

The University of Alberta

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The University of Alberta is situated in the heart of City of Edmonton in a scenic area on the south bank of the North Saskatchewan River. Edmonton, the capital city of the province of Alberta, has a greater area population of about 875,000 and is known for its expansive park system that runs through the city. Edmonton has cold, but sunshine-filled winters and very pleasant summers. It is located only a few hours drive from the Banff and Jasper National Parks, which offer excellent skiing in the winter and excellent hiking and sightseeing in the summer.

Recent Publications by The University of Alberta:



- [A Systematic Review of the Reliability of Rehabilitative Ultrasound Imaging for the Quantitative Assessment of the Abdominal and Lumbar Trunk Muscles.](#)
STUDY DESIGN.: Systematic review. *OBJECTIVE.:* To systematically review the...21st November, 2009
From the *The University of Utah, College of Health, Salt Lake City, UT;- Spine (Phila Pa 1976). 2009 Nov 1;34(23):E848-E856. ([DOI Direct Link](#))
- [Synthesis and antibacterial activity of aminosugar-functionalized intercalating agents.](#)
*A series of previously reported amino sugar-functionalized intercalating...*21st November, 2009
Alberta Ingenuity Centre for Carbohydrate Science and Department of- Carbohydr Res. 2009 Oct 20. ([DOI Direct Link](#))
- [I CanFly-can you?: The 10th Canadian Drosophila Research Conference, Jasper/Edmonton, Alberta, Canada.](#)
*The 10(th) CanFly (Canadian Drosophila Research Conference) meeting took...*11th November, 2009
Department of Medical Microbiology and Immunology, The University of- Fly (Austin). 2009 Oct 9;3(4).
- [Characterization of a bifunctional pyranose-furanose mutase from campylobacter JEJUNI 11168.](#)

- UDP-galactopyranose mutases (UGM) are the enzymes responsible for the...*6th November, 2009
The University of Alberta, Canada.- J Biol Chem. 2009 Nov 3. ([DOI Direct Link](#))
- [Synthesis and DNA-binding affinity studies of glycosylated intercalators designed as functional mimics of the anthracycline antibiotics.](#)
*Anthracycline antibiotics such as daunomycin (Dauno) and doxorubicin (Dox)...*6th November, 2009
Alberta Ingenuity Centre for Carbohydrate Science and Department of- Org Biomol Chem. 2009 Sep 21;7(18):3709-22. Epub 2009 Jul 17. ([DOI Direct Link](#))
 - [Synthesis of monodeoxy and mono-O-methyl congeners of methyl beta-D-mannopyranosyl-\(1-->2\)-beta-D-mannopyranoside for epitope mapping of anti-Candida albicans antibodies.](#)
*A panel of six complementary monodeoxy and mono-O-methyl congeners of...*27th October, 2009
Alberta Ingenuity Centre for Carbohydrate Science and Department of- Carbohydr Res. 2009 Aug 17;344(12):1397-411. Epub 2009 Jul 25. ([DOI Direct Link](#))
 - [Recent advances in mycobacterial cell wall glycan biosynthesis.](#)
*The cell wall of mycobacteria, including the causative agents of the human...*7th October, 2009
Alberta Ingenuity Centre for Carbohydrate Science and Department of- Curr Opin Chem Biol. 2009 Oct 3. ([DOI Direct Link](#))
 - [Recent advances in the synthesis of 2-deoxy-glycosides.](#)
*Glycosides of 2-deoxy-sugars, monosaccharides in which the hydroxyl group...*1st September, 2009
Alberta Ingenuity Centre for Carbohydrate Science and Department of- Carbohydr Res. 2009 Oct 12;344(15):1911-40. Epub 2009 Aug 3. ([DOI Direct Link](#))
 - [2,3-Anhydrosugars in glycoside bond synthesis: mechanism of 2-deoxy-2-thioaryl glycoside formation.](#)
*A series of investigations probing the mechanism of the 2,3-anhydrosugar...*26th August, 2009
Alberta Ingenuity Centre for Carbohydrate Science and Department of- J Am Chem Soc. 2009 Sep 16;131(36):12937-48. ([DOI Direct Link](#))
 - [Early risk determinants and later health outcomes: implications for research prioritization and the food supply. Summary of the workshop.](#)
*The International Life Sciences Institute North American Branch, in...*15th May, 2009
Alberta Institute for Human Nutrition, the Department of Agricultural,- Am J Clin Nutr. 2009 May;89(5):1533S-1539S. Epub 2009 Mar 11. ([DOI Direct Link](#))
 - [Synthesis of monodeoxy and mono-O-methyl congeners of methyl beta-D-mannopyranosyl-\(1-->2\)-beta-D-mannopyranoside for epitope mapping of anti-Candida albicans antibodies.](#)
*A panel of six complementary monodeoxy and mono-O-methyl congeners of...*13th May, 2009
Alberta Ingenuity Centre for Carbohydrate Science and Department of- Carbohydr Res. 2009 Mar 31;344(5):555-69. Epub 2008 Dec 24. ([DOI Direct Link](#))
 - [Body mapping: embodying the self living with HIV/AIDS.](#)
*A panel of six complementary monodeoxy and mono-O-methyl congeners of...*5th May, 2009
Arts and Humanities in Health and Medicine Program, Faculty of Medicine- CMAJ. 2009 Mar 31;180(7):740-1. ([DOI Direct Link](#))
 - [2,3-Anhydrosugars in glycoside bond synthesis. Application to 2,6-dideoxypyranosides.](#)
*We describe here the first use of 2,3-anhydrosugars as glycosylating...*1st May, 2009
Alberta Ingenuity Centre for Carbohydrate Science and Department of- J Org Chem. 2009 Mar 20;74(6):2278-89. ([DOI Direct Link](#))
 - [Combined structural and neurochemical evaluation of the corticospinal tract in amyotrophic lateral sclerosis.](#)
*Our objective was to characterize the structural and metabolic changes of...*27th February, 2009
The Faculty of Medicine and Dentistry, The University of Alberta.- Amyotroph Lateral Scler. 2009 Apr 16;1-9. ([DOI Direct Link](#))

