

# Positive Phase 1 Results in Covid-19 Patients for Histogen, Inc. (NASDAQ: HSTO) Regenerative Medicine as well

Positive Phase 1 Results in Covid-19 Patients for Histogen, Inc. (NASDAQ: HSTO) Regenerative Medicine also

SAN DIEGO, CALIFORNIA, UNITED STATES, June 22, 2021 /EINPresswire.com/ -- Positive Phase 1 Results in Covid-19 Patients for Histogen, Inc. (NASDAQ: HSTO)Regenerative Medicine also

Emricasan Found to be Safe and Well Tolerated with No Serious Adverse Events

Patients Completing Treatment with Emricasan had a Complete Resolution

Histogen		
\$HSTO Logo		
<b>OUR PATENTS</b> Histogen's first US patent was issued in September 2012, and covers the Company's novel method of growing cells under low oxygen and suspension conditions, and the process through which the naturally-secreted protein compositions are produced. As of December 31, 2019, Histogen holds 8 issued US patents, 40 issued foreign patents and 30 active patent applications in the US and elsewhere.		
9,034,312	9,506,038	9,512,403
Extracetlular Matrix Compositions for the Treatment of Cancer	Extracellular Matrix Compositions for the Treatment of Cancer	Conditioned Medium and Extracellular Matrix Compositions from Cells Cultured under Hypoxic Conditions for Methods of Treating Tissue Injury
\$HSTO Patents		

of the Symptoms Most Commonly Associated in Mild COVID-19 At Day 7 Continuing to Day 45

**Begenerative Medicine Technology Platform Developing Orthopedic Product Candidates.** 

Durial for Cartilage Regeneration in the Knee On-Track with Anticipated Phase 1/2 Study Initiation in June 2021.

Broduct Candidate for Spinal Disc Repair with IND Enabling Activities.

Illop-line Data for Phase 1 Study of Emricasan Product in Mild-Symptomatic COVID-19 Patients Anticipated in June 2021.

Besearch Paper on Emricasan Published in Allergy, the Journal of the European Academy of Allergy and Clinical Immunology.

### Histogen Inc. (NASDAQ HSTO) is a

clinical-stage therapeutics company focused on developing potential firstin-class restorative therapeutics that ignite the body's natural process to repair and maintain healthy biological function. HSTO has an innovative technology platform that utilizes cell conditioned media and extracellular matrix materials produced by hypoxiainduced multipotent cells. The HSTO proprietary, reproducible manufacturing process provides targeted solutions across a broad range of therapeutic indications including joint cartilage regeneration, spinal disk repair, hair growth and dermal rejuvenation.

HSTO is NASDAQ listed and has an attractive share structure with only 35,751,957 shares outstanding as of May 6, 2021.

DDpdate on Development Programs and Pipeline Focus

DEVELOPMENT PIPELINE

Preclinical Phase 1 Phase 2 Phase 3 Marketed/Partner

CCM Cosmetics
Communication

HST 003 Joint Cartilage (hECM)
BLA
Image: Communication of the second second

INTELLECTUAL

re than 50 patents have beer

As of December 31, 2019, Histogen

nolds eight U.S. issued patents, 40

foreign issued patents and has 30

e patent applications in the US

filed worldwide on Histogen's technology and the composition

PROPERTY

produced through its manufacturing process

elsewhere

# \$HSTO Pipeline

Human Multipotent Cell Conditioned Media (CCM): The liquid complex produced through Histogen's manufacturing process contains soluble biologicals with a diverse range of embryonic-like proteins. Because the cells produce and secrete these factors while developing the ECM, these proteins are naturally infused into the liquid media in a stabilized form. The CCM contains a diverse mixture of cell-signaling materials, including human growth factors such as Keratinocyte Growth Factor, soluble human ECM proteins such as collagen, and vital proteins which support the epidermal stem cells that renew skin throughout life.

Human Extracellular Matrix (hECM): The hECM produced through Histogen's proprietary process is a novel. all-human. naturally-secreted material. It is most similar to early embryonic structural tissue which provides the framework and signals necessary for cell in-growth and tissue development. By producing similar ECM materials to those that aided in the original formation of these tissues in the embryo, regenerative cells are supported in vitro and have shown potential as therapeutics in vivo.

Hair Stimulating Complex (HSC): HSC is a soluble biologic comprised of growth factors involved in the signaling of cells in the body. particularly those factors known to be important in hair formation and the stimulation of resting hair follicles.

# \$HSTO Intelectual Property



\$HSTO Regeneration

On June 3rdHSTO announced an update on its pipeline focus following a strategic evaluation of its regenerative medicine platform technology development programs with the goal of focusing on high value orthopedic indications, creating pipeline synergies and maximizing resources in an effort to further drive long-term shareholder value.

# **Development Program Updates**

-- HST 003 – HSTO is on track to initiate its Phase 1/2 clinical study of HST 003 in June 2021. The upcoming study is designed to evaluate the safety and efficacy of human extracellular matrix (hECM) implanted within microfracture interstices and the cartilage defect in the knee to regenerate hyaline cartilage in combination with a microfracture procedure. Patients will be enrolled at three sites: Oasis MD in San Diego, CA, The Steadman Clinic in Vail, CO, and Walter Reed Medical Center in Bethesda, MD.

