

Defence Manufacturing of AccuTox(TM) CGMP Final Drug Product Optimization for Its Phase I Clinical Trial at City of Hope

Vancouver, British Columbia--(Newsfile Corp. - June 16, 2023) - Defence Therapeutics Inc. (CSE: DTC) (FSE: DTC) (OTC Pink: DTCFF) ("**Defence**" or the "**Company**"), a Canadian biopharmaceutical company specialized in the development of immune-oncology vaccines and drug delivery technologies is pleased to announce that it reached the final stages of its AccuTOX™ Chemistry, Manufacturing and Controls ("CMC") in preparation to IND filing for its Phase I clinical trial to treat melanoma patients at City of Hope, CA, USA.

Every experimental drug must undergo rigorous manufacturing and quality control testing prior to IND submission. Biopeptek Pharmaceuticals, LLC, a renowned US based CDMO dedicated to the production of high-quality peptides for clinical applications, using cutting-edge science and technology, was mandated by Defence Therapeutics to complete these final crucial steps. With its state-of-the-art facilities and experienced scientific team, Biopeptek has optimized formulation and is currently manufacturing and packaging the AccuTOX™ final drug product in vials dedicated for the Phase I clinical trial at City of Hope, CA, USA. Final quality validation and stability studies are being processed to meet with FDA high standards requirements.

"This is an important milestone for Defence's AccuTOX™ program. With manufacturing and release assays being completed, Defence is now at the last step to submit its IND filing for Phase I clinical trial using AccuTOX™ as an injectable to treat melanoma," says Mr. Plouffe, CEO and President of Defence.

Biopeptek has already successfully completed a 12-month stability study testing AccuTOX™ active pharmaceutical ingredient ("API"). Testing included temperature fluctuations, humidity as well as strong light treatments. The conclusion is that AccuTOX™ is stable at temperatures ranging from 5 to -20C which is standard for a peptide API approved by Regulatory Agency. AccuTOX™ API meets all manufacturing/stability criteria as a standard peptide API used for clinical trial.

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

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