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ASX Announcement

Third complete response in PTX-200 AML Trial

- **Three patients had total eradication of their cancer (complete response)**
- **AML study to expand with protocol amendment to optimize dosing and schedule of PTX-200 & cytarabine based on recent results**

MELBOURNE Australia, 27 November 2019: Prescient Therapeutics Limited (ASX: PTX) ("Prescient"), a clinical stage company developing personalised medicine approaches to cancer, today announced it would expand its Phase 1b study in patients with acute myeloid leukemia (AML), following an encouraging third complete response (total eradication of disease).

Three of a total of 15 patients experienced complete responses in the study in relapsed or refractory AML patients, which is a difficult to treat cancer population. The three patients had between 25-35mg/m^2 PTX-200, together with 200-400mg/m^2 cytarabine.

In consultation with the study investigators, Prescient is making a protocol amendment to change the dosing schedule of PTX-200 in relation to the administration of chemotherapy agent cytarabine with the aim of minimizing overlapping drug interactions. In a previous Phase 1b study in acute leukemias using PTX-200 as a single agent no such side effects were observed, suggesting that the effects seen in the current study may be due to the overlapping interaction of chemotherapy agent cytarabine and PTX-200. Generally, most patients receiving treatment on the study by group have tolerated planned dose levels. Transaminase elevation was observed in three patients, although only one was dose limiting. The amendment will go through usual FDA and ethics committee reviews and the study should be able to re-start enrolment in early 2020.

Prescient's Chief Medical officer, Dr Terrence Chew said, "The three complete responses observed are very encouraging in a hard to treat patient population. Through this protocol

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amendment, we aim to get more patients through more cycles of therapy, with the hope of expanding upon these responses. Our investigators are very supportive of these amendments, as they are encouraged by these results in a patient population that is very difficult to treat and who currently have few treatment options."

The study is led by world-renowned leukemia expert Professor Jeffrey Lancet at the H. Lee Moffitt Cancer Center in Florida; and also includes Kansas University Medical Center and Yale Cancer Center.

- Ends -

About Prescient Therapeutics Limited (Prescient)

Prescient Therapeutics is a clinical stage oncology company developing personalised medicine approaches to cancer, including targeted and cellular therapies.

PTX-100 is a first in class compound with the ability to block an important cancer growth enzyme known as geranylgeranyl transferase-1 (GGT-1). It disrupts oncogenic Ras pathways by inhibiting the activation of Rho, Rac and Ral circuits in cancer cells, leading to apoptosis (death) of cancer cells. PTX-100 is believed to be the only RhoA inhibitor in the world in clinical development. PTX-100 is currently in a PK/PD basket study of hematological and solid malignancies, focusing on cancers with Ras and RhoA mutations. In a previous Phase 1 trial in advanced solid tumors, PTX-100 was well tolerated and achieved stable disease.

PTX-200 is a novel PH domain inhibitor that inhibits an important tumor survival pathway known as Akt, which plays a key role in the development of many cancers, including breast and ovarian cancer, as well as leukemia. Unlike other drug candidates that target Akt inhibition which are non-specific kinase inhibitors that have toxicity problems, PTX-200 has a novel mechanism of action that specifically inhibits Akt whilst being comparatively safer. This highly promising compound is now the focus of three current clinical trials:

- Phase 2 study examining PTX-200 in breast cancer patients at the prestigious Montefiore Cancer Center in New York and Florida's H. Lee Moffitt Cancer Center (Moffitt). PTX-200 showed encouraging efficacy signals in the Phase 1b study, with twice the expected response rate. Responses have demonstrated durability in the study so far.
- Phase 1b/2 trial evaluating PTX-200 as a new therapy for relapsed and refractory Acute Myeloid Leukemia, being conducted the Moffitt; Yale Cancer Center in New Haven, Connecticut (Yale) and Kansas University Medical Center (KUMC) under the leadership of Professor Jeffrey Lancet, MD.
- Phase 1b/2 trial of PTX-200 in combination with current standard of care is also underway in patients with recurrent or persistent platinum resistant ovarian cancer at the Moffitt.

Prescient also has a collaboration with Carina Biotech developing new CAR-T therapy approaches.

Find out more at ptxtherapeutics.com, or connect with us via Twitter @PTX_AUS and LinkedIn.

For more information please contact:

Steven Yatomi-Clarke
CEO & Managing Director
Prescient Therapeutics Limited
+61 417 601 440

Andrew Geddes
CityPR
+61 2 9267 4511

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