

# Korea Research Institute of Bioscience and Biotechnology

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## Recent Publications by Korea Research Institute of Bioscience and Biotechnology:



- [ChimerDB 2.0--a knowledgebase for fusion genes updated.](#)  
*Chromosome translocations and gene fusions are frequent events in the...*13th November, 2009  
Division of Life and Pharmaceutical Sciences, Ewha Research Center for- Nucleic Acids Res. 2009 Nov 11. ([DOI Direct Link](#))
- [Multifunctional perfluorocarbon nanoemulsions for \(19\)F-based magnetic resonance and near-infrared optical imaging of dendritic cells.](#)  
*A novel type of bimodal imaging nanoprobe based on (19)F-based magnetic...*12th November, 2009  
BioNanotechnology Research Center, Korea Research Institute of Bioscience- Chem Commun (Camb). 2009 Dec 7;(45):6952-4. Epub 2009 Oct 16. ([DOI Direct Link](#))
- [Template-blocking PCR: An advanced PCR technique for genome walking.](#)  
*This report describes the development of an improved method for the...*12th November, 2009  
Industrial Biotechnology and Bioenergy Research Center, Korea Research- Anal Biochem. 2009 Nov 7. ([DOI Direct Link](#))
- [Pontibaca methylaminivorans gen. nov., sp. nov., a novel member of the family Rhodobacteraceae.](#)  
*The novel Alphaproteobacteria strains GRP21T and PH34, which were formerly...*10th November, 2009  
Korea Research Institute of Bioscience and Biotechnology.- Int J Syst Evol Microbiol. 2009 Nov 6. ([DOI Direct Link](#))
- [Exogenous sucrose utilization and starch biosynthesis among sweetpotato cultivars.](#)

*Three sweetpotato cultivars were investigated for their starch content and...* 10th November, 2009  
Environmental Biotechnology Research Center, Korea Research Institute of- Carbohydr Res. 2009 Aug 27. ([DOI Direct Link](#))

- [Multiplexed Imaging of Therapeutic Cells with Multispectrally Encoded Magnetofluorescent Nanocomposite Emulsions.](#)  
*Here, we describe the fabrication of multispectrally encoded nanoprobe...* 10th November, 2009  
BioNanotechnology Research Center, Korea Research Institute of Bioscience- J Am Chem Soc. 2009 Nov 6. ([DOI Direct Link](#))
- [p21\(Cip1\) regulation by ERK2: A post-translational mechanism that relays a proliferation signal.](#)  
*Here, we describe the fabrication of multispectrally encoded nanoprobe...* 4th November, 2009  
Laboratory of Cell Signaling, Aging Research Center, Korea Research- Cell Cycle. 2009 Nov 31;8(22).
- [Multi-Immunogenic Outer Membrane Vesicles Derived from an MsbB Deficient Salmonella enterica Serovar Typhimurium Mutant.](#)  
*To develop low endotoxic and multi-immunogenic outer membrane vesicles...* 4th November, 2009  
The National Primate Research Center (NPRC), Korea Research Institute of- J Microbiol Biotechnol. 2009 Oct;19(10):1271-9.
- [Clitocybin D, a Novel Human Neutrophil Elastase Inhibitor from the Culture Broth of Clitocybe aurantiaca.](#)  
*Clitocybin D, a novel human neutrophil elastase inhibitor, was isolated...* 4th November, 2009  
Korea Research Institute of Bioscience and Biotechnology, Daejeon 305-806,- J Microbiol Biotechnol. 2009 Oct;19(10):1139-41.
- [Generation of donor natural killer cells from CD34\(+\) progenitor cells and subsequent infusion after HLA-mismatched allogeneic hematopoietic cell transplantation: a feasibility study.](#)  
*Post transplant infusion of donor-type natural killer (NK) cells has been...* 3rd November, 2009  
Cell Therapy Research Center, Korea Research Institute of Bioscience and- Bone Marrow Transplant. 2009 Nov 2. ([DOI Direct Link](#))
- [Near-infrared emitting fluorescent nanocrystals-labeled natural killer cells as a platform technology for the optical imaging of immunotherapeutic cells-based cancer therapy.](#)  
*This study describes the development of near-infrared optical imaging...* 31st October, 2009  
BioNanotechnology Research Center, Korea Research Institute of Bioscience- Nanotechnology. 2009 Nov 25;20(47):475102. Epub 2009 Oct 29. ([DOI Direct Link](#))
- [Proteomic analysis of porcine pancreas development.](#)  
*Porcine pancreas development is not well studied at the molecular level...* 31st October, 2009  
Aging Research Center, Korea Research Institute of Bioscience and- BMB Rep. 2009 Oct 31;42(10):661-6.
- [Circadian amplitude of cryptochrome 1 is modulated by mRNA stability regulation via cytoplasmic hnRNP D oscillation.](#)  
*The mammalian circadian rhythm is observed not only at the suprachiasmatic...* 28th October, 2009  
Department of Life Science, Division of Molecular and Life Science, Pohang- Mol Cell Biol. 2009 Oct 26. ([DOI Direct Link](#))
- [Crystal structure of ED-Eya2: insight into dual roles as a protein tyrosine phosphatase and a transcription factor.](#)  
*Eya proteins are transcription factors that play pivotal roles in organ...* 28th October, 2009  
\*Medical Proteomics Research Center, BioNanotechnology Research Center,- FASEB J. 2009 Oct 26. ([DOI Direct Link](#))
- [Thalassobacillus hwangdonensis sp. nov., isolated from a tidal flat sediment.](#)  
*A Gram-positive, endospore-forming, motile and rod-shaped bacterial...* 27th October, 2009  
Korea Research Institute of Bioscience and Biotechnology.- Int J Syst Evol Microbiol. 2009 Oct 23. ([DOI Direct Link](#))

