

# Dr. McNorgan Discusses Hemostemix's Stem Cell Technology and Potential with Elon Musk's Neuralink

written by InvestorNews | June 1, 2023

In this InvestorIntel interview, Tracy Weslosky talks with [Hemostemix Inc.](#)'s (TSXV: HEM | OTCQB: HMTXF) Advisory Board Member Dr. Chris McNorgan, Ph.D. about why Hemostemix's NCP-01 (Neural Cellular Precursors) technology would be of interest to a company like [Neuralink](#).

With Elon Musk's brain implant company Neuralink recently [receiving FDA approval](#) for human trials, Dr. McNorgan explains how NCP-01 can potentially assist in all phases of the implantation process, including mitigating complications and ensuring proper functionality of the brain implants.

Neurons do not naturally regenerate, causing lifelong problems when damaged. With the potential to regenerate neuronal cells, Dr. McNorgan discusses how Hemostemix's NCP-01 technology can also help restore brain functionality in patients suffering from progressive dementia.

[Dr. McNorgan](#) directs the Computational Cognitive Neuroscience (CCN) laboratory at the University of Buffalo. His research focuses on computational cognitive neuroscience, developing computer models to simulate how the brain functions, and is directly relatable to neural electrode-based implantation.

Dr. McNorgan estimates the current market for assistive technologies related to brain signal interception and decoding

is estimated to be around \$36.5 billion, but the potential market is much larger once the technology is perfected.

The applications of Hemostemix's technology extend beyond assistive technologies, including addressing conditions like blindness, hearing loss, and dementia.

To access the full InvestorIntel interview, [click here](#)

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## About Hemostemix Inc.

Hemostemix is an autologous stem cell therapy company, founded in 2003. A winner of the World Economic Forum Technology Pioneer Award, the Company has developed, patented, and is scaling a patient's blood-based stem cell therapeutics platform that includes angiogenic cell precursors, neuronal cell precursors, and cardiomyocyte cell precursors. The Company develops cell therapy products from the patient's own blood, which is a non-invasive source of therapeutic cells. Its lead product is ACP-01, an autologous cell therapy, which is in FDA Phase II clinical trial for the treatment of vascular diseases, such as cardiovascular disease, peripheral arterial disease, angina pectoris, and ischemia. Its second product is NCP-01, used to help rebuild neuronal pathways in the brain after injury or disease.

To learn more about Hemostemix Inc., [click here](#)

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# Hemostemix posts promising clinical trial results from heart failure and limb ischemia treatment

written by InvestorNews | June 1, 2023

Heart failure (HF) is a growing epidemic in the United States, with an estimated [6 million people](#) affected. HF is a debilitating condition that can significantly reduce patient quality of life and, in severe cases, prove fatal. Within five years of hospitalization, the [death rate](#) for HF patients ranges from 45% to 60%. Given the high mortality rate and the significant impact on quality of life, there is a great need for effective treatments for HF.

Stem cell therapy has been touted as a revolutionary medical treatment for a variety of conditions for some time. Stem cells have a number of properties, including paracrine and anti-inflammatory effects, that are potentially useful for conditions where conventional medical treatments do not lead to enough optimal patient outcomes.

Acute cardiac progenitor cells (ACP-01) have emerged as a promising therapeutic option for HF. These cells have the ability to replace damaged cells, stimulate new blood vessel growth, and reduce inflammation. One company, in particular, has been working for years to develop and commercialize these cells in new treatments.

[Hemostemix Inc.](#) (TSXV: HEM | OTCQB: HMTXF) is developing new treatments to treat ischemic (restricted blood flow) diseases. Hemostemix's technology uses a patient's own cells, collected

through a simple blood draw, to treat that patient's disease. Its proprietary technology collects synergetic cell population and manufactures a personalized regenerative therapy that can be administered to a patient within 7 days of the initial cell collection. The efficient, scalable, and cost-effective platform has the potential to generate therapies for a broad range of ischemic diseases.

On August 30th, 2022, [Hemostemix announced](#) the results of their retrospective study of heart disease and the phase II clinical trial results of ACP-01 as a treatment for critical limb ischemia.

In the heart disease study, patients received a direct injection into the heart, or a balloon angioplasty-like release of ACP-01 into the heart's vasculature to address either hardening of the arteries (ischemic cardiomyopathy), or thickening of the heart wall (dilated cardiomyopathy).

