PTX-100 Expansion Cohort Continues to Exhibit Safety & Encouraging Clinical Activity

Key Points:

- **Ongoing safety profile very favourable**
- **PTX-100 continues to exhibit encouraging clinical activity**
- **Additional CTCL patients to be added to trial**

MELBOURNE Australia 25 October 2022: Prescient Therapeutics Limited (ASX: PTX), a clinical stage oncology company developing personalised therapies to treat cancer, is pleased to provide an update on the PTX-100 Phase 1b expansion cohort in relapsed and refractory T cell lymphomas (TCL). The study is being led by globally renowned haematologist, Professor H. Miles Prince at Epworth Hospital in Melbourne, Australia. PTX-100 continues to exhibit an excellent safety profile at the highest dose of 2000 mg/m^2. Moreover, PTX-100 continues to show encouraging clinical activity in a difficult to treat patient population, including a striking response in a patient with refractory cutaneous TCL (CTCL).

Phase 1b Enrolment

The expansion cohort has targeted 8-12 patients. A total of 8 patients have been screened and 7 patients have been dosed with PTX-100 in the expansion cohort so far: 4 with peripheral TCL (PTCL) and 3 with CTCL. Patients had received a median of 4 prior lines of therapy and up to 6 prior lines of therapy. PTX-100 was administered at 2,000 mg/m2. Four patients remain on therapy and additional patients are being recruited.

Safety

PTX-100 continues to exhibit an excellent safety profile on the study. There have been very few adverse events in the expansion cohort so far, and no serious adverse events related to PTX-100.

2 PTCL patients that had commenced therapy withdrew from the study for reasons unrelated to the trial. Another PTCL patient passed away due to reasons not associated with the study, as frequently occurs in studies of advanced malignancies. In each of these cases, subjects were not on the study long enough to observe responses, however, relevant pharmacokinetic and safety data were still collected, which are to the primary objectives of the study.

Clinical activity

Although the primary goal of the expansion cohort is to evaluate safety, PTX-100 continues to exhibit encouraging clinical activity in the difficult-to-treat patient population. An update of observed responses is summarised below:

- Patient 121-003 (previously reported in dose escalation component of the study) with aggressive PTCL that had failed five prior treatments, had a partial response that endured for over 32 months before the disease progressed.
- Patient 121-010 with CTCL that had failed 4 prior lines of therapy experienced a very good partial response (VGPR), which is almost a complete response, that has endured for 6 months so far. This patient remains on therapy. Please refer to the case study photos below.
- Another 2 patients with CTCL that failed three prior therapies have experienced stable disease that have endured for 3-4 months so far and remain on therapy.

Case study: Patient 121-010

CTCL patient that had failed 4 prior therapies. Patient had VGPR on PTX-100 and is still on treatment.

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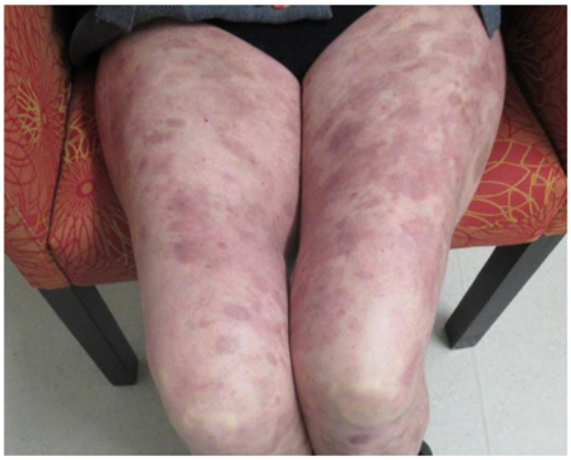

