



Tempest Presents New Data at the SITC 2024 Spring Scientific Meeting Supporting Potent Anti-tumor Activity of TPST-1120 in Multiple Cancer Types

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BRISBANE, Calif., March 12, 2024 (GLOBE NEWSWIRE) -- Tempest Therapeutics, Inc. (Nasdaq: TPST), a clinical-stage biotechnology company developing first-in-classⁱ targeted and immune-mediated therapeutics to fight cancer, today announced a poster presentation at the Society for Immunotherapy of Cancer (SITC) 2024 Spring Scientific Meeting highlighting preclinical data showing potent anti-tumor activity in several cancer models treated with TPST-1120 alone or with immune checkpoint inhibitors. The presentation covered experimental results that corroborated clinical biomarker data from patients with advanced solid tumor cancers treated in a Phase 1 trial with TPST-1120 showing increased expression of select immune-related genes and elevated plasma Free Fatty Acid (FFA) levels associated with clinical response. TPST-1120 is an oral, selective PPAR α antagonist in clinical development that has shown promising results, including positive data from a randomized study in first-line hepatocellular carcinoma (HCC) patients compared to the standard of care.

"Data presented at the SITC Spring Scientific Meeting bolster our mechanistic understanding of PPAR α blockade in cancer patients and reinforce a basis for the ongoing late-stage clinical development of TPST-1120," said Sam Whiting, M.D., Ph.D., chief medical officer and head of R&D at Tempest. "Based on positive Phase 1 and 2 data, we are planning a pivotal study in patients with first-line liver cancer, and we also look forward to evaluating the potential of TPST-1120 in additional cancer indications."

In preclinical models of liver, colon and pancreatic cancer, TPST-1120 elicited a greater than 50% inhibition of tumor growth with enhanced inhibition observed in liver and colon cancer models when co-administered with anti-PD-1. In addition, biomarker results from the Phase 1 clinical trial of TPST-1120 in multiple solid tumor indications showed statistically significant, exposure-dependent elevations in expression levels of multiple immune-related genes, and patients exhibiting objective responses displayed increased circulating free fatty acids (FFA), both of which are in-line with the proposed TPST-1120 mechanism of action. Clinical response and biomarker findings support that inhibition of PPAR α may be an effective therapeutic strategy for the treatment of cancer.

These findings complement positive data reported in October 2023 from a global randomized phase 1b/2 study of TPST-1120 in combination with atezolizumab and bevacizumab in first-line patients with advanced HCC. The differentiating data showed clinical superiority of the TPST-1120 arm across multiple study endpoints and relevant biomarker-defined patient subpopulations when compared to atezolizumab and bevacizumab alone, the standard of care in first-line HCC.

About TPST-1120

TPST-1120 is an oral, small molecule, selective PPAR α antagonist. Tempest's data suggest that TPST-1120 treats cancer by targeting tumor cell metabolism directly, as well as by modulating immune suppressive cells and angiogenesis in the tumor microenvironment. In a Phase 1 clinical trial in patients with heavily-pretreated advanced solid tumors, TPST-1120 as monotherapy and in combination with the PD-1 inhibitor nivolumab demonstrated tumor reduction (including RECIST responses) and biomarker modulation. In a global randomized phase 1b/2 study of TPST-1120 in combination with atezolizumab and bevacizumab in first-line patients with advanced hepatocellular carcinoma (HCC), the TPST-1120 arm showed clinical superiority across multiple study endpoints when compared to atezolizumab and bevacizumab alone, the standard of care. TPST-1120 is wholly-owned by Tempest.

About Tempest Therapeutics

Tempest Therapeutics is a clinical-stage biotechnology company advancing a diverse portfolio of small molecule product candidates containing tumor-targeted and/or immune-mediated mechanisms with the potential to treat a wide range of tumors. The company's novel programs range from early research to later-stage investigation in a randomized global study in first-line cancer patients. Tempest is headquartered in Brisbane, California. More information about Tempest can be found on the company's website at www.tempesttx.com.

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ⁱ If approved by the FDA