-- HST 004 - HSTO recently initiated an investigational new drug application (IND) enabling activities for HST 004, a CCM solution intended to be administered through an intradiscal injection for spinal disc repair. The HSTO initial preclinical research has shown that HST 004 stimulates stem cells from the spinal disc to proliferate and secrete aggrecan and collagen II,

٢٢

The data from the Phase 1 study of Emricasan administered in the outpatient setting underscores its safety and potential clinical benefit in the treatment of mild symptomatic patients" *Raavi Gupta, M.D. Associate Professor*  regenerate normal matrix and cell tissue structure, and restore disc height. HST 004 was also shown to both reduce inflammation and protease activity and upregulate aggrecan production in an ex vivo spinal disc model. HSTO anticipates filing an IND in the second half of 2022.

-- Emricasan - In May, HSTO, along with its partner Amerimmune, completed enrollment of the Phase 1 study of Emricasan for the treatment of mild-symptomatic COVID-19 patients. A total of 13 patients have been enrolled at a single site in New York City versus the initially targeted 40 patients. The decision to stop enrollment with a lesser number of patients was based solely upon the

overall decline in COVID-19 cases in New York City and its negative impact on patient recruitment. To date, there have been no reports of serious adverse events, and HSTO anticipates top-line safety, biomarker and patient reported outcomes data to be available in June 2021.

Emricasan is a potential first-in-class, orally active, pan-caspase inhibitor designed to reduce the activity of enzymes that mediate inflammation and apoptosis. HSTO acquired certain rights to Emricasan and other caspase inhibitor compounds as a part of its merger with Conatus Pharmaceuticals Inc. in 2020. HSTO believes that by reducing the activity of these enzymes, caspase inhibitors have the potential to interrupt the progression of a variety of diseases.

Emricasan has been studied in over 950 patients in 19 completed clinical trials across a broad range of liver diseases. In NASH cirrhosis patients in multiple clinical Phase II trials conducted by Conatus, Emricasan demonstrated rapid and sustained reductions in elevated levels of key biomarkers of inflammation and cell death. Similarly, elevated biomarkers are also believed to play a role in the severity and progression of COVID-19.

On May 19th HSTO and its partner, Amerimmune, LLC, reported the publication of the potential utility of Emricasan in COVID-19 in Allergy, the official Journal of the European Academy of Allergy and Clinical Immunology. The research paper entitled "Caspases in Moderate-Severe, Long COVID-19 Disease and the Therapeutic Potential of Caspase Inhibitors" has been published in Allergy, the Journal of the European Academy of Allergy and Clinical Immunology, and is currently available electronically at <u>https://onlinelibrary.wiley.com/doi/10.1111/all.14907</u>

As a result of the recent HSTO product evaluation, management has charted a new course with a focus on orthopedic indications that they believe sit at the crossroads of pre-clinical and clinical proof of concept, significant commercial opportunity, and unmet medical needs. HSTO management feels that by developing products that are therapeutically synergistic, the company can be more efficient with its resources and create a strategic pipeline of novel therapeutics that

has the potential to create long-term value for the benefit of HSTO shareholders.

For more information on Histogen Inc. (NASDAQ HSTO) visit <u>http://www.histogen.com</u>.

DISCLAIMER: FrontPageStocks/CorporateAds.com (CA) is a third-party publisher and news dissemination service provider. CAP/FPS/CA is NOT affiliated in any manner with any company mentioned herein. CAP/FPS/CA is a news dissemination solutions provider and is NOT a registered broker/dealer/analyst/adviser, holds no investment licenses and may NOT sell, offer to sell or offer to buy any security. CAP/FPS/CA's market updates, news alerts and corporate profiles are NOT a solicitation or recommendation to buy, sell or hold securities. The material in this release is intended to be strictly informational and is NEVER to be construed or interpreted as research material. All readers are strongly urged to perform research and due diligence on their own and consult a licensed financial professional before considering any level of investing in stocks. All material included herein is republished content and details which were previously disseminated by the companies mentioned in this release or opinion of the writer. CAP/FPS/CA is not liable for any investment decisions by its readers or subscribers. Investors are cautioned that they may lose all or a portion of their investment when investing in stocks. CAP/FPS/CA has been compensated \$500 by a third party for dissemination of this article.

### Disclaimer/Safe Harbor:

These news releases and postings may contain forward-looking statements within the meaning of the Securities Litigation Reform Act. The statements reflect the Company's current views with respect to future events that involve risks and uncertainties. Among others, these risks include the expectation that any of the companies mentioned herein will achieve significant sales, the failure to meet schedule or performance requirements of the companies' contracts, the companies' liquidity position, the companies' ability to obtain new contracts, the emergence of competitors with greater financial resources and the impact of competitive pricing. In the light of these uncertainties, the forward-looking events referred to in this release might not occur.

#### SOURCE: CorporateAds.com

HSTO Histogen Inc. +1 858-526-3100 email us here

This press release can be viewed online at: https://www.einpresswire.com/article/544466974

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire<sup>™</sup>, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2021 IPD Group, Inc. All Right Reserved.