

Medical University Vienna presents positive new data on one of Imugene's lead PD-1 mimotope cancer vaccines at the American Association for Cancer Research 2019 Annual Meeting

SYDNEY, Australia, 3 April 2019: Imugene Limited (ASX:IMU), a clinical stage immuno-oncology company, together with the Medical University Vienna today presented positive new data on the PD-1 mimotope cancer vaccine program at the American Association for Cancer Research (AACR) 2019 Annual Meeting.

Highlights of the presentation included;

- Research led by Prof Wierdermann successfully inhibited tumor growth in a syngeneic mouse model of HER-2+ breast cancer via both passive and active immunisation strategies with PD-1 targeting B-cell cancer vaccines.
- For the active immunisation study, which is of greatest interest and potential value to cancer researchers, the surrogate vaccine derived from mouse PD-1 was able to “brake tolerance” thereby inducing a sustained antibody response to the self-protein PD-1.
- The findings provide proof of concept and validation for the human PD-1 cancer vaccine KEY-Vaxx.

The presentation by Dr Joshua Tobias from the Medical University Vienna, was entitled ‘PD1 B cell mimotopes with functional PD1-PDL1 blocking capacity and anti-tumor activity: New strategy for a multi-level cancer immunotherapy.’

The presentation was authored by Dr Tobias and Professor Ursula Wierdermann from the Medical University Vienna together with leading researchers from the University of Gothenburg Sweden, the University of Veterinary Medicine Vienna and the Vienna Cancer Centre Austria

The Medical University Vienna and Imugene are working to develop mimotope based cancer vaccines.

The content of the poster presentation is available on the Imugene website.

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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 tumors. Our unique platform technologies developed at the Medical University Vienna and Ohio State University, seek to harness the body's immune system to generate antibodies against tumours, potentially achieving a similar or greater effect than synthetically manufactured monoclonal antibody therapies. Our product pipeline includes multiple immunotherapy B-cell vaccine candidates aimed at treating a variety of cancers in combination with standard of care drugs and emerging immunotherapies. 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, researchers and medical professionals, we believe Imugene's immuno-oncology therapies will become a foundation treatment for cancer. Our goal is to ensure that Imugene and its shareholders are at the forefront of this rapidly growing global market.