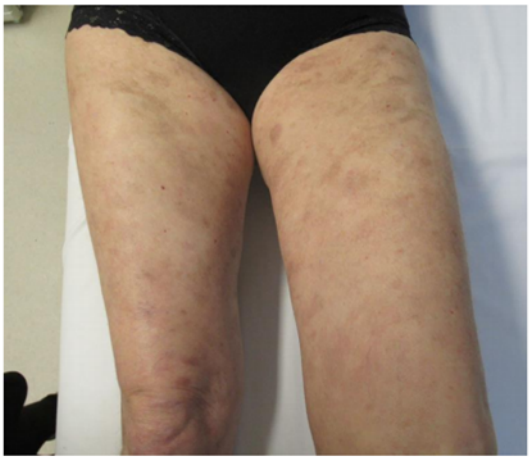

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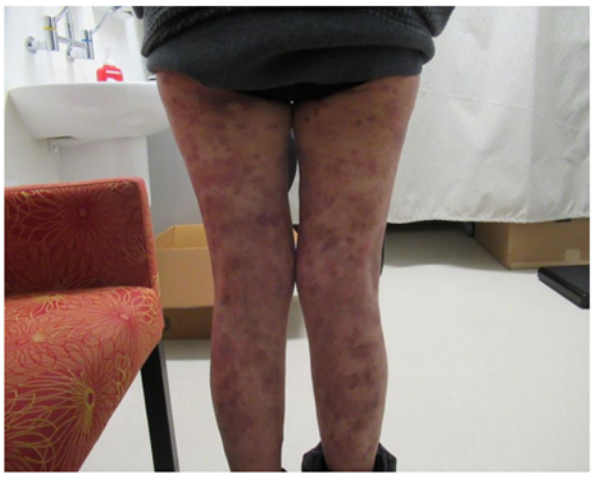

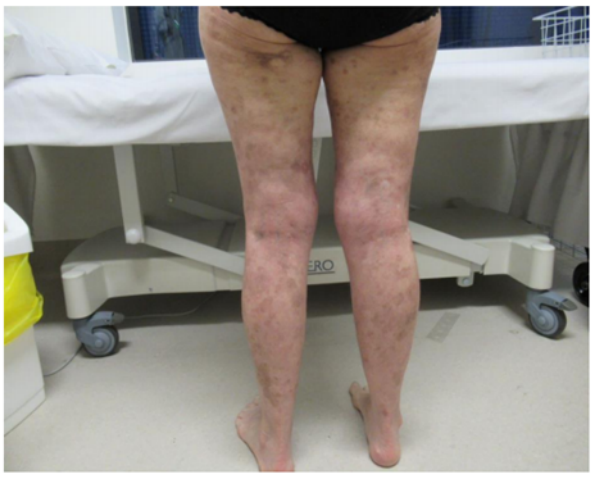

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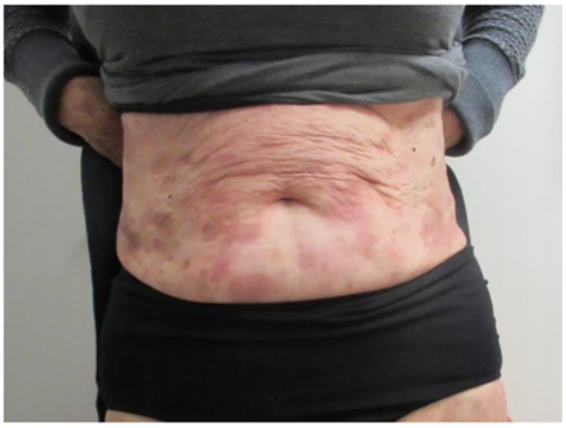