**Press Releases on Korea Research Institute of Bioscience and Biotechnology:**

<a href="#">Wound Management Technologies (OTCBB: WNDM) Reports Revenue Increase of 33.5%; Posts Evidence-Based Studies for CellerateRx; and Business Update</a>	23rd November, 2009	Wound Management Technologies, Inc.	<i>FORT WORTH, Texas, Nov. 23 /PRNewswire-FirstCall/ -- Wound Management Technologies, Inc., (OTC Bulletin Board: WNDM) a rapidly growing provider of specialty medical products, announced that it has</i>
<a href="#">Ann Taylor Stores Corp. Returns To St. Jude Children&amp;apos;s Research Hospital&amp;apos;s Thanks and Giving Campaign(R) For The Third Year</a>	23rd November, 2009	Ann Taylor Stores Corp.	<i>NEW YORK, Nov. 23 /PRNewswire-FirstCall/ -- Ann Taylor Stores Corp. announced today that it will return again this year as a partner for the 6th annual Thanks and Giving campaign, a holiday</i>
<a href="#">Reported Use of AMAG&amp;apos;s Feraheme (ferumoxytol) Continues To Be Low, But a Number of Nephrologists Are &amp;apos;On the Verge&amp;apos; of Use</a>	23rd November, 2009	BioTrends Research Group, Inc.	<i>EXTON, Pa., Nov. 23 /PRNewswire/ -- BioTrends Research Group, Inc. released Wave 2 of its LaunchTrends(TM): Feraheme report, the second in a multi-phase syndicated market research project tracking the</i> <i>LANSING, Mich., Nov. 23 /PRNewswire-FirstCall/ --</i>
<a href="#">Richard T. Crowder Joins Neogen&amp;apos;s Board of Directors</a>	23rd November, 2009	Neogen Corporation	<i>Neogen Corporation (Nasdaq: NEOG) announced today that Richard T. Crowder, Ph.D., was elected to Neogen&amp;apos;s Board of Directors at the company&amp;apos;</i>
<a href="#">Fort Hood Tragedy: Fatal Failure of Information Systems Structure</a>	23rd November, 2009	Gilchrist Institute for the Achievement Sciences	<i>BRONXVILLE, N.Y., Nov. 23 /PRNewswire/ -- The Fort Hood tragedy is an example of how critical information can be disregarded or overlooked. "Individuals within the military and the FBI had</i>

