

Genetronics Incorporated

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Genetronics is a drug delivery company specializing in developing technology and hardware which potentially will allow physicians more efficiently and cost-effectively to deliver life-saving drugs or beneficial genes to patients with catastrophic illnesses, including cancer and heart disease. Genetronics is the undisputed technology leader in electroporation, the application of very brief, carefully controlled, pulsed, rotating electric fields to human cells, a process that causes pores to open in the cell membrane and allows pharmaceuticals or genes to gain access to the cell's interior.

Electroporation is a broad-based technology, with many ways to achieve commercial success. Genetronics is developing applications for this technology in the primary areas of oncology, cardiology, gene therapy, transdermal drug delivery and dermatology.

Recent Publications by Genetronics Incorporated:



- [Enhancement of the effectiveness of electroporation-augmented cutaneous DNA vaccination by a particulate adjuvant.](#)
*DNA vaccines are attracting increased attention due to multiple advantages...*22nd December, 2004
Genetronics, Inc., 11199 Sorrento Valley Road, San Diego, CA 92121-1334,- Bioelectrochemistry. 2004 Jun;63(1-2):369-73. ([DOI Direct Link](#))
- [Accelerated immune response to DNA vaccines.](#)
*DNA vaccines offer considerable promise for improvement over conventional...*21st January, 2004
Genetronics, Inc., San Diego, California 92121, USA.- DNA Cell Biol. 2003 Dec;22(12):815-22. ([DOI Direct Link](#))
- [Enhancing the effectiveness of drug-based cancer therapy by electroporation \(electropermeabilization\).](#)
*Many conventional chemotherapeutic drugs, as well as DNA for cancer gene...*29th April, 2003
Genetronics, Inc., 11199 Sorrento Valley Road, San Diego CA 92121, USA.- Technol Cancer Res

Treat. 2002 Feb;1(1):71-82.

- [Magnetic resonance studies of laryngeal tumors implanted in nude mice: effect of treatment with bleomycin and electroporation.](#)
Recently, a new type of cancer treatment has been introduced that combines... 10th December, 2002
 Genetronics, Inc., San Diego, CA, USA.- Magn Reson Imaging. 2002 Jun;20(5):389-94.
- [Clinical evaluation of safety and human tolerance of electrical sensation induced by electric fields with non-invasive electrodes.](#)
This paper reports the first clinical safety study of human tolerance of... 5th December, 2002
 Genetronics, Inc., 11199 Sorrento Valley Rd., San Diego, CA 92121-1334,- Bioelectrochemistry. 2002 May 15;56(1-2):233-6.
- [Enhanced delivery of naked DNA to the skin by non-invasive in vivo electroporation.](#)
DNA delivery to skin may be useful for the treatment of skin diseases, DNA... 4th October, 2002
 Department of Research and Development, Genetronics, Inc., San Diego, CA- Biochim Biophys Acta. 2002 Aug 15;1572(1):1-9.
- [Sustained local delivery of heparin to the rabbit arterial wall with an electroporation catheter.](#)
Current methods of local drug delivery frequently fail to achieve a... 20th June, 2000
 Division of Pediatric Cardiology, Case Western Reserve University,- Cathet Cardiovasc Diagn. 1998 Nov;45(3):337-45.

Press Releases on Genetronics Incorporated:

H1N1 Pandemic May Have Peaked in October in U.S., According to Quest Diagnostics	20th November, 2009	Quest Diagnostics Incorporated	<i>-- Rates of positive test results for the pandemic have declined in recent weeks in most regions, with the exception of the Northeast, where rates have more than doubled during</i>
New Hair Data Validate Sharp Downward Trend in Cocaine and Methamphetamine Positivity in General U.S. Workforce. According to Quest Diagnostics Drug Testing Index(TM)	20th November, 2009	Quest Diagnostics Incorporated	<i>MADISON, N.J., Nov. 20 /PRNewswire-FirstCall/ -- New data released today by Quest Diagnostics Incorporated (NYSE: DGX), the nation's leading provider of employment-related drug testing services,</i>
Spherix Announces the Closing of \$6.3 Million Registered Direct Offering	19th November, 2009	Spherix Incorporated	<i>BETHESDA, Md., Nov. 19 /PRNewswire-FirstCall/ -- Spherix Incorporated (Nasdaq: SPEX), an innovator in biotechnology for diabetes therapy, and a provider of technical and regulatory consulting</i>

[Spherix Announces Results of Annual Shareholders Meeting](#)

19th November, 2009

Spherix Incorporated

-- Robert J. Vander Zanden, Ph.D., former Vice President, R&D, Kraft Foods International In addition, Grant Thornton LLP was ratified as the Company's independent accountants

[Give Your Pooch the Gift of Wisdom This Holiday](#)

