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DEFENCE THERAPEUTICS IS GRANTED PATENTS IN JAPAN AND ISRAEL EXPANDING ITS NOVEL ADC PLATFORM TECHNOLOGY IN THE FAST GROWING ANTIBODY-DRUG CONJUGATES MARKET

Vancouver, BC, Canada, September 29th, 2022 - Defence Therapeutics Inc. (“**Defence**” or the “**Company**”), a Canadian biopharmaceuticals company primarily focussed on the development of novel immune-oncology vaccines and drug delivery technologies including Antibody Drug Conjugate (“ADC”), is pleased to announce that a notice of allowance has been issued by the Japan Patent Office for its Japanese patent application no. 2018-568469. In addition, the acceptance of its Israeli patent application no. 261765 was published in the Israel Patents and Designs Journal on 1st August 2022.

The allowance of these new patents covering conjugated compounds permitting delivery of antibodies to the nucleus through the Company proprietary technology AccumTM. AccumTM further consolidate the Company’s patent portfolio on its solution for precision delivery method for improved intracellular antibody drug conjugate (“ADC”) routing. Overcoming problematic cell recycling and rejection patterns, AccumTM enables ADCs to control intracellular delivery of chemotherapeutic drugs, resulting in superior preclinical anti-tumor activity. By increasing the tumor targeting specificity – due to increased drug accumulation – non-specific toxicity in healthy cells is greatly reduced.

"The Japan and Israel patents constitute an important milestone in protecting and expanding the commercial potential of AccumTM directly related to our ADC program. Defence is expecting pending key studies results in the near term and will report as they become available. Defence’s commitment to protect the Company’s AccumTM technology platform innovation is crucial as its ADC development expands. ADC interest continues to increase worldwide being that ADC’s are applied in oncology and is advancing rapidly", says Mr. Plouffe, the CEO of Defence Therapeutics.

According to Precedence Research Predicts, the global oncology market size is expected to worth around US\$ 536.01 billion by 2029 from valued at USD 286.04 billion in 2021 and growing at a CAGR of 8.2% from 2021 to 2030. Oncology is a branch of medicine that deals with the prevention, diagnosis, and treatment of cancer. Cancer is a leading cause of death worldwide,

accounting for nearly 10 million deaths in 2020, or nearly one in six deaths. Rising concern about the cancer and patient is one of the major factors driving the market for oncology market.

<https://www.biospace.com/article/oncology-market-size-to-worth-around-us-536-01-bn-by-2029/>

The global antibody drug conjugates market size is expected to reach over USD 22.87 billion by 2030, registering a CAGR of 16.4% during the forecast period, according to a recent 2022 report by Grand View Research Inc. The presence of strong pipeline products and strategic initiatives undertaken by the key players are expected to drive the market growth during the forecast period.

<https://www.grandviewresearch.com/press-release/global-antibody-drug-conjugates-market>

About Defence:

Defence Therapeutics is a publicly-traded biotechnology company working on engineering the next generation vaccines and ADC products using its proprietary platform. The core of Defence Therapeutics platform is the ACCUM™ technology, which enables precision delivery of vaccine antigens or ADCs in their intact form to target cells. As a result, increased efficacy and potency can be reached against catastrophic illness such as cancer and infectious diseases.

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