Prescient Completes CAR-T Manufacturing Milestone for Next Generation Immunotherapy Platform

KEY POINTS:

- **Prescient has incorporated SpyTag into a range of binders for its three next generation CAR-T programs**
- **Prescient has also received delivery of lentiviral vectors that will be used to produce CAR-T cells expressing SpyCatcher**
- **The SpyTag binders and CAR-T cell expressing SpyCatcher are the novel components for Prescient's unique next generation OmniCAR platform**

MELBOURNE Australia 24 June 2021: Prescient Therapeutics Limited (ASX: PTX) ("Prescient"), a clinical stage oncology company developing personalised medicine approaches to cancer, today announced the successful completion of the manufacturing and delivery of crucial components of the OmniCAR platform for Prescient's in-house programs of next-generation CAR-T therapies.

A range of binders against a variety of cancer targets, including CLL-1; CD33; Her2 and EGFRviii, have been manufactured by a leading US antibody manufacturer. All binders have incorporated SpyTag, which is required for covalent binding to immune cells (such as T-cells) in the OmniCAR system.

Additionally, Prescient has also received delivery of lentiviral vectors that will be used to produce CAR-T cells expressing SpyCatcher. Lentiviral vectors are a rate-limiting step in CAR-T production. Together the SpyTagged binders and CAR-T cells expressing SpyCatcher form the basis for the unique, modular OmniCAR platform.

The binders and lentiviral vectors have been delivered to the Peter MacCallum Cancer Centre (Peter Mac) in Melbourne for construct testing and in vitro and in vivo development.

Prescient's CEO and Managing Director, Steven Yatomi-Clarke said, "Demonstrating that novel components can be manufactured is a crucial milestone in the development of an innovative next-generation CAR platform like OmniCAR. Successfully producing binders for CLL-1; CD33; Her2 and EGFRviii will enable our research team to produce CAR-T cells for our three in-house programs. We are also pleased to have timely delivery of lentiviral vectors, which is rate-limiting in manufacturing CAR-Ts and have proven to be a bottleneck for many developers."

"Prescient's research team at the Peter Mac has completed all the preparatory work in parallel, and the delivery of the binders and vectors now enables the team to progress the development of our in-house next-generation cell therapies."

Prescient is developing OmniCAR programs for acute myeloid leukemia; Her2+ solid tumours, including breast, ovarian and gastric cancers; and glioblastoma multiforme (the most common form of brain cancer). In addition, Prescient has developed OmniCAR as a platform, allowing collaborations and partnerships under licence with third parties wishing to incorporate OmniCAR to enhance their respective cell therapies.

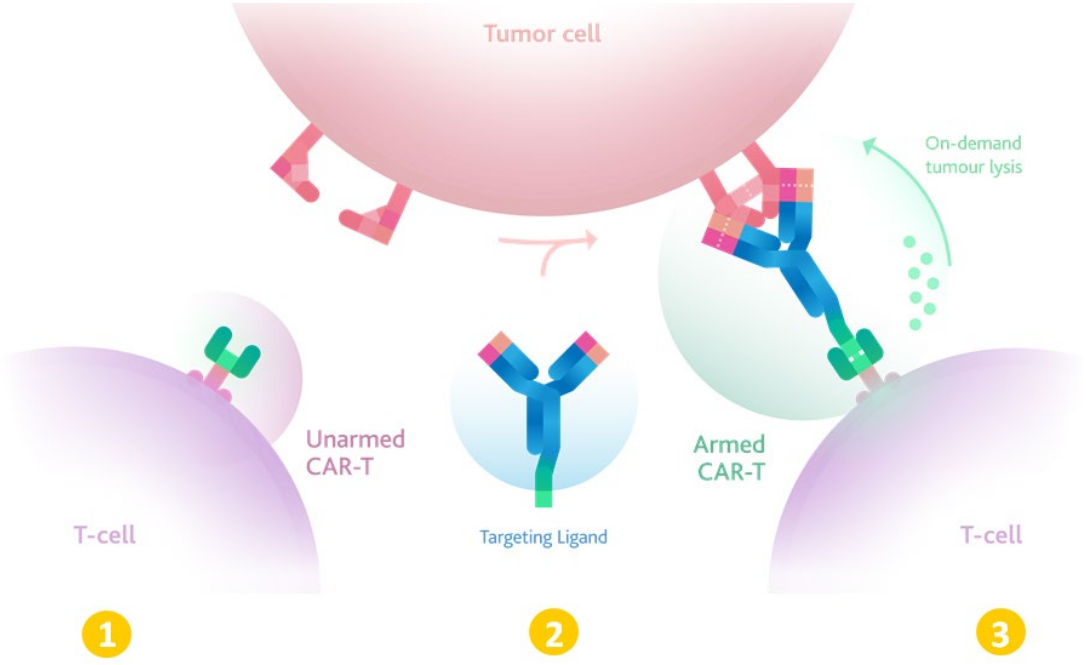
The OmniCAR platform is based on technologies developed at the University of Pennsylvania and University of Oxford. Prescient has the worldwide license to commercialise the technologies.

