

# Chromos Molecular Systems Incorporated

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Chromos Molecular Systems Inc. ("CHROMOS"; TSE: CHR) is a public Canadian biotechnology company leading the development of innovative therapies using a proprietary gene delivery and expression system for the production of therapeutic proteins and cell-mediated gene therapies to treat disease.

Chromos is achieving this objective with a unique mammalian chromosome technology platform from which multiple product candidates can be developed. Chromos' technology, referred to as The ACE System, is a unique and powerful vehicle for carrying genes into cells. It offers competitive advantages over current systems in that it permits the rapid and efficient insertion of selected genes, allows for the long term and stable expression of large, single or multiple proteins, and provides a means to selectively and predictably control protein expression. Furthermore, this technology has an extremely large DNA carrying capacity, allowing the placement of large genes and large genomic fragments.

## Recent Publications by Chromos Molecular Systems Incorporated:



- [Chromosomal engineering.](#)  
*Artificial chromosomes (ACs) are engineered chromosomes with defined...* 16th January, 2008  
Chromos Molecular Systems Inc., 8081 Lougheed Highway, Burnaby, BC, Canada- *Curr Opin Biotechnol.* 2007 Oct;18(5):420-4. Epub 2007 Oct 30. ([DOI Direct Link](#))
- [Transgene expression after stable transfer of a mammalian artificial chromosome into human hematopoietic cells.](#)  
*OBJECTIVE: The transfer of mammalian artificial chromosomes (MACs) to...* 4th February, 2006  
Chromos Molecular Systems, Inc., British Columbia, Canada.- *Exp Hematol.* 2005 Dec;33(12):1470-6. ([DOI Direct Link](#))
- [Transfer and stable transgene expression of a mammalian artificial chromosome into bone marrow-derived human mesenchymal stem cells.](#)

*Mammalian artificial chromosomes (ACEs) transferred to autologous adult...*5th October, 2005  
 Chromos Molecular Systems Inc., Burnaby, British Columbia, Canada.- *Stem Cells*. 2004;22(3):324-33.  
 ([DOI Direct Link](#))

- [A mammalian artificial chromosome engineering system \(ACE System\) applicable to biopharmaceutical protein production, transgenesis and gene-based cell therapy.](#)

*Mammalian artificial chromosomes (MACs) provide a means to introduce large...*21st December, 2004  
 Chromos Molecular Systems, Inc., 8081 Lougheed Highway, Burnaby, BC,- *Nucleic Acids Res*. 2004  
 Dec 7;32(21):e172. ([DOI Direct Link](#))

- [Pronuclear microinjection of purified artificial chromosomes for generation of transgenic mice: pick-and-inject technique.](#)

*Mammalian artificial chromosomes (ACEs) transferred to autologous adult...*23rd April, 2004  
 Chromos Molecular Systems, Inc, Burnaby, British Columbia, Canada.- *Methods Mol Biol*.  
 2004;240:227-42.

- [Mammalian artificial chromosome pilot production facility: large-scale isolation of functional satellite DNA-based artificial chromosomes.](#)

*BACKGROUND: A pilot production facility has been established to isolate...*20th June, 2000  
 Chromos Molecular Systems, Inc., Vancouver, British Columbia, Canada.- *Cytometry*. 1999 Feb  
 1;35(2):129-33.

