Onconova Therapeutics Announces Poster Presentation at the American Society of Clinical Oncology Annual Meeting

June 5, 2023

Trial in Progress poster detailed design of Phase 2 program evaluating rigosertib monotherapy in advanced squamous cell carcinoma complicating recessive dystrophic epidermolysis bullosa

NEWTOWN, Pa., June 05, 2023 (GLOBE NEWSWIRE) -- Onconova Therapeutics, Inc. (NASDAQ: ONTX), ("Onconova"), a clinical-stage biopharmaceutical company focused on discovering and developing novel products for patients with cancer, today announced the presentation of a Trials in Progress poster at the American Society of Clinical Oncology (ASCO) Annual Meeting, which is taking place June 2 – 6, 2023 in Chicago, Illinois and online.

The poster, which was presented on Saturday, June 3, 2023, during the "Melanoma/Skin Cancers" session, detailed the design of an investigator-sponsored Phase 2 program evaluating rigosertib monotherapy in advanced squamous cell carcinoma complicating recessive dystrophic epidermolysis bullosa (RDEB-associated SCC). A copy of the poster, titled "A pilot, open study to assess efficacy and safety of ON-01910 (rigosertib) in patients with recessive dystrophic epidermolysis bullosa associated locally advanced/metastatic squamous cell carcinoma," is available on the "Scientific Presentations" section of the Onconova website.

About RDEB-associated SCC

RDEB is caused by insufficient expression of normal type VII collagen protein, which is responsible for anchoring the skin's inner layer to its outer layer. This leads to extreme skin fragility as well as chronic blistering and wound formation with recurrent infections in RDEB patients, many of whom go on to develop metastatic squamous cell carcinoma driven by overexpression of polo like kinase 1 (PLK-1). RDEB-associated SCC tumors show a highly aggressive and early metastasizing course that makes them the primary cause of death for these patients, with a cumulative risk of death of 70% and 78.7% by ages 45 and 55, respectively[1,2]. RDEB-associated SCC can appear in pediatric patients or in young adults. Currently available treatments such as targeted therapies and conventional chemo- and/or radiotherapy have demonstrated limited response rates and poor durability in RDEB-associated SCC[1,3].

About Onconova Therapeutics, Inc.

Onconova Therapeutics is a clinical-stage biopharmaceutical company focused on discovering and developing novel products for patients with cancer. The Company has proprietary targeted anti-cancer agents designed to disrupt specific cellular pathways that are important for cancer cell proliferation.

Onconova's novel, proprietary multi-kinase inhibitor narazaciclib (formerly ON 123300) is being evaluated in a combination trial with estrogen blockade in advanced endometrial cancer. Based on preclinical and clinical studies of CDK 4/6 inhibitors, Onconova is also evaluating opportunities for combination studies with narazaciclib in additional indications.

Onconova's product candidate rigosertib is being studied in multiple investigator-sponsored studies. These studies include a dose-escalation and expansion Phase 1/2a study of oral rigosertib in combination with nivolumab in patients with KRAS+ non-small cell lung cancer, a Phase 2 program evaluating rigosertib monotherapy in advanced squamous cell carcinoma complicating recessive dystrophic epidermolysis bullosa (RDEB-associated SCC), and a Phase 2 trial evaluating rigosertib in combination with pembrolizumab metastatic melanoma.

For more information, please visit www.onconova.com.

References

1. *Mellerio et al. Br J Dermatol. 2016 Jan; 174(1):56-67. doi: 10.1111/bjd.14104.*
2. *Fine et al. J Am Acad Dermatol. 2009 Feb; 60(2):203-11. doi: 10.1016/j.jaad.2008.09.035.*
3. *Stratigos et al. Eur J Cancer. 2020 Mar;128:83-102. doi: 10.1016/j.ejca.2020.01.008.*

Forward-Looking Statements

Some of the statements in this release are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, Section 21E of the Securities Exchange Act of 1934, as amended, and the Private Securities Litigation Reform Act of 1995, and involve risks and uncertainties. These statements relate to Onconova's expectations regarding its clinical development and trials, its product candidates, its business and financial position. Onconova has attempted to identify forward-looking statements by terminology including "believes," "estimates," "anticipates," "expects," "plans," "intends," "may," "could," "might," "will," "should," "preliminary," "encouraging," "approximately" or other words that convey uncertainty of future events or outcomes. Although Onconova believes that the expectations reflected in such forward-looking statements are reasonable as of the date made, expectations may prove to have been materially different from the results expressed or implied by such forward-looking statements. These statements are only predictions and involve known and unknown risks, uncertainties, and other factors, including the success and timing of Onconova's clinical trials, investigator-initiated trials and regulatory agency and institutional review board approvals of protocols, Onconova's collaborations, market conditions and those discussed under the heading "Risk Factors" in Onconova's most recent Annual Report on

Form 10-K and quarterly reports on Form 10-Q. Any forward-looking statements contained in this release speak only as of its date. Onconova undertakes no obligation to update any forward-looking statements contained in this release to reflect events or circumstances occurring after its date or to reflect the occurrence of unanticipated events.

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