

ASX Announcement

Imugene Oncolytic Virotherapy CF33 Patent Allowed in the US

- Core US patent allowed in major oncology market
- Patent provides method of composition and method of use protection to 2037

Sydney, Australia, 19 July 2023: Imugene Limited (ASX:IMU) a clinical stage immuno-oncology company today announced it has received a Notice of Allowance from the US Patent and Trademark Office (USPTO) for patent application number 16/324,541 which protects its oncolytic virotherapy CF33, including VAXINIA (CF33-hNIS) and CHECKVacc (CF33-hNIS-antiPDL1).

The patent titled “CHIMERIC POXVIRUS COMPOSITION AND USES THEREOF” (inventors Yuman Fong and Nanhai Chen from the City of Hope) protects the method of composition and method of use of Imugene’s licensed oncolytic virotherapy to 2037.

CF33 is a chimeric vaccinia poxvirus from the lab of inventor Professor Yuman Fong, Chair of Sangiacomo Family Chair in Surgical Oncology at City of Hope, and a noted expert in the oncolytic virus field.

Oncolytic viruses (OVs) are designed to both selectively kill tumour cells and activate the immune system against cancer cells, with the potential to improve clinical response and survival.

Imugene MD & CEO Leslie Chong said: “Imugene receiving this patent allowance for the CF33 family of oncolytic viruses from the US patent office is a crucial step forward and with the US being the largest healthcare market in the world, this is a particularly important patent milestone.”

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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