## Press Releases on Chromos Molecular Systems

### Incorporated:

<a href="#">Reportlinker Adds European Markets for Dental Dental Growth Factors 2009</a>	23rd November, 2009	Reportlinker	<i>NEW YORK, Nov. 23 /PRNewswire/ -- Reportlinker.com announces that a new market research report is available in its catalogue. European Markets for Dental Dental Growth Factors 2009 <a href="http://www">http://www</a></i>
<a href="#">Reportlinker Adds U.S. Market for PACS and EMR</a>	23rd November, 2009	Reportlinker	<i>NEW YORK, Nov. 23 /PRNewswire/ -- Reportlinker.com announces that a new market research report is available in its catalogue. U.S. Market for PACS and EMR <a href="http://www.reportlinker.com/p0164740/US">http://www.reportlinker.com/p0164740/US</a></i>
<a href="#">Reportlinker Adds Microtomes/Cryostats &amp; Automated Stainers - Global Market Trends</a>	23rd November, 2009	Reportlinker	<i>NEW YORK, Nov. 23 /PRNewswire/ -- Reportlinker.com announces that a new market research report is available in its catalogue. Microtomes/Cryostats &amp; Automated Stainers - Global Market Trends <a href="http://">http://</a></i>
<a href="#">CSC Honors Insurance and Self-Insured Firms at Connect 2009 Conference</a>	23rd November, 2009	CSC	<i>FALLS CHURCH, Va., Nov. 23 /PRNewswire/ -- CSC (NYSE: CSC) today announced that 15 insurance and self-insured organizations received awards for innovation and leadership in the areas of technology,</i>
<a href="#">Reportlinker Adds India Dental Devices Investment Opportunities, Analysis and Forecasts to 2015</a>	23rd November, 2009	Reportlinker	<i>NEW YORK, Nov. 23 /PRNewswire/ -- Reportlinker.com announces that a new market research report is available in its catalogue. India Dental Devices Investment Opportunities, Analysis and Forecasts to</i>



- [Christiana Care First Community Hospital to Submit Samples to Cancer Genome Atlas Project](#)  
*NewsBlaze: Nov 15 2009 12:05AM Matching: molecular systems*
- [Christiana Care First Community Hospital to Submit Samples to Cancer Genome Atlas Project](#)  
*PR Newswire: Nov 12 2009 7:51PM Matching: molecular systems*
- [Christiana Care First Community Hospital to Submit Samples to Cancer Genome Atlas Project](#)  
*Reuters: Nov 12 2009 5:43PM Matching: molecular systems*
- [Christiana Care First Community Hospital to Submit Samples to Cancer Genome Atlas Project](#)  
*RBC Dain Rauscher: Nov 12 2009 5:08PM Matching: molecular systems*
- [Christiana Care First Community Hospital to Submit Samples to Cancer Genome Atlas Project](#)  
*Earthtimes.org: Nov 12 2009 4:56PM Matching: molecular systems*
- [Christiana Care First Community Hospital to Submit Samples to Cancer Genome Atlas Project](#)  
*Houston Chronicle: Nov 12 2009 4:55PM Matching: molecular systems*
- [Christiana Care First Community Hospital to Submit Samples to Cancer Genome Atlas Project](#)  
*Street Insider: Nov 12 2009 4:49PM Matching: molecular systems*
- [Christiana Care First Community Hospital to Submit Samples to Cancer Genome Atlas Project](#)  
*Street Insider: Nov 12 2009 4:48PM Matching: molecular systems*
- [Ten Cancer Research UK scientists become EMBO elect](#)  
*Cancer Research UK: Nov 11 2009 9:09PM Matching: molecular systems*
- [Imaging Diagnostic Systems](#)  
*Medicexchange.com: Nov 11 2009 11:25AM Matching: molecular systems*
- [Researcher, Olympic champion Snell honored with New Zealand knighthood](#)  
*University of Texas: Nov 10 2009 10:11PM Matching: molecular systems*
- [JPK Add A New Member to Their Range of Nano Characterization Systems](#)  
*Research & Development: Nov 10 2009 3:13PM Matching: molecular systems*
- [Ion Torrent, Stealthy Company Tied to Harvards George Church, Nabs \\$23M Venture Deal](#)  
*Xconomy: Nov 6 2009 11:33PM Matching: molecular systems*
- [LabCorp is Scheduled to Present at the Credit Suisse 18th Annual Healthcare Conference](#)  
*Yahoo! Canada: Nov 6 2009 3:02PM Matching: molecular systems*
- [Biosearch Technologies Licenses H1N1 Flu IP from CDC](#)  
*BioFind: Nov 4 2009 7:41PM Matching: molecular systems*

**Chromos Molecular Systems Incorporated Patents:**



- 7294511- [Methods for delivering nucleic acid molecules into cells and assessment thereof](#)
- 6936469- [Methods for delivering nucleic acid molecules into cells and assessment thereof](#)
- 6743967- [Artificial chromosomes, uses thereof and methods for preparing artificial chromosomes](#)
- 6077697- [Artificial chromosomes, uses thereof and methods for preparing artificial chromosomes](#)
- 6025155- [Artificial chromosomes, uses thereof and methods for preparing artificial chromosomes](#)

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