Press Releases on The University of Alberta:

Quantros Licenses Adverse Event Identification Technology from University of Michigan	24th November, 2009	Quantros	SAN FRANCISCO, Nov. 24 /PRNewswire/ -- Quantros, a leading healthcare analytics and decision support software and services provider, announced today that it has licensed intellectual property and
Baylor Sammons Cancer Center Joins One of Nation's Largest Cancer Clinical Trials Groups	24th November, 2009	Baylor Health Care System	DALLAS, Nov. 24 /PRNewswire-USNewswire/ -- The Baylor Charles A. Sammons Cancer Center has become a full member of one of the largest cancer clinical trials cooperative groups in the United States.
Sky Foundation, Inc. Raises More Than \$100,000 to Find a Test for Early Detection of Pancreatic Cancer	24th November, 2009	Sky Foundation, Inc.	BLOOMFIELD HILLS, Mich., Nov. 24 /PRNewswire/ -- Sky Foundation, Inc., a non-profit foundation dedicated to raising \$500,000 to fund research to develop a blood test for the early detection of
Two Major Universities Join Nation's Leading Postgrad Bio Job Board	24th November, 2009	Bio Career Center	SANTA CRUZ, Calif., Nov. 24 /PRNewswire/ -- Two more prestigious universities have joined Bio Career Center, the nation's leading online job board and careers site for life science professionals.
Dr. Sanjaya Kumar's Trade Mission From the Heart	24th November, 2009	Quantros	SAN FRANCISCO, Nov. 24 /PRNewswire/ -- Dr. Sanjaya Kumar's passion is working to make healthcare safer worldwide. Later this week, as part of a San Francisco-Bangalore trade trip, he'll

BioNews Results for The University of Alberta



- ['The Pill' May Reduce Asthma Symptoms](#)
National Womens Health Information Center: Nov 13 2009 4:45PM Matching: university alberta
- ['The Pill' May Reduce Asthma Symptoms](#)
KSLA: Nov 13 2009 2:51PM Matching: university alberta
- [New Option Could Regrow Discs In Spine Without Surgery](#)
NewsChannel 5: Nov 13 2009 8:57AM Matching: university alberta
- [Lack of Math1 gene steals newborns' breath](#)

- Media Newswire: Nov 12 2009 5:57PM Matching: university alberta*
- [Cyclophosphamide, Epirubicin, and Fluorouracil Versus Dose-Dense Epirubicin and Cyclophosphamide Followed by P](#)
Journal of Clinical Oncology: Nov 11 2009 8:38PM Matching: university alberta
 - [Why is Canada Changing Its Flu Vaccine Policy?](#)
Food Consumer: Nov 11 2009 5:31PM Matching: university alberta
 - [Cell transplants offer best hope for diabetes cure](#)
Times Colonist: Nov 11 2009 3:39PM Matching: university alberta
 - [Cell transplants offer best hope for diabetes cure](#)
Regina Leader-Post: Nov 11 2009 8:36AM Matching: university alberta
 - [Four Postdoctoral Fellow Positions EUR Synchrotron Medical Imaging](#)
Nature: Nov 10 2009 6:14PM Matching: university alberta
 - [Medical News: Having Mental Illness Does Not Make People More Accepting, Research Shows](#)
BioFind: Nov 10 2009 12:39PM Matching: university alberta
 - [Having Mental Illness Does Not Make People More Accepting, Research Shows](#)
Medical News Today: Nov 10 2009 8:44AM Matching: university alberta
 - [Cell transplants offer best hope for diabetes cure](#)
National Post: Nov 10 2009 8:19AM Matching: university alberta
 - [Researchers from University of Alberta discuss findings in intensive care medicine](#)
Pharmacy Choice: Nov 9 2009 3:31PM Matching: university alberta
 - [University of Alberta: Exercise is good medicine for lymphoma patients](#)
NewsRX: Nov 9 2009 7:47AM Matching: university alberta
 - [Pfizer Canada announces Canadian cardiovascular research award recipients](#)
Bioscience World/Biotechnology Focus: Nov 7 2009 12:59PM Matching: university alberta

