

Prescient PTX-100 Ph1b abstract published online on American Society of Hematology website

MELBOURNE Australia, 6 November 2023: Prescient Therapeutics (ASX: PTX), a clinical stage oncology company developing personalised therapies for cancer, is pleased to announce that its abstract for PTX-100 at the American Society of Hematology (ASH) was published online, ahead of a presentation on Saturday 9 December (US time). The abstract can be viewed online [here](#) or at: <https://ash.confex.com/ash/2023/webprogram/Paper179411.html>.

Data cut off for this abstract was 10 July 2023 and the trial is ongoing with patients still on study. As previously indicated, Prescient will make an announcement of the PTX-100 Phase 1b trial results, that includes updated and additional data, on the next business day following the ASH presentation (11 December).

The ASH abstract provides interim results from the Phase 1b clinical study evaluating PTX-100 in patients with relapsed and refractory T-cell lymphoma (TCL). The abstract outlines that 14 patients with TCL were treated as at the cut-off date, with ten patients having response assessments after 4 cycles of therapy, with an overall response rate of 40%. Additionally, two CTCL patients (20%) had durable stable disease greater than 6 months, contributing to a 60% Disease Control Rate. The median Progression Free Survival (PFS) for all TCL patients was 5.3 months, CTCL patients 13.6 months and PTCL patients 2.5 months. Given small patient numbers, previous reports of PFS used averages. The abstract measures median PFS in line with reporting requirements.

Prescient CEO and Managing Director, Steven Yatomi-Clarke, said, "Prescient is very pleased to have this study accepted for presentation at the prestigious ASH conference, the most attended conference on hematologic diseases in the world, attended by international pharmaceutical and biotech companies and leading oncologists. The Phase 1b data continues to be very promising in this difficult to treat patient population. With the study ongoing, we look forward to presenting updated Phase 1b results in December, as previously advised."

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About Prescient Therapeutics Limited (Prescient)

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

Targeted 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 GGT-1 inhibitor in the world in clinical development. PTX-100 demonstrated safety and early clinical activity in a previous Phase 1 study and recent PK/PD basket study of hematological and solid malignancies. PTX-100 is now in a Phase 1b expansion cohort study in T cell lymphomas, where it is showing encouraging efficacy and safety. The US FDA has granted PTX-100 Orphan Drug Designation for all T Cell Lymphomas.

PTX-200 is a novel PH domain inhibitor that inhibits an important tumour 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, PTX-200 has a novel mechanism of action that specifically inhibits Akt without non-specific kinase inhibition effects. PTX-200 is currently in a Phase 1b/2 trial in relapsed and refractory AML, where it has resulted in 4 complete remissions so far. PTX-200 previously generated encouraging Phase 2a data in HER2-negative breast cancer and Phase 1b in recurrent or persistent platinum resistant ovarian cancer.

Cell Therapies

CellPryme-M: Prescient's novel, ready-for-the-clinic, CellPryme-M technology enhances adoptive cell therapy performance by shifting T and NK cells towards a central memory phenotype, improving persistence, and increasing the ability to find and penetrate tumours. CellPryme-M is a 24-hour, non-disruptive process during cell manufacturing. Cell therapies that could benefit from additional productivity in manufacturing or increased potency and durability in-vivo, would be good candidates for CellPryme-M.

CellPryme-A: CellPryme-A is an adjuvant therapy designed to be administered to patients alongside cellular immunotherapy to help them overcome a suppressive tumour microenvironment. CellPryme-A significantly decreases suppressive regulatory T cells; increases expansion of CAR-T cells in vivo; increases tumour penetration of CAR-T cells. CellPryme-A improves tumour killing and host survival of CAR-T cell therapies, and these benefits are even greater when used in conjunction with CellPryme-M pre-treated CAR-T cells.

OmniCAR: is a universal immune receptor platform enabling controllable T-cell activity and multi- antigen targeting with a single cell product. OmniCAR's modular CAR system decouples antigen recognition from the T-cell signalling domain. It is the first universal immune receptor allowing post- translational covalent loading of binders to T-cells. OmniCAR is based on technology licensed from Penn; the SpyTag/SpyCatcher binding system licensed from Oxford University; and other assets. OmniCAR is in pre-clinical development.

The targeting ligand can be administered separately to CAR-T cells, creating on-demand T-cell activity post infusion and enables the CAR-T to be directed to an array of different tumour antigens. OmniCAR provides a method for single-vector, single cell product targeting of multiple antigens simultaneous or sequentially, whilst allowing continual re-arming to generate, regulate and diversify a sustained T-cell response over time.

Find out more at www.ptxtherapeutics.com or connect with us via Twitter [@PTX_AUS](https://twitter.com/PTX_AUS) and [LinkedIn](https://www.linkedin.com/company/ptxtherapeutics).

The Board of Prescient Therapeutics Limited has approved the release of this announcement.

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Supplemental COVID-19 Risk Factors

Please see our website: [Supplemental COVID-19 Risk Factors](#)