Hemostemix Announces NCP-01 Study to Address a $10 Billion Pain Market

written by Igor Makarov | October 19, 2022
October 19, 2022 (Source) – Hemostemix Inc. (TSXV: HEM) (OTCQB: HMTXF) (FSE: 2VFO) ("Hemostemix" or the "Company") and its wholly-owned subsidiary, PreCerv Inc., are pleased to announce the commencement of PreCerv Inc.'s study of NCP-01.

The spinal cord injury repair study will focus on the improvement of motor function and the decrease of pain following the injection of NCP-01 into the spinal fluid pathway of small animals.

The global neuropathic pain market was $10.2 Billion in 2020, according to data and analytics company, Global Data, and it is forecast to grow at a CAGR of 12.5% to $25 Billion by 2027.

In three studies of 91 subjects, ACP-01 is reported to significantly decrease pain associated with critical limb ischemia and peripheral arterial disease. In combination with NCP-01, which will target improved motor function, ACP-01+NCP-01 are poised to be the leading patient-sourced solution to treat neuropathic pain and motor function.

"ACP-01 increases blood flow to areas that signal a need for revitalized circulation. That decreases pain. Combining ACP-01 with NCP-01 potentially creates the best way to decrease pain and increase functionality," stated Thomas Abraham, President, PreCerv Inc.

"PreCerv Inc. is going to market in parallel with Hemostemix Inc. As discussed at the shareholders meeting, Mr. Abraham and I

are working on a transaction to spin out PreCerv Inc. to the shareholders of Hemostemix Inc. as a return of capital," stated Thomas Smeenk, CEO.

NCP-01 are the patient's own (autologous) neuronal cell precursors. Like ACP-01, NCP-01 are generated from the patient's blood, a second derivation of the Company's patented synergetic cell population. NCPs express the neural progenitor markers Nestin and bIII-Tubulin, typical of newly differentiated neurons and Neu-N, a nuclear protein present in neurons. Other cells from these cultures expressed O4 and GFAP, oligodendrocyte and astrocyte markers. Flow cytometry analysis showed that 49.4% ± 6.4% and 34% ± 5.9% of NCPs expressed Nestin and bIII-Tubulin respectively. In addition to demonstrating neural lineage, differentiated NCPs responded to the neurotransmitters glutamate and GABA, as detected by calcium influx through voltage-gated calcium channels.

ABOUT HEMOSTEMIX

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 precursor and cardiomyocyte cell precursors. Seven studies including 260 ACP-01 recipients define its safety and efficacy profile as a treatment for heart diseases such as Dilated and Ischemic Cardiomyopathy, Angina, and diseases of Ischemia such as Critical Limb Ischemia. The Company owns 91 patents across five patent families. For more information, please visit **www.hemostemix.com.**

For further information, please contact: Thomas Smeenk, President, CEO & Co-Founder

EM: **tsmeenk@hemostemix.com** PH: 905-580-4170

Thomas Abraham, President, PreCerv Inc.
EM: **tabraham@hemostemix.com** PH: 647-461-7169

Neither the TSX Venture Exchange nor its Regulation Service Provider (as that term is defined under the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

Forward-Looking Information*: This news release contains "forward-looking information" within the meaning of applicable Canadian securities legislation. All statements, other than statements of historical fact, included herein are forward-looking information. In particular, this news release contains forward-looking information in relation to: the study of NCP-01 as a treatment of pain and increased motor function, the combination of ACP-01 and NCP-01 as a treatment. There can be no assurance that such forward-looking information will prove to be accurate. Actual results and future events could differ materially from those anticipated in such forward-looking information. This forward-looking information reflects Hemostemix's current beliefs and is based on information currently available to Hemostemix and on assumptions Hemostemix believes are reasonable. These assumptions include, but are not limited to: the underlying value of Hemostemix and its Common Shares; the successful resolution of the litigation that Hemostemix is pursuing or defending (the "**Litigation**"); the results of ACP-01 research, trials, studies and analyses, including the analysis being equivalent to or better than previous research, trials or studies; the receipt of all required regulatory approvals for research, trials or studies; the level of activity, market acceptance and market trends in the healthcare sector; the economy generally; consumer interest in Hemostemix's services and products; competition and*

Hemostemix's competitive advantages; and Hemostemix obtaining satisfactory financing to fund Hemostemix's operations including any research, trials or studies, and any Litigation. Forward-looking information is Subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of Hemostemix to be materially different from those expressed or implied by such forward-looking information. Such risks and other factors may include, but are not limited to: the ability of Hemostemix to complete clinical trials, complete a satisfactory analyses and file the results of such analyses to gain regulatory approval of a phase II or phase III clinical trial of ACP-01; potential litigation Hemostemis mayface; general business, economic, competitive, political and social uncertainties; general capital market conditions and market prices for securities; delay or failure to receive board or regulatory approvals; the actual results of future operations including the actual results of future research, trials or studies; competition; changes in legislation affecting Hemostemix; the timing and availability of external financing on acceptable terms; long-term capital requirements and future developments in Hemostemix's markets and the markets in which it expects to compete; lack of qualified, skilled labour or loss of key individuals; and risks related to the COVID-19 pandemic including various recommendations, orders and measures of governmental authorities to try to limit the pandemic, including travel restrictions, border closures, non-essential business closures service disruptions, quarantines, self-isolations, shelters-in-place and social distancing, disruptions to markets, disruptions to economic activity and financings, disruptions to supply chains and sales channels, and a deterioration of general economic conditions including a possible national or global recession or depression;the potential impact that the COVID-19 pandemic may have on

Hemostemix which may include a decreased demand for the services that Hemostemix offers; and a deterioration of financial markets that could limit Hemostemix's ability to obtain external financing. A description of additional risk factors that may cause actual results to differ materially from forward-looking information can be found in Hemostemix's disclosure documents on the SEDAR website at www.sedar.com. Although Hemostemix has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. Readers are cautioned that the foregoing list of factors is not exhaustive. Readers are further cautioned not to place undue reliance on forward-looking information as there can be no assurance that the plans, intentions or expectations upon which they are placed will occur. Forward-looking information contained in this news release is expressly qualified by this cautionary statement. The forward-looking information contained in this news release represents the expectations of Hemostemix as of the date of this news release and, accordingly, it is Subject to change after such date. However, Hemostemix expressly disclaims any intention or obligation to update or revise any forward-looking information, whether as a result of new information, future events or otherwise, except as expressly required by applicable securities law.