The University of Alberta Patents:



- 6670160- [.alpha.1,2-fucosyltransferase](#)
- 6900021- [Microfluidic system and methods of use](#)
- 6919382- [Preparation and uses of conjugated solid supports for boronic acids](#)
- 6936458- [Isolated DNA comprising one or more genes specific for 5S clavam biosynthesis, vectors comprising such DNA and streptomyces hosts capable of improved clavulanic acid production](#)
- 6949533- [6,7-Oxygenated steroids and uses related thereto](#)
- 6959815- [Selective reactive oily bubble carriers in flotation processes and methods of generation and uses thereof](#)
- 6962806- [.alpha.-1,3 fucosyltransferases and expression systems for making and expressing them](#)
- 7014941- [Electrode catalyst for H.sub.2S fuel cells](#)
- 7029891- [.alpha.1,3-fucosyltransferase](#)
- 7067682- [6,7-Oxygenated steroids and uses related thereto](#)
- 7074828- [Compounds that stimulate glucose utilization and methods of use](#)
- 6881506- [Radiant and convective heat resistant materials and emergency fire shelter made therefrom](#)
- 6875753- [Methods for cell mobilization using in vivo treatment with hyaluronan \(HA\)](#)
- 6872806- [Polypeptide compositions formed using a coiled-coil template and methods of use](#)
- 6686491- [Aluminum complexes for olefin polymerization](#)

- 6696532- [Phosphinimine methanide transition metal catalysts](#)
- 6750303- [Functional organic particles for catalysts supports](#)
- 6759863- [Wireless radio frequency technique design and method for testing of integrated circuits and wafers](#)
- 6767465- [Process for treating fine coal particles](#)
- 6767545- [Pseudomonas treatment composition and method](#)
- 6797409- [Electrodeposition process and a layered composite material produced thereby](#)
- 6833483- [Process for production of alcohols](#)
- 6852843- [Phosphorus supported carbene transition metal complexes](#)
- 6861233- [Method of screening for triacylglycerol hydrolase inhibitors](#)
- 7084083- [Radiant and convective heat resistant material](#)
- 7090982- [Methods of predicting therapeutic efficacy of treatment of a multiple sclerosis patient](#)
- 7344869- [Isolated DNA comprising one or more genes specific for 5S clavam biosynthesis, vectors comprising such DNA and Streptomyces hosts capable of improved clavulanic acid production](#)
- 7368429- [Peptide specificity of anti-myelin basic protein and the administration of myelin basic protein peptides to multiple sclerosis patients](#)
- 7390937- [Plants with enhanced levels of nitrogen utilization proteins in their root epidermis and uses thereof](#)
- 7431856- [Nano-tip fabrication by spatially controlled etching](#)
- 7432247- [Methods of cardioprotection using dichloroacetate in combination with an inotrope](#)
- 7446100- [Methods for cell mobilization using in vivo treatment with hyaluronan \(HA\)](#)
- 7473706- [Compounds that stimulate glucose utilization and methods of use](#)
- 7504212- [Cancer monitoring and therapeutics](#)
- 7524655- [Synthesis of oligosaccharides, glycolipids, and glycoproteins using bacterial glycosyltransferases](#)
- 7524885- [Compounds that stimulate glucose utilization and methods of use](#)
- 7338587- [Electrochemical process for oxidation of alkanes to alkenes](#)
- 7326770- [H. pylori fucosyltransferases](#)
- 7312611- [Apparatus and method for trapping bead based reagents within microfluidic analysis systems](#)
- 7094578- [.alpha.1,2 fucosyltransferase](#)
- 7128207- [Emergency fire shelter storage system](#)
- 7133579- [High-speed magneto-optic modulator](#)
- 7142613- [Methods, systems and devices for generating pulse shapes](#)
- 7166449- [.alpha.1,3-fucosyltransferase](#)
- 7211702- [Process for production of alcohols](#)
- 7235702- [Process for production of alcohols](#)
- 7262272- [Polypeptide compositions formed using a coiled-coil template and methods of use](#)
- 7279292- [Methods for diagnosis of low grade astrocytoma](#)
- 7304403- [Power signaling based technique for detecting islanding conditions in electric power distribution systems](#)
- 7566470- [Grain fractionation methods and products](#)

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