The study showed that ACP-01 positively affects cardiac function in patients with both types of severe heart failure. The researchers measured cardiac function in terms of the volume of blood the heart pumps with each beat, the ejection fraction of the left ventricle (LVEF%) before and after ACP treatment at an average of 4 and 12 months. It was found that the LVEF% was increased by 16.08% in all patients at first follow-up and by 26.88% on final follow-up. These results suggest that ACP-01 may be a viable treatment option for patients with severe heart failure.

The results of ACP-01 treatment for critical limb ischemia showed that ACP-01 was safe, trended to improve the healing of ulcers at 3, 6, and 12 months, and trended to a reduction in pain at 12 months. In a previous randomized trial of 20 subjects, after 2 years there were no deaths and 7 of 10 limbs

were saved from amputation, compared to the control group where 2 patients died and 6 of 8 limbs were lost to amputation. Hemostemix's [press release](#) noted that its previous management team truncated the trial to 65 subjects, which effected the power of the study. The overall encouraging results of these studies showcase the need for further clinical trials of ACP-01.

Thomas Smeenck, CEO of Hemostemix, commented in the press release that the results show ACP-01 is safe and statistically effective as a treatment of heart disease, safe as a treatment of critical limb ischemia, and worthy of additional clinical trials. "Proving the efficacy of ACP-01 in prospective, blinded, randomized clinical trial, to gain regulatory approval is next," he said.

Hemostemix has said that its next move is to go "forward with a phase II clinical trial of heart disease financed, ideally, through a partnership." Clinical trials [can be expensive](#), and it is not uncommon for smaller biotechnology companies to partner with larger companies or pharmaceutical giants to fund their way through different levels of trials to regulatory approval, provided early results are promising. Hemostemix's results could well attract the right kind of attention.

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## Thomas Smeenck of Hemostemix talks about market reaction to

# successful settlement

# litigation

written by InvestorNews | June 1, 2023

In this InvestorIntel interview with host Stephen Lautens, [Hemostemix Inc.](#)'s (TSXV: HEM | OTCQB: HMTXF) Co-Founder, President and CEO Thomas Smeenck talks about Hemostemix achieving a major [milestone](#) this week by announcing it had successfully settled all litigation regarding its ownership of its intellectual property and the market's immediate positive reaction.

In the interview, which can also be viewed in full on the InvestorIntel YouTube channel ([click here](#)), Thomas Smeenck talks about Hemostemix's portfolio of autologous stem cell therapies that uses patient's own blood to save limbs from amputation, treat heart diseases and other conditions of ischemia. With 91 patents issued worldwide, Thomas says that with the successful return of all of its intellectual property and clinical trial data, Hemostemix is now cleared to continue to move forward with its promising therapies.

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## About Hemostemix Inc.

Hemostemix is a publicly traded autologous stem cell therapy company, founded in 2003. A winner of the World Economic Forum Technology Pioneer Award, the Company developed and has published seven peer reviewed articles about the safety and efficacy of its lead product ACP-01 as a treatment of CLI, PAD, Angina, Ischemic Cardiomyopathy, Dilated Cardiomyopathy and other conditions of ischemia. ACP-01 has been used to treat over

300 patients, and it is the subject of a randomized, placebo-controlled, double blind trial of its safety and efficacy in patients with advanced critical limb ischemia who have exhausted all other options to save their limb from amputation.

**On October 21, 2019,** the Company announced the results from its Phase II CLI trial abstract presentation entitled “Autologous Stem Cell Treatment for CLI Patients with No Revascularization Options: An Update of the Hemostemix ACP-01 Trial With 4.5 Year Follow-up” which noted healing of ulcers and resolution of ischemic rest pain occurred in 83% of patients, with outcomes maintained for up to 4.5 years.

The Company owns 91 patents across five patent families titled: Regulating Stem Cells, In Vitro Techniques for use with Stem Cells, Production from Blood of Cells of Neural Lineage, and Automated Cell Therapy.

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## Thomas Smeenck on Hemostemix products for Your Fountain of Youth

written by InvestorNews | June 1, 2023

In a recent InvestorIntel interview, Tracy Weslosky spoke with Thomas Smeenck, Co-Founder, President and CEO of [Hemostemix Inc.](https://www.hemostemix.com) (TSXV: HEM | OTCQB: HMTXF) about Hemostemix's recent

“blockbuster” [news release](#) on collaborating with world famous [Dr. James Shapiro](#) to Treat Type 1 Diabetes and about trademarking “Your Fountain of Youth”.