**Korea Research Institute of Bioscience and Biotechnology Patents:**



- 6133311- [Method for preventing or treating elevated blood lipid level-related diseases by administering natural phenolic compounds](#)
- 6645962- [Process of using prodigiosin as an immunosuppressive](#)
- 6649748- [Peroxidase genomic gene derived from ipomoea batatas and a promoter thereof](#)
- 6770671- [7,8-dihydro-xanthenone-8-carboxylic acid derivative and novel microbe producing the same](#)
- 6808724- [Artemisolide compound isolated from the aerial parts of Artemisia sylvatica, isolation method, and use thereof](#)
- 6808909- [Thermostable phytase with 2.1 .ANG. . . . crystal structure](#)
- 6809084- [Compositions containing polysaccharides from phellinus linteus and methods for treating diabetes mellitus using same](#)
- 6841368- [Enzymatic production of difructose dianhydride IV from sucrose and relevant enzymes and genes coding for them](#)
- 6894073- [Use of diterpene compound as a therapeutic agent of inflammation, immune disease or cancer](#)
- 6638968- [Use of prodigiosin for treating diabetes mellitus](#)
- 6620938- [Compounds that inhibit GRB2-SHC binding and process for preparing same](#)
- 6616754- [Segregation reducing agent consisting of curdlan and alkaline solution and hydraulic composition containing the segregation reducing agent](#)
- 6204040- [Gluconobacter suboxydans sorbitol dehydrogenase, genes and methods of use thereof](#)
- 6221357- [Flavonoids derived from citrus peels as collagen-induced platelet aggregation inhibitor](#)
- 6387948- [8-Acetylarteminolide and process for preparing same](#)
- 6410706- [Nucleic acid encoding chitin-binding receptor kinase](#)
- 6451846- [Isocoumarin derivatives inhibiting angiogenesis](#)
- 6455577- [Flavanone derivatives and composition for preventing or treating blood lipid level-related diseases comprising same](#)
- 6509372- [Method for preventing or treating elevated blood lipid level-related diseases by administering rutin and quercetin](#)
- 6562866- [Method for preventing or treating elevated blood lipid level-related diseases by administering rutin and quercetin](#)
- 6949682- [Cinnamaldehyde derivatives inhibiting growth of tumor cell and regulating cell cycle, preparations and pharmaceutical compositions thereof](#)
- 6967087- [Obligately symbiotic thermophile symbiobacterium toebii SC-1 producing thermostable L-tyrosine phenol-lyase and L-tryptophan indole-lyase and a method for screening its relative bacteria](#)
- 7388127- [Multiple stress-inducible peroxidase promoter derived from Ipomoea batatas](#)
- 7413858- [Identification method of genus Streptomyces by using groEL2 gene](#)
- 7416880- [Metarhizium genus microorganism and the method for controlling the soil pests using the same](#)
- 7425438- [Vector for anti-HPV vaccine and transformed microorganism by the vector](#)
- 7432353- [Fluorescent indicator proteins](#)
- 7435411- [Paecilomyces genus microorganism and microbial insecticide for controlling the soil pests containing the same](#)
- 7491415- [Fungicides compositions comprising the extract of Chloranthus henryi and a novel sesquiterpene compound isolated from them](#)
- 7534456- [Agastache rugosa extract and composition containing tilianin isolated and purified from said extract having anti-inflammatory activity and anti-atherogenic activity](#)
- 7387895- [Monoclonal antibody specific for PPAR gamma, hydridoma cell line producing the same, and method for detecting regulator related to diseases, including inflammation, cancer and metabolic diseases, using the same](#)
- 7323328- [Obligately symbiotic thermophile Symbiobacterium toebii SC-1 producing thermostable L-tyrosine phenol-lyase and L-tryptophan indole-lyase](#)
- 7309504- [Extract of Acanthopanax koreanum for the treatment or prevention of hepatitis or the liver protective drug](#)
- 7049097- [Antibiotics-independent vector for constant high-expression and method for gene expression](#)

[using the same](#)

- 7060714- [Fungal strain acremonium sp.MT70646\(KCTC 0916BP\), novel compounds produced by this strain and their use](#)
- 7083969- [Serratia marcescens strain](#)
- 7118914- [Method for producing human lactoferrin in plant cell culture](#)
- 7132273- [Cell wall anchor proteins derived from yeast, genes thereof and cell surface expression systems using the same](#)
- 7223582- [Esterase, its DNA, its overexpression and production of optically active aryl propionic acids using the same](#)
- 7250432- [Pharmaceutical compositions of diaryl-isoxazole derivatives for the prevention and treatment of cancers](#)
- 7262287- [Hansenula polymorpha yapsin deficient mutant strain and process for the preparation of recombinant proteins using the same](#)
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