



Jasper Therapeutics Initiates New Clinical Trial with National Cancer Institute to Evaluate JSP191 in GATA2-related Myelodysplastic Syndromes

REDWOOD CITY, Calif. – September 8, 2021, Jasper Therapeutics, Inc., a biotechnology company focused on hematopoietic cell transplant therapies, today announced the initiation of a Phase 1/2 clinical trial to evaluate JSP191, the company’s anti-CD117 monoclonal antibody, as a targeted, non-toxic conditioning agent prior to allogeneic transplant in patients with GATA2-related myelodysplastic syndromes (MDS). Jasper Therapeutics and the National Cancer Institute (NCI), part of the National Institutes of Health, have entered into a clinical trial agreement in which NCI will serve as the Investigational New Drug (IND) sponsor for this study.

“As we seek to make stem cell transplants safer and expand the indications for which JSP191 could be used as a less toxic, more effective conditioning regimen in patients undergoing curative transplant, we look forward to collaborating with the NCI on this Phase 1/2 clinical trial in patients with GATA2-related MDS,” said Wendy Pang, M.D., Ph.D., vice president, research and translational medicine, of Jasper Therapeutics. “The results may provide us with key insights about the use of JSP191, a highly differentiated anti-CD117 monoclonal antibody, as a conditioning agent for this patient population.”

MDS are a group of disorders in which immature blood-forming cells in the bone marrow become abnormal and do not make new blood cells or make defective blood cells, leading to low numbers of normal blood cells, especially red blood cells. Some patients with MDS have mutations in the GATA2 gene, which plays a role in the production and maintenance of hematopoietic stem cells, which give rise to all blood and immune cells. Each year, about 2,500 patients with MDS in the G7 countries receive hematopoietic stem cell transplants. These transplants are curative but are underused due to the toxicity of the current high-intensity conditioning regimen, which includes the chemotherapy agents busulfan and fludarabine.

About JSP191

JSP191 is a humanized monoclonal antibody in clinical development as a conditioning agent that blocks stem cell factor receptor signaling leading to clearance of hematopoietic stem cells from bone marrow, creating an empty space for donor or gene-corrected transplanted stem cells to engraft. While hematopoietic cell transplantation can be curative for patients, its use is limited because standard high-dose myeloablative conditioning is associated with severe toxicities and standard low-dose conditioning has limited efficacy. To date, JSP191 has been evaluated in more than 90 healthy volunteers and patients. Two clinical trials for myelodysplastic syndromes (MDS)/acute myeloid leukemia (AML) and severe combined immunodeficiency (SCID) are currently enrolling. Enrollment in four additional studies is expected to begin in 2021 in patients with severe autoimmune disease, sickle cell disease, chronic granulomatous disease or Fanconi anemia who are undergoing hematopoietic cell transplantation.

About Jasper Therapeutics

Jasper Therapeutics is a biotechnology company focused on the development of novel curative therapies based on the biology of the hematopoietic stem cell. The company is advancing two potentially groundbreaking programs. JSP191, an anti-CD117 monoclonal antibody, is in clinical development as a conditioning agent that clears hematopoietic stem cells from bone marrow in patients undergoing a hematopoietic cell transplantation. It is designed to enable safer and more effective curative allogeneic and autologous hematopoietic cell transplants and gene therapies. In parallel, Jasper Therapeutics is advancing its preclinical engineered hematopoietic stem cell (eHSC) platform, which is designed to overcome key limitations of allogeneic and autologous gene-edited stem cell grafts. Both innovative programs have the potential to transform the field and expand hematopoietic stem cell therapy cures to a greater number of patients with life-threatening cancers, genetic diseases and autoimmune diseases than is possible today. For more information, please visit us at jaspertherapeutics.com.