Investor Briefing:

Prescient Therapeutics will host a briefing for shareholders and investors to discuss progress with the OmniCAR research programs and Peter Mac partnership with Professor Phil Darcy from Peter Mac; Prescient's Director of Scientific Affairs, Dr Rebecca Lim; and Prescient CEO Steven Yatomi-Clarke.

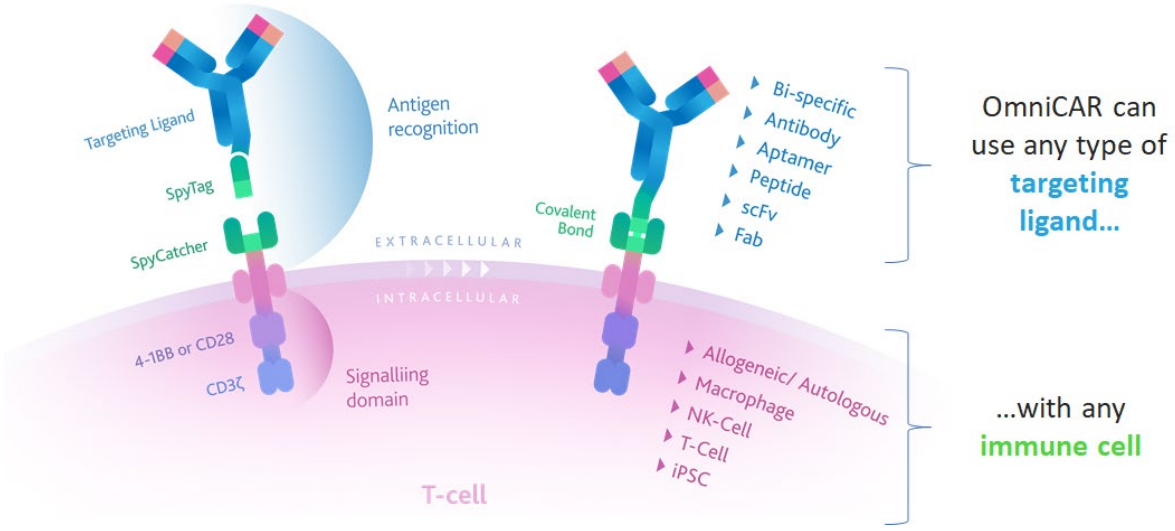
Date: Thursday, 1 July
Time: 11am AEST
Click here to register: https://prescienttherapeutics.investorportal.com.au/investor-briefing/

How OmniCAR works



1. Unarmed CAR-T cells are administered to patient viable, but inactive.
2. Separate administration of targeting ligand (binder).
3. The two components come together to form a fully armed and activated CAR-T cell, resulting in on-demand tumour killing. CAR-T cell activity is now controllable, and its target specificity can be switched at-will.

