

logen

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Established in the 1970s, logen Corporation has become one of Canada's leading biotechnology firms. logen is an industrial manufacturer of enzyme products with a focus on products for use by the pulp and paper, textile and animal feed industries. It also is the world leader in technology to produce cellulose ethanol, a fully renewable, advanced biofuel that can be used in today's cars.

logen is a privately held company, based in Ottawa, Ontario, Canada, with a rapidly growing work force. Public and private investment in logen has totaled approximately \$130 million over the past 25 years. Major investors include the Royal Dutch/Shell Group, Petro-Canada and the Government of Canada. logen employs a staff of approximately 180 people, with over half involved in research and development, and engineering; one fifth in manufacturing; and the balance in sales, marketing, and administration.

Cellulose Ethanol is Ready to Go

Cellulose ethanol can significantly:

lower overall greenhouse gas (GHG) emissions

reduce reliance on imported oil and increase energy security

help build rural economies and improve farm income

Cellulose ethanol is one of the most cost effective ways to reduce GHGs and gasoline consumption in road transport and can deliver benefits similar to improved vehicle efficiency.

logen built and operates the world's only demonstration scale facility to convert biomass to cellulose ethanol using enzyme technology. This facility is located in Ottawa. logen is currently assessing potential locations for the world's first commercial prototype cellulose ethanol plant.

In the long-term, logen intends to commercialize its cellulose ethanol process by licensing its technology broadly through turnkey plant construction partnerships. License fees and the supply of enzymes to the licensees' plants will generate income.

Recent Publications by logen:



- [Introduction to session 4.](#)
*The regulation of gene expression by the tetracycline system has attracted...*26th June, 2008
Iogen Corp., Otfowa, Ontario, Canada.- Appl Biochem Biotechnol. 1998 Spring;70-72:805-6. ([DOI Direct Link](#))
- [The small domain of cytochrome f from the psychrophile Chlamydomonas raudensis UWO 241 modulates the apparent molecular mass and decreases the accumulation of cytochrome f in the mesophile Chlamydomonas reinhardtii.](#)
*Cytochrome f from the psychrophile Chlamydomonas raudensis UWO 241 has a...*16th January, 2008
Department of Biology and The Biotron, University of Western Ontario,- Biochem Cell Biol. 2007 Oct;85(5):616-27. ([DOI Direct Link](#))
- [Systems biology of AGC kinases in fungi.](#)
*Sch9 appears to be the Saccharomyces cerevisiae homolog of protein kinase...*13th October, 2006
Iogen Corporation, 310 Hunt Club Road East, Ottawa, Ontario, K1V 1C1,- Sci STKE. 2006 Sep 12;2006(352):re9. ([DOI Direct Link](#))

BioNews Results for Iogen



- [Symbollon Pharmaceuticals, Inc.: Symbollon Initiates Sales of Iogen Through Web Site BuyIogen.com](#)
Market Wire: Nov 19 2008 5:52PM Matching: Iogen
- [Symbollon Pharmaceuticals Announces Third Quarter 2008 Results](#)
Genetic Engineering News: Nov 14 2008 10:31PM Matching: Iogen
- [Symbollon Pharmaceuticals Announces Third Quarter 2008 Results](#)
NewsBlaze: Nov 14 2008 10:07PM Matching: Iogen
- [Symbollon Pharmaceuticals Announces Third Quarter 2008 Results](#)
Market Wire: Nov 14 2008 9:58PM Matching: Iogen
- [Symbollon Pharmaceuticals, Inc.: Symbollon Pharmaceuticals Announces Third Quarter 2008 Results](#)
Market Wire: Nov 14 2008 9:14PM Matching: Iogen
- [Symbollon Pharmaceuticals Announces Third Quarter 2008 Results](#)
Calibre Macro World: Nov 14 2008 9:00PM Matching: Iogen

Iogen Patents:



- 7456005- [Modified xylanases exhibiting improved expression](#)
- 5755928- [Method for automated monitoring of pulp retention time using an iodide salt as a tracer](#)
- 5866407- [Method and enzyme mixture for improved depilling of cotton goods](#)
- 5916780- [Pretreatment process for conversion of cellulose to fuel ethanol](#)
- 5916799- [Protease-Treated and purified cellulase compositions and methods for reducing backstaining during enzymatic stonewashing](#)
- 5970805- [Fiber sampling device](#)

- 6015703- [Genetic constructs and genetically modified microbes for enhanced production of beta-glucosidase](#)
- 6017420- [Apparatus for automated monitoring of pulp retention time using an iodine salt tracer](#)
- 6090595- [Pretreatment process for conversion of cellulose to fuel ethanol](#)
- 6273994- [Method and device for measuring bleach requirement, bleachability, and effectiveness of hemicellulase enzyme treatment of pulp](#)
- 6939704- [Enhanced expression of proteins in genetically modified fungi](#)
- 7198925- [Pre-treatment of bales of feedstock](#)
- 7320741- [Method of xylanase treatment in a chlorine dioxide bleaching sequence](#)
- 7368036- [Xylanase treatment of chemical pulp](#)
- 7419809- [Method for glucose production with a modified cellulase mixture](#)
- 5700686- [Protease-treated and purified cellulase compositions and methods for reducing backstaining during enzymatic stonewashing](#)

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- the option to add a corporate logo
- the creation of high value URL links back to your organization's website which will improve search engine ranking - resulting in increased site traffic
- the option have your press releases published on BioPortfolio and distributed via our BioNewsCast service
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