



Press Release

Jubilant Therapeutics Inc. Doses First Patient in Phase I/II Trial Evaluating JBI-802, dual inhibitor of LSD1 and HDAC6, in patients with advanced solid tumors

- *JBI-802 is a first-in-class, orally administered, dual equipotent inhibitor of LSD1 & HDAC6*
- *JBI-802 demonstrated synergistic anti-tumor activity in animal models*

Bedminster, New Jersey, April 26, 2022 – Jubilant Therapeutics Inc., a biopharmaceutical company advancing small molecule precision therapeutics to address unmet medical needs in oncology and autoimmune diseases, today announced the dosing of the first patient in a Phase I/II clinical trial of JBI-802 in patients with advanced solid tumors. JBI-802 is a first-in-class, small-molecule, orally administered dual inhibitor of LSD1 and HDAC6 that has demonstrated synergistic anti-tumor activity in animal models.

The Phase I/II trial is an open label, two-part dose escalation and expansion study designed to define the safety and tolerability, explore predictive biomarkers and assess preliminary activity of JBI-802 in more than 100 study participants with advanced solid tumors. More information on the clinical trial can be found at [NCT05268666](https://clinicaltrials.gov/ct2/show/study/NCT05268666).

Hari S Bhartia, Chairman, Jubilant Therapeutics Inc. shared on the announcement, “*We have come a long way from drug discovery to first-in-human dosing. We look forward to making a difference in patients’ lives. Our expertise in structure-based drug design and medicinal chemistry enables us to create differentiated precision therapeutics with truly innovative properties.*”

Syed Kazmi, Chief Executive Officer, Jubilant Therapeutics Inc. said, “*JBI-802, effectively modulates two validated oncology targets with similar affinity and quick on/off exposure kinetics, leading to synergistic anti-tumour activity with a reduced risk of thrombocytopenia. This is our first internally developed product candidate to enter clinical development. Other advancing programs include an oral brain penetrant inhibitor of PRMT5, JBI 778, and an oral brain penetrant PDL1 inhibitor, JBI 2174, for neurological cancers among others.*”

About JBI-802

JBI-802 is novel, oral, potent and selective dual inhibitor of two epigenetic targets of the CoREST complex: LSD1 and HDAC6. It targets stem cell modulation by inhibiting LSD1 and modulates immune suppression with isoform selective HDAC6 inhibition. Preclinical research has demonstrated its synergistic anti-tumor activity, which is superior vs. either target alone and a favorable safety profile with no significant safety concerns or accumulation. It will be evaluated in both solid tumors, such as small cell lung cancer and neuroendocrine prostate cancer and

hematological cancers such as acute myelogenous leukemia, myelodysplastic syndrome, and other myeloproliferative cancers.

About Jubilant Therapeutics Inc.

Jubilant Therapeutics Inc. is a patient-centric biopharmaceutical company advancing potent and selective small molecule modulators to address unmet medical needs in oncology and autoimmune diseases. Its advanced discovery engine integrates structure-based design and computational algorithms to discover and develop novel, precision therapeutics against both first-in-class and validated but intractable targets in genetically defined patient populations. The Company is progressing its most advanced program, a first in class dual inhibitor of LSD1/HDAC6, into a Phase I/II clinical trial in 1H 2022, followed by additional INDs with novel brain-penetrant modulators of PRMT5 and PDL1, as well as PAD4 inhibitors in oncology and inflammatory indications. Jubilant Therapeutics Inc. is headquartered in Bedminster, NJ, and is guided by globally renowned key opinion leaders and scientific advisory board members. For more information, please visit www.jubilanttx.com or follow us on Twitter [@JubilantTx](https://twitter.com/JubilantTx) and [LinkedIn](#).

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