OmniCAR components



– Ends –

To stay updated with the latest company news and announcements, please update your details on our investor centre: https://prescienttherapeutics.investorportal.com.au/

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).

Cell Therapy Enhancements: Prescient has several other initiatives underway to develop new cell therapy approaches.

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 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 tumours, PTX-100 was well tolerated and achieved stable disease.

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 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 has previously generated encouraging Phase 2a data in HER2-negative breast cancer and Phase 1b in recurrent or persistent platinum resistant ovarian cancer, with a Phase 1b/2 trial currently underway in relapsed and refractory AML.

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.

To stay updated with the latest company news and announcements, please update your details on our investor centre: https://prescienttherapeutics.investorportal.com.au/

Steven Yatomi-Clarke	**Investor enquiries:**	**Media enquiries:**
CEO & Managing Director	Warrick Lace – Reach Markets	Andrew Geddes – CityPR
Prescient Therapeutics	+61 404 656 408	+61 2 9267 4511
steven@ptxtherapeutics.com	warrick.lace@reachmarkets.com.au	ageddes@citypublicrelations.com.au

Disclaimer and Safe Harbor Statement

Certain statements made in this document are forward-looking statements within the meaning of the safe harbor provisions of the United States Private Securities Litigation Reform Act of 1995. These forward-looking statements are not historical facts but rather are based on the current expectations of Prescient Therapeutics Limited ("Prescient" or the "Company"), their estimates, assumptions, and projections about the industry in which Prescient operates. Material referred to in this document that use the words 'estimate', 'project', 'intend', 'expect', 'plan', 'believe', 'guidance', and similar expressions are intended to identify forward-looking statements and should be considered an at-risk statement. These forward-looking statements are not a guarantee of future performance and involve known and unknown risks and uncertainties, some of which are beyond the control of Prescient or which are difficult to predict, which could cause the actual results, performance, or achievements of Prescient to be materially different from those which may be expressed or implied by these statements. These statements are based on our management's current expectations and are subject to a number of uncertainties and risks that could change the results described in the forward-looking statements. Risks and uncertainties include, but are not limited to, general industry conditions and competition, general economic factors, global pandemics and related disruptions, the impact of pharmaceutical industry development and health care legislation in the United States and internationally, and challenges inherent in new product development. In particular, there are substantial risks in drug development including risks that studies fail to achieve an acceptable level of safety and/or efficacy. Investors should be aware that there are no assurances that results will not differ from those projected and Prescient cautions shareholders and prospective shareholders not to place undue reliance on these forward-looking statements, which reflect the view of Prescient only as of the date of this announcement. Prescient is not under a duty to update any forward-looking statement as a result of new information, future events or otherwise, except as required by law or by any appropriate regulatory authority.

Certain statements contained in this document, including, without limitation, statements containing the words "believes," "plans," "expects," "anticipates," and words of similar import, constitute "forward-looking statements." Such forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause the actual results, performance or achievements of Prescient to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Such factors include, among others, the following: the risk that our clinical trials will be delayed and not completed on a timely basis; the risk that the results from the clinical trials are not as favourable as we anticipate; the risk that our clinical trials will be more costly than anticipated; and the risk that applicable regulatory authorities may ask for additional data, information or studies to be completed or provided prior to their approval of our products. Given these uncertainties, undue reliance should not be placed on such forward-looking statements. The Company disclaims any obligation to update any such factors or to publicly announce the results of any revisions to any of the forward-looking statements contained herein to reflect future events or developments except as required by law.

This document may not contain all the details and information necessary for you to make a decision or evaluation. Neither this document nor any of its contents may be used for any other purpose without the prior written consent of the Company.

Supplemental COVID-19 Risk Factors

Please see our website : Supplemental COVID-19 Risk Factors