In this InvestorIntel interview, which may also be viewed on YouTube ([click here to subscribe to the InvestorIntel Channel](#)), Thomas Smeenk said that Dr. James Shapiro is well known and respected for creating the Edmonton Protocol for the treatment of Type 1 Diabetes. Thomas went on to provide an update on Hemostemix’s technology platform that uses stem cells from a patient’s own blood to treat the heart-damage following a heart attack. Providing an update on Hemostemix’s recently closed oversubscribed private placement, he went on to explain how Hemostemix has found a “Fountain of Youth.”

To watch the full interview, [click here](#).

### **About Hemostemix Inc.**

Hemostemix is a publicly traded autologous (utilizing the patient’s own stem cells) stem cell therapy company, founded in 2003. A winner of the World Economic Forum Technology Pioneer Award, the Company developed and has published seven peer reviewed articles about the safety and efficacy of its lead product ACP-01 as a treatment of CLI, PAD, Angina, Ischemic Cardiomyopathy, Dilated Cardiomyopathy and other conditions of ischemia. ACP-01 has been used to treat over 300 patients, and it is the subject of a randomized, placebo-controlled, double blind trial of its safety and efficacy in patients with advanced critical limb ischemia who have exhausted all other options to save their limb from amputation.

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Follow-up” which noted healing of ulcers and resolution of ischemic rest pain occurred in 83% of patients, with outcomes maintained for up to 4.5 years.

The Company owns 91 patents across five patent families titled: Regulating Stem Cells, In Vitro Techniques for use with Stem Cells, Production from Blood of Cells of Neural Lineage, and Automated Cell Therapy.

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## **Thomas Smeenck with an update on the FDA Phase II clinical trial program of the Hemostemix blood-derived, stem cell therapeutics product (ACP-01)**

written by InvestorNews | June 1, 2023

In a recent InvestorIntel interview, Peter Clausi speaks with Thomas Smeenck, Co-Founder, President and CEO of [Hemostemix Inc.](https://www.hemostemix.com) (TSXV: HEM | OTC: HMTXF) about the Phase II Clinical Trial on Hemostemix's ACP-01 which has the potential to treat patients with severe critical limb ischemia.

In this InvestorIntel interview, which may also be viewed on

YouTube ([click here to subscribe to the InvestorIntel Channel](#)), Thomas went on to say that Hemostemix is in the process of completing the source document verification. With about 60% of source documents verified, Thomas said that they expect the source document verification to be complete within the year.

To watch the full interview, [click here](#)

### **About Hemostemix Inc.**

Hemostemix is a publicly traded autologous stem cell therapy company. A winner of the World Economic Forum Technology Pioneer Award, the Company developed and is commercializing its lead product ACP-01 for the treatment of CLI, PAD, Angina, Ischemic Cardiomyopathy, Dilated Cardiomyopathy and other conditions of ischemia. ACP-01 has been used to treat over 500 patients, and it is the subject of a randomized, placebo-controlled, double blind trial of its safety and efficacy in patients with advanced critical limb ischemia who have exhausted all other options to save their limb from amputation.

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# Thomas Smeenck on Hemostemix's autologous stem cell therapy technology and why some call it 'the fountain of youth'

written by InvestorNews | June 1, 2023

In a recent InvestorIntel interview, Tracy Weslosky spoke with Thomas Smeenck, Co-Founder, President and CEO of [Hemostemix Inc.](#) (TSXV: HEM | OTC: HMTXF), about Hemostemix's autologous stem cell therapy and why he calls the technology "the fountain of youth."

In this InvestorIntel interview, which may also be viewed on YouTube ([click here to subscribe to the InvestorIntel Channel](#)), Thomas went on to say that Hemostemix's lead product ACP-01 works by treating ischemia (lack of blood circulation) in a patient's body. The technology has already been used to treat around 500 patients suffering from ischemia in the heart, arteries, and limb. He added that using the technology many patients were able to "save their limbs from otherwise certain amputations." Hemostemix has 91 patents including a patent on the automation of production which enables the company to scale the business "exponentially" as over a million patients lose their limbs to amputation in North America alone. The technology is now in Phase 2 clinical trial.

To watch the full interview, [click here](#)

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