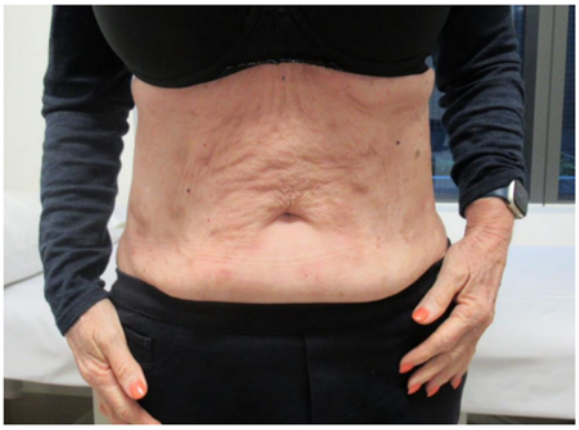

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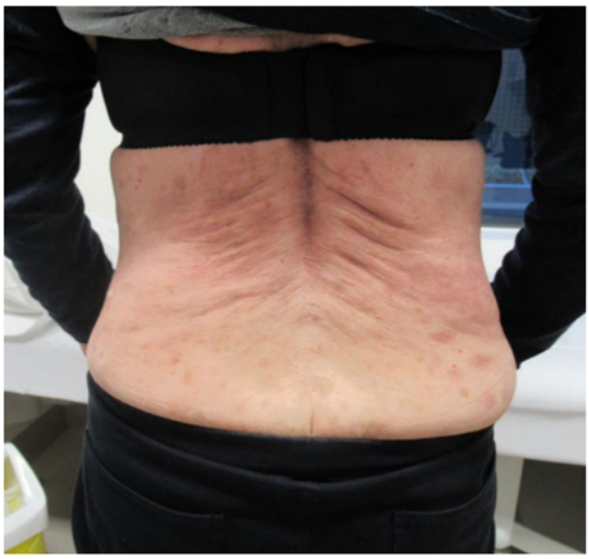

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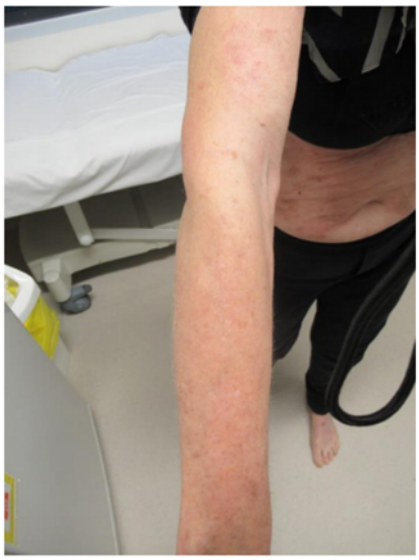

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Next steps

In light of these encouraging responses in CTCL in particular, Prescient has amended the study protocol to accommodate the recruitment of additional CTCL patients. Recruitment remains on schedule, notwithstanding the new objective of recruiting additional CTCL patients, which may commensurately extend the study period. The study will remain open while patients continue to derive clinical benefit from PTX-100. Prescient looks forward to providing further details on the expansion cohort study in the coming quarter.

Principle Investigator of the study, Professor H. Miles Prince, said, "We continue to see impressive responses in both systemic and cutaneous T cell lymphomas on this study. Furthermore, PTX-100 continues to be extremely well tolerated by patients. We look forward to continue accruing patients to the trial who otherwise have limited treatment options."

Prescient's CEO and Managing Director, Steven Yatomi-Clarke said, "It is very exciting to see PTX-100 show clinical activity in a patient population that is notoriously difficult to treat, and where these patients have failed several lines of prior therapies. Furthermore, PTX-100 continues to exhibit an excellent safety profile, which is uncharacteristic of available TCL therapies. It is exciting to see encouraging responses in CTCL patients, alongside PTCL patients, and we will aim to recruit more CTCL patients to the study. We look forward to sharing these updates with the market."

– Ends –

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About Prescient Therapeutics Limited (Prescient)

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

Cell Therapies

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.

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.

Prescient is developing OmniCAR programs for next-generation CAR-T therapies for Acute Myeloid Leukemia (AML); Her2+ solid tumours, including breast, ovarian and gastric cancers; and glioblastoma multiforme (GBM).

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.

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 has shown encouraging efficacy signals and safety.

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. This highly promising compound 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.

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

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

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Supplemental COVID-19 Risk Factors

Please see our website : Supplemental COVID-19 Risk Factors