



## Prescient Extending Testing in COVID-19 Antiviral Screening Program with Doherty Institute

**MELBOURNE Australia, 9 December 2020** – Prescient Therapeutics (Prescient; ASX: PTX), a clinical stage oncology company developing personalised medicine approaches to cancer, provides plans to extend the Testing Program for SARS-CoV-2 Antiviral Drugs (Testing Program) of Prescient's assets, being conducted by Peter Doherty Institute for Infection and Immunology (Doherty Institute).

The purpose of the evaluation is to determine the antiviral activity of these assets in SARS-CoV-2 infected Vero cells. This is the first time that these assets have been evaluated for utility in COVID-19.

The Company expects the program to involve multiple tests over time, as this is typical in pre-clinical stage research. Initial findings from the first tests were inconclusive, but have led both Doherty Institute and Prescient to extend the Testing Program with amendments made to study designs. The Doherty expects to commence testing late December with the next set of results expected in first quarter of 2021.

– 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.

#### 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.

**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 encouraging Phase 2a data in HER2-negative breast cancer; Phase 1b/2 in relapsed and refractory AML and Phase 1b in recurrent or persistent platinum resistant ovarian cancer:

### COVID-19 Therapies

Two assets are being assessed by the Doherty Institute for antiviral activity against SARS-CoV-2, the virus that causes COVID-19 disease.

Find out more at [ptxtherapeutics.com](http://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](#)