



## Leading International Blood Cancer Specialist Professor H. Miles Prince AM Joins Prescient Scientific Advisory Board

**MELBOURNE Australia, 17 December 2020** – Prescient Therapeutics (ASX: PTX), a clinical stage oncology company developing personalised therapies to treat cancer, today announced the appointment of internationally renowned Australian haematologist and blood cancer researcher Professor H. Miles Prince AM to its Scientific Advisory Board (SAB).

Professor Prince has contributed to the successful development of several new cancer therapies now in use worldwide. He is lead investigator in the Phase 1b trial of Prescient's targeted anti-cancer therapy, PTX-100, currently enrolling patients at Melbourne's Epworth Healthcare and Peninsula & South Eastern Haematology and Oncology Group.

In addition to advancing revolutionary new targeted therapies like PTX-100, Professor Prince has pioneered the research and development of Chimeric Antigen Receptor T-cell (CAR-T) therapies in Australia.

Professor Prince said, "It is a very exciting time in cancer research with new targeted therapies and the arrival of cellular therapies as a game-changing new paradigm. Targeted therapies and immune therapies are providing opportunities to treat patients more effectively with results not previously imagined."

Prescient Managing Director and CEO Steven Yatomi-Clarke said, "Prescient is honoured to already be working with Professor Prince on our ongoing study with PTX-100. Moreover, Professor Prince has substantial experience in many other areas of cancer treatments and drug development, including as a pioneer in CAR-T development. We warmly welcome Professor Prince to our SAB and look forward to drawing on his incredible knowledge as we develop our exciting pipeline of new cancer treatments."

### **Professor H. Miles Prince AM**

Professor Miles Prince AM is a specialist haematologist who manages all types of blood-related conditions as well as cancers of the blood. He is a full Professor at both The University of Melbourne and Monash University. He is involved in major research programs involving genomics, stem cell research and the mechanism of the immune systems control of blood and cancer growth. Professor Prince is involved in multiple clinical trials related to this research. He holds major Australian, American and European research grants and has published over 450 journal articles. Professor Prince is a member of Australian, American and European Societies of Haematology and Oncology,



and is on the boards of International Society of cutaneous lymphoma, International Waldenstrom's macroglobulinemia Foundation, LymphomHub, MyelomHub, Australian Lymphoma Alliance and chairman of the Medical Scientific Advisory Group of Myeloma Australia. He is Director of Molecular Oncology and Cancer Immunology at Epworth Healthcare. In 2014 he was awarded a Member of the Order of Australia (general division) for significant services to blood cancer research, patient care and philanthropy leadership.

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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.

**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](#)