

ASX Announcement

Imugene PD1-Vaxx immunotherapy patent granted in the US

Sydney, Australia, 10 February 2023: Imugene Limited (ASX: IMU), a clinical stage immuno-oncology company, is pleased to announce that it has received a Notice of Allowance from the U.S. Patent and Trademark Office (USPTO) for patent application number 16/498,929, related to its B-cell activating immunotherapy PD1-Vaxx, currently in clinical development for non-small cell lung cancer (NSCLC).

The patent titled “HUMAN PD1 PEPTIDE VACCINES AND USES THEREOF” protects to 2038 the composition of matter and method of treatment in cancer of Imugene’s PD1-Vaxx for the generation of a therapeutic antibody response against the programmed death-1 (PD1) checkpoint target.

Final preparations are in place for a clinical trial combining PD1-Vaxx in combination with atezolizumab (Tecentriq®), an immune checkpoint inhibitor (ICI) targeting PD-L1, in patients NSCLC.

The objectives of the phase 1b trial, “An Open Label, Multi-Center, Dose Escalation/Expansion, Phase 1 Study of IMU-201 (PD1-Vaxx), a B-Cell Immunotherapy as monotherapy or in combination with atezolizumab, in Adults with Non-Small Cell Lung Cancer,” are to determine safety, efficacy, and optimal dose of PD1-Vaxx in combination with atezolizumab as either first-line therapy in ICI treatment-naïve NSCLC patients or ICI pre-treated patients. The study will be conducted at sites in USA and Australia.

Imugene’s PD1-Vaxx is a B-cell activating immunotherapy designed to treat tumours such as lung cancer by interfering with PD-1/PD-L1 binding and interaction and produce an anti-cancer effect similar to Tecentiq®, Keytruda®, Opdivo® and the other immune checkpoint inhibitor monoclonal antibodies that are transforming the treatment of a range of cancers.



Imugene MD & CEO Leslie Chong said: “It’s vital to our business that we continue locking in intellectual property protection across the portfolio of assets, and I am proud to continue to strengthen our IP. With the US being the largest healthcare market in the world, this is a particularly important patent to protect our PD1-Vaxx technology as we continue its development.”

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About Imugene (ASX:IMU)

Imugene is a clinical stage immuno-oncology company developing a range of new and novel immunotherapies that seek to activate the immune system of cancer patients to treat and eradicate tumours. Our unique platform technologies seek to harness the body’s immune system against tumours, potentially achieving a similar or greater effect than synthetically manufactured monoclonal antibody and other immunotherapies. Our product pipeline includes multiple immunotherapy B-cell vaccine candidates and an oncolytic virotherapy (CF33) aimed at treating a variety of cancers in combination with standard of care drugs and emerging immunotherapies such as CAR T’s for solid tumours. We are supported by a leading team of international cancer experts with extensive



experience in developing new cancer therapies with many approved for sale and marketing for global markets.

Our vision is to help transform and improve the treatment of cancer and the lives of the millions of patients who need effective treatments. This vision is backed by a growing body of clinical evidence and peer-reviewed research. Imugene is well funded and resourced, to deliver on its commercial and clinical milestones. Together with leading specialists and medical professionals, we believe Imugene's immuno-oncology therapies will become foundation treatments for cancer. Our goal is to ensure that Imugene and its shareholders are at the forefront of this rapidly growing global market.

Release authorised by the Managing Director and Chief Executive Officer