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Important Information and Where to Find It

In connection with the proposed transaction between Amplitude Healthcare Acquisition Corporation (“Amplitude”) and Jasper Therapeutics, Inc. (“Jasper Therapeutics”), Amplitude has filed with the SEC a registration statement on Form S-4, which includes a proxy statement/prospectus. Promptly after the registration statement was declared effective by the SEC, on or about August 31, 2021, Amplitude began mailing the definitive proxy statement/prospectus and a proxy card to each stockholder of record as of August 20, 2021, the record date for the meeting of Amplitude stockholders established for voting on the proposed business combination. **Investors and security holders of Amplitude are urged to read the definitive proxy statement/prospectus (including any amendments or supplements thereto) and any other relevant documents in connection with the transaction that Amplitude will file with the SEC when they become available because they will contain important information about Amplitude, Jasper Therapeutics and the transaction.** The definitive proxy statement/prospectus and other relevant materials in connection with the transaction (when they become available), and any other documents filed by Amplitude with the SEC, may be obtained free of charge at the SEC’s website (www.sec.gov). The documents filed by Amplitude with the SEC also may be obtained free of charge upon written request to 1177 Avenue of the Americas, Fl 40, New York, New York 10036.

Participants in the Solicitation

Amplitude and its directors and executive officers may be deemed participants in the solicitation of proxies from Amplitude’s stockholders with respect to the business combination. Information about Amplitude’s directors and executive officers and a description of their interests in Amplitude is set forth in the final prospectus filed with the SEC pursuant to Rule 424(b) of the Securities Act of 1933, as amended (“Securities Act”), on August 26, 2021. Information regarding the persons who may, under the rules of the SEC, be deemed participants in the solicitation of Amplitude’s stockholders in connection with the proposed transaction is set forth in the registration statement on Form S-4 containing the proxy statement/prospectus for the proposed transaction filed with the SEC. These documents are available at the SEC’s website (www.sec.gov).

Jasper Therapeutics and its directors and executive officers may also be deemed to be participants in the solicitation of proxies from the stockholders of Amplitude in connection with the proposed business combination. Information about Jasper Therapeutics’ directors and executive officers and information regarding their interests in the proposed transaction is set forth in the final prospectus filed with the SEC pursuant to Rule 424(b) of the Securities Act, on August 26, 2021 and is available at the SEC’s website (www.sec.gov).

Non-Solicitation

This press release is not a proxy statement or solicitation of a proxy, consent or authorization with respect to any securities or in respect of the potential transaction and shall not constitute an offer to sell or a solicitation of an offer to buy the securities of Amplitude, the combined company or Jasper Therapeutics, nor shall there be any sale of any such securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of such state or jurisdiction. No offer of securities shall be made except by means of a prospectus meeting the requirements of the Securities Act.

Special Note Regarding Forward-Looking Statements

Certain statements made herein that are not historical facts are forward-looking statements for purposes of the safe harbor provisions under The Private Securities Litigation Reform Act of 1995. Forward-looking statements generally are accompanied by words such as “believe,” “may,” “will,” “estimate,” “continue,” “anticipate,” “intend,” “expect,” “should,” “would,” “plan,” “predict,” “potential,” “seem,” “seek,” “future,” “outlook” and similar expressions that predict or indicate future events or trends or that are not statements of historical matters. These forward-looking statements include, but are not limited to, statements regarding future events and other statements that are not historical facts. These statements are based on the current expectations of Amplitude's and Jasper's management and are not predictions of actual performance. These forward-looking statements are provided for illustrative purposes only and are not intended to serve as, and must not be relied on, by any investor as a guarantee, an assurance, a prediction or a definitive statement of fact or probability. Actual events and circumstances are difficult or impossible to predict and will differ from assumptions. Many actual events and circumstances are beyond the control of Amplitude and Jasper. These statements are subject to a number of risks and uncertainties and actual results may differ materially. If any of these risks materialize or if assumptions prove incorrect, actual results could differ materially from the results implied by these forward-looking statements. There may be additional risks that Amplitude and Jasper presently do not know or that Amplitude and Jasper currently believe are immaterial that could also cause actual results to differ from those contained in the forward-looking statements. In addition, forward-looking statements provide Amplitude's and Jasper's expectations, plans or forecasts of future events and views as of the date of this communication. Amplitude and Jasper anticipate that subsequent events and developments will cause Amplitude's and Jasper's assessments to change. However, while Amplitude and Jasper may elect to update these forward-looking statements at some point in the future, Amplitude and Jasper specifically disclaim any obligation to do so. These forward-looking statements should not be relied upon as representing Amplitude's and Jasper's assessments as of any date subsequent to the date of this communication. Accordingly, undue reliance should not be placed upon the forward-looking statements.