19th November, 2009

Mars Veterinary

ROCKVILLE, Md., Nov. 19 /PRNewswire/ -- There is no greater love than the adoration you receive from man's best friend. This holiday season, return the love by gifting your four legged friend

BioNews Results for Genetronics Incorporated



- [Gene switch systems employing regulators with decreased dimerization](#)
PharmCast: Sep 10 2009 8:39PM Matching: genetronics

Genetronics Incorporated Patents:



- 5859327- [Electroporation-mediated molecular transfer in intact plants](#)
- 6181964- [Minimally invasive apparatus and method to electroporate drugs and genes into tissue](#)
- 6192270- [Apparatus and method for the delivery of drugs and genes into tissue](#)
- 6208893- [Electroporation apparatus with connective electrode template](#)
- 6216034- [Method of programming an array of needle electrodes for electroporation therapy of tissue](#)
- 6233482- [Method of electroporation mediated delivery of drugs and genes](#)
- 6241701- [Apparatus for electroporation mediated delivery of drugs and genes](#)
- 6266560- [Electrically assisted transdermal method and apparatus for the treatment of erectile dysfunction](#)
- 6302874- [Method and apparatus for electrically assisted topical delivery of agents for cosmetic applications](#)
- 6347247- [Electrically induced vessel vasodilation](#)
- 6418341- [Needle electrode assembly for electroporation mediated delivery of genes and drugs](#)
- 6150148- [Electroporation apparatus for control of temperature during the process](#)
- 6132419- [Electroporetic gene and drug therapy](#)
- 6120493- [Method for the introduction of therapeutic agents utilizing an electroporation apparatus](#)

- 5869326- [Electroporation employing user-configured pulsing scheme](#)
- 5944710- [Electroporation-mediated intravascular delivery](#)
- 5968006- [Method and apparatus for a combination of electroporation and iontophoresis for the delivery of drugs and genes](#)
- 5993434- [Method of treatment using electroporation mediated delivery of drugs and genes](#)
- 6009345- [Method and apparatus for a combination of electroporation and iontophoresis for the delivery of drugs and genes](#)
- 6009347- [Electroporation apparatus with connective electrode template](#)
- 6014584- [Electroporation therapy apparatus](#)
- 6027488- [Flow-through electroporation system for ex vivo gene therapy](#)
- 6055453- [Apparatus for addressing needle array electrodes for electroporation therapy](#)
- 6096020- [Electroporation employing user-configured pulsing scheme](#)
- 6451002- [Method of treatment using electroporation mediated delivery of drugs and genes](#)
- 6516223- [Apparatus for electroporation mediated delivery for drugs and genes](#)
- 6958060- [Method for muscle delivery of drugs, nucleic acids and other compounds](#)
- 6972013- [Enhanced delivery of naked DNA to skin by non-invasive in vivo electroporation](#)
- 7054685- [Method and apparatus for reducing electroporation-mediated muscle reaction and pain response](#)
- 7171264- [Intradermal delivery of active agents by needle-free injection and electroporation](#)
- 7173116- [Nucleic acid formulations for gene delivery and methods of use](#)
- 7181271- [Synergism of photodynamic and electropermeation effect on cell vitality as a novel cytotoxic agent](#)
- 7395110- [Electrode apparatus and method for the delivery of drugs and genes into tissue](#)
- 7412284- [Apparatus for electroporation mediated delivery for drugs and genes](#)
- 7491537- [Nucleic acid formulations for gene delivery and methods of use](#)
- 7570992- [Electrical field therapy with reduced histopathological change in muscle](#)
- 6947791- [Method and apparatus for electrically assisted topical delivery of agents for cosmetic applications](#)
- 6865416- [Electrically induced vessel vasodilation](#)
- 6800484- [High efficiency transfection based on low electric field strength, long pulse length](#)
- 6520950- [Method of electroporation-enhanced delivery of active agents](#)
- 6567694- [Needle electrodes for mediated delivery of drugs and genes](#)
- 6569149- [Method of treatment using electroporation mediated delivery of drugs and genes](#)
- 6654636- [Skin and muscle-targeted gene therapy by pulsed electrical field](#)
- 6678556- [Electrical field therapy with reduced histopathological change in muscle](#)
- 6678558- [Method and apparatus for reducing electroporation-mediated muscle reaction and pain response](#)
- 6697669- [Skin and muscle-targeted gene therapy by pulsed electrical field](#)
- 6746441- [Flow-through electroporation system for ex vivo gene therapy](#)
- 6748265- [Electrode apparatus and method for the delivery of drugs and genes into tissue](#)
- 6763264- [Method of treatment using electroporation mediated delivery of drugs and genes](#)
- 7579326- [Gene switch systems employing regulators with decreased dimerization](#)

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