compositions for treatment of Ataxia-telangeictasia](#)
- 7179892- [Humanized antibodies that recognize beta amyloid peptide](#)
- 7179964- [Transgenic plants with elevated thioredoxin levels](#)
- 7189819- [Humanized antibodies that recognize beta amyloid peptide](#)
- 7202340- [No-modified hemoglobins and uses therefor](#)
- 7357933- [Sporoderm-broken germination-activated ganoderma lucidum spores for protection of dopaminergic neurons and treatment of Parkinson's disease](#)
- 7365155- [Immunoregulator](#)
- 7575877- [Method of diagnosing tuberculosis](#)
- 7575880- [Method of screening an antibody for activity in clearing an amyloid deposit](#)
- 7582733- [Humanized antibodies that recognize beta amyloid peptide](#)
- 7588766- [Treatment of amyloidogenic disease](#)
- 7592326- [Method for stimulating the immune, inflammatory or neuroprotective response](#)
- 7592439- [Method for making monoclonal antibodies and cross-reactive antibodies obtainable by the method](#)
- 7592501- [Methods for maintaining genetic stability of inbred animal strains](#)
- 7595046- [Treatment of cancer using anti-Apo-2 antibodies](#)
- 7595430- [Methods and animal model for analyzing age-related macular degeneration](#)
- 7608392- [Diagnostic assay for measuring a cell mediated immune response](#)
- 7569555- [Method for stimulating the immune, inflammatory or neuroprotective response](#)
- 7547817- [Transgenic animals for producing specific isotypes of human antibodies via non-cognate switch regions](#)
- 7537931- [Humanized anti-ERBB2 antibodies and treatment with anti-ERBB2 antibodies](#)
- 7402322- [Methods of treatment for septic shock with urine extract](#)
- 7429481- [Targeting viruses using a modified sindbis glycoprotein](#)
- 7439329- [GEF-H1b: biomarkers, complexes assays and therapeutic uses thereof](#)
- 7446239- [SCA2 knockout animal and methods of use](#)
- 7456160- [Formulation](#)
- 7458984- [System and method for inducing hypothermia with active patient temperature control employing catheter-mounted temperature sensor and temperature projection algorithm](#)
- 7485302- [Treatment with anti-ErbB2 antibodies and chemotherapeutic agents](#)
- 7488865- [Urocortin-deficient mice and uses thereof](#)
- 7498030- [Treatment with anti-ErbB2 antibodies and anti-hormonal compounds](#)
- 7501122- [Treatment with anti-ErbB2 antibody combinations](#)
- 7618631- [Treatment with anti-ErbB2 antibodies and EGFR-targeted drugs](#)

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