



CSE: DTC

FSE: DTC

USOTC: DTCFF **PRESS RELEASE**

DEFENCE'S NOVEL ACCUVAC-PTE7 VACCINE SHOWS COMPLETE PROTECTION FROM CERVICAL CANCER

Vancouver, BC, Canada, May 18th, 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, is pleased to announce the development of novel dual-acting AccumTM-linked protein vaccine, AccuVAC-PTE7, dedicated to protect from cervical cancer (prophylactic vaccine) or to treat (therapeutic vaccine) patients with pre-established cervical tumors.

The protection from cervical cancer can currently only be achieved with the use of Gardasil-9 or Cervarix, two vaccines directed against the L1 proteins of HPV. However, there is currently no cure for patients with established cervical cancer and the clinical trials conducted previously with other companies with both the E6 and E7 proteins were highly disappointing.

Since the AccumTM molecule was previously shown to significantly enhance the immunogenicity of various proteins, the Defence team engineered a novel protein-based vaccine targeting the oncogenic protein E7 normally used by HPV to transform healthy cells into an outgrowing tumor. Pre-clinical studies conducted on this new vaccine, AccuVAC-PTE7, not only provide a 100% protection from cervical cancer if delivered prophylactically (e.g. before tumor growth), but also show potent anti-tumoral effects against established tumors when combined with various immune-checkpoint blockers such as anti-PD-1, anti-CTLA4 or anti-CD47.

"The idea of having a dual-acting vaccine targeting cervical cancer capable of both protecting and treating patients from cervical cancer is a giant step in the field of cancer vaccines. In addition, this vaccine contains a single protein, the E7, which makes it easier to manufacture and use compared to a mix of 9 proteins as provided by the Gardasil-9 product", says Mr. Plouffe, the CEO of Defence Therapeutics.

According to Fortune Business Insights, the global HPV vaccine market size was valued at \$3.80 Bn in 2019 & is projected to reach \$12.69 Bn by 2027, with a CAGR of 16.3%.

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.

For further information:

Sebastien Plouffe, President, CEO and Director

P: (514) 947-2272

Splouffe@defencetherapeutics.com

www.defencetherapeutics.com

Cautionary Statement Regarding “Forward-Looking” Information

This release includes certain statements that may be deemed "forward-looking statements". All statements in this release, other than statements of historical facts, that address events or developments that the Company expects to occur, are forward-looking statements. Forward-looking statements are statements that are not historical facts and are generally, but not always, identified by the words "expects", "plans", "anticipates", "believes", "intends", "estimates", "projects", "potential" and similar expressions, or that events or conditions "will", "would", "may", "could" or "should" occur. Although the Company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results may differ materially from those in the forward-looking statements. Factors that could cause the actual results to differ materially from those in forward-looking statements include regulatory actions, market prices, and continued availability of capital and financing, and general economic, market or business conditions. Investors are cautioned that any such statements are not guarantees of future performance and actual results or developments may differ materially from those projected in the forward-looking statements. Forward-looking statements are based on the beliefs, estimates and opinions of the Company's management on the date the statements are made. Except as required by applicable securities laws, the Company undertakes no obligation to update these forward-looking statements in the event that management's beliefs, estimates or opinions, or other factors, should change.

Neither the CSE nor its market regulator, as that term is defined in the policies of the CSE, accepts responsibility for the adequacy or accuracy of this release.