



## **Panbela Announces Issuance of New Patent in Chile for Claims of a Novel Process for the Production of Flynpovi**

Patent developed in collaboration with Sanofi

**MINNEAPOLIS, September 5, 2023, (GLOBE NEWSWIRE) Panbela Therapeutics, Inc.** (Nasdaq: PBLA), a clinical-stage biopharmaceutical company developing disruptive therapeutics for the treatment of patients with urgent unmet medical needs, today announced an Issue Notification for the Chilean patent 1157-2018 titled “Eflornithine and Sulindac, Fixed Dose Combination Formulation”. This product, developed in collaboration with Sanofi, claims a novel composition of a fixed dose formulation of eflornithine and sulindac, which is called Flynpovi. This is Panbela’s lead investigational product for the treatment of patients with Familial Adenomatous Polyposis (FAP). The patent is valid until 2036, has issued in the US, Australia, Mexico, and Taiwan. The application is under review in additional countries.

Jennifer K. Simpson, PhD, MSN, CRNP, President & Chief Executive Officer of Panbela Therapeutics, commented, “We’re excited to have this patent issued in Chile as this further expands our patent portfolio and supports our global clinical programs. First issued in the United States in 2021 and now in several other territories, this patent covers the novel co-formulation of Flynpovi, our lead FAP product in development.”

Dr. Simpson added, “We are pleased with the continued growth of our patent portfolio with this latest patent issuance. The co-formulated product described in this patent has the potential to be the first pharmacotherapy approved for patients with FAP. By co-formulating eflornithine and sulindac in the same tablet, it provided FAP patients with an easier option for administration and compliance.”

### **About our Pipeline**

The pipeline consists of assets currently in clinical trials with an initial focus on familial adenomatous polyposis (FAP), first-line metastatic pancreatic cancer, neoadjuvant pancreatic cancer, colorectal cancer prevention, ovarian cancer and diabetes. The combined development programs have a steady cadence of catalysts with programs ranging from pre-clinical to registration studies.

### **SBP-101 Ivospemin**

Ivospemin is a proprietary polyamine analogue designed to induce polyamine metabolic inhibition (PMI) by exploiting an observed high affinity of the compound for pancreatic ductal adenocarcinoma and other tumors. It has shown signals of tumor growth inhibition in clinical studies of metastatic pancreatic cancer patients, demonstrating a median overall survival (OS) of 14.6 months and an objective response rate (ORR) of 48%, both exceeding what is typical for the standard of care of gemcitabine + nab-paclitaxel suggesting potential complementary

activity with the existing FDA-approved standard chemotherapy regimen. In data evaluated from clinical studies to date, ivospemin has not shown exacerbation of bone marrow suppression and peripheral neuropathy, which can be chemotherapy-related adverse events. Serious visual adverse events have been evaluated and patients with a history of retinopathy or at risk of retinal detachment will be excluded from future SBP-101 studies. The safety data and PMI profile observed in the previous Panbela-sponsored clinical trials provide support for continued evaluation of ivospemin in the ASPIRE trial. For more information, please visit <https://clinicaltrials.gov/ct2/show/NCT03412799>.

### **Flynpovi™**

Flynpovi is a combination of CPP-1X (eflornithine) and sulindac with a dual mechanism inhibiting polyamine synthesis and increase polyamine export and catabolism. In a Phase 3 clinical trial in patients with sporadic large bowel polyps, the combination prevented > 90% subsequent pre-cancerous sporadic adenomas versus placebo. Focusing on FAP patients with lower gastrointestinal tract anatomy in the recent Phase 3 trial comparing Flynpovi to single agent eflornithine and single agent sulindac, FAP patients with lower GI anatomy (patients with an intact colon, retained rectum or surgical pouch), Flynpovi showed statistically significant benefit compared to both single agents ( $p \leq 0.02$ ) in delaying surgical events in the lower GI for up to four years. The safety profile for Flynpovi did not significantly differ from the single agents and supports the continued evaluation of Flynpovi for FAP.

### **CPP-1X Eflornithine**

CPP-1X (eflornithine) is being developed as a single agent tablet or high dose power sachet for several indications including prevention of gastric cancer and recent onset Type 1 diabetes. Preclinical studies as well as Phase 1 or Phase 2 investigator-initiated trials suggest that CPP-1X treatment may be well-tolerated and has potential activity.

### **About Panbela**

Panbela Therapeutics, Inc. is a clinical-stage biopharmaceutical company developing disruptive therapeutics for patients with urgent unmet medical needs. Panbela's lead assets are Ivospemin (SBP-101) and Flynpovi. Further information can be found at [www.panbela.com](http://www.panbela.com). Panbela's common stock is listed on The Nasdaq Stock Market LLC under the symbol "PBLA".

### **Cautionary Statement Regarding Forward-Looking Statements**

*This press release contains "forward-looking statements," including within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements can be identified by words such as: "anticipate," "design," "may," "plan," and "will." Examples of forward-looking statements include statements we make regarding timing of trials and results of collaborations with third parties and future studies. All statements other than statements of historical fact are statements that should be deemed forward-looking statements. Forward-looking statements are neither historical facts nor assurances of future performance. Instead, they are based only on our current beliefs, expectations, and assumptions regarding the future of our business, future plans and strategies, projections, anticipated events and trends, the economy and other future conditions. Because forward-looking statements relate to the future, they are subject to inherent uncertainties, risks and changes in circumstances that are difficult to predict and many of which are outside of our control. Our actual results and financial condition may*

*differ materially and adversely from the forward-looking statements. Therefore, you should not rely on any of these forward-looking statements. Important factors that could cause our actual results and financial condition to differ materially from those indicated in the forward-looking statements include, among others, the following: (i) our ability to obtain additional funding to execute our business and clinical development plans; (ii) our lack of diversification the corresponding risk of an investment in our Company; (iii) our ability to maintain our listing on a national securities exchange; iv) progress and success of our clinical development program; (v) our ability to demonstrate the safety and effectiveness of our product candidates: ivospemin ( SBP-101 ), Flynpovi, and eflornithine (CPP-1X) (v) our ability to obtain regulatory approvals for our product candidates, SBP-101, Flynpovi and CPP-1X in the United States, the European Union or other international markets; (vii) the market acceptance and level of future sales of our product candidates, SBP-101, Flynpovi and CPP-1X ; (viii) the cost and delays in product development that may result from changes in regulatory oversight applicable to our product candidates, SBP-101, Flynpovi and CPP-1X ; (ix) the rate of progress in establishing reimbursement arrangements with third-party payors; (x) the effect of competing technological and market developments; (xi) the costs involved in filing and prosecuting patent applications and enforcing or defending patent claims; ; and (xi) such other factors as discussed in Part I, Item 1A under the caption “Risk Factors” in our most recent Annual Report on Form 10-K, any additional risks presented in our Quarterly Reports on Form 10-Q and our Current Reports on Form 8-K. Any forward-looking statement made by us in this press release is based on information currently available to us and speaks only as of the date on which it is made. We undertake no obligation to publicly update any forward-looking statement or reasons why actual results would differ from those anticipated in any such forward-looking statement, whether written or oral, whether as a result of new information, future developments or otherwise.*

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