

## 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:**

<a href="#">Reportlinker Adds Blood Banking and Blood Products - Global Market Perspective</a>	25th November, 2009	Reportlinker	<p>NEW YORK, Nov. 25 /PRNewswire/ -- Reportlinker.com announces that a new market research report is available in its catalogue: Blood Banking and Blood Products - Global Market Perspective <a href="http://www">http://www</a></p>
<a href="#">Quest Diagnostics To Speak At The 21st Annual Piper Jaffray Healthcare Conference</a>	24th November, 2009	Quest Diagnostics	<p>MADISON, N.J., Nov. 24 /PRNewswire-FirstCall/ -- Quest Diagnostics Incorporated (NYSE: DGX), the world's leading provider of diagnostic testing, information and services, announced that it is</p>
<a href="#">Prodesse's ProParaflu+(TM) Assay Cleared for US Marketing by FDA</a>	24th November, 2009	Gen-Probe Incorporated	<p>Michael Watts Vice president, investor relations and corporate communications 858-410-8673 SOURCE Gen-Probe Incorporated</p>
<a href="#">Aflac To Exchange Two Lloyds Banking Group Securities, Enhance Risk-Based Capital Ratio</a>	24th November, 2009	Aflac Incorporated	<p>COLUMBUS, Ga., Nov. 24 /PRNewswire-FirstCall/ -- Aflac Incorporated (NYSE: AFL) announced today that the Lloyds Banking Group plc has accepted the exchange of two of its investment securities owned by</p>

[WellTek Positioned to Capitalize on Trends in Health and Fitness](#)

24th November,  
2009

WellTek Incorporated

ORLANDO, Fla., Nov. 24 /PRNewswire-FirstCall/ -- Two thirds of adults are overweight and one third of those are obese. Experts estimate that 80 percent of the population will experience a back

## 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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