December 30, 2020

Propanc Biopharma Advances POP1 Joint Research and Drug Discovery Program for Projected US$111.2B Global Metastatic Cancer Market

MELBOURNE, Australia--(BUSINESS WIRE)-- **Propanc Biopharma, Inc.** (OTC: PPCB) ("Propanc" or the "Company"), a biopharmaceutical company developing novel cancer treatments for patients suffering from recurring and metastatic cancer, announced today that the Proenzymes Optimization Project 1 ("POP1") joint research and drug discovery program advanced towards producing commercial scale quantities of the two proenzymes trypsinogen and chymotrypsinogen. The Company's product candidate is targeting the global metastatic cancer treatment market, projected to be worth US$111.2 Billion by 2027, according to current analysis by Emergen Research.

The program's lead research scientist, Mr. Aitor González, synthesized and purified both proenzymes in the laboratory. Once purified, the proenzymes were lyophilized (freeze dried) and each formed a stable, dry white powder. Mr. González then determined the sequence of proteins of each proenzyme by mass spectrometry. He recently started to produce larger quantities of the proenzymes with the objective of establishing their combined anti-cancer effects against pancreatic and colorectal cancers. In addition, research activities were transferred to the MEDINA Foundation Research Center to scale up production. MEDINA is a Non-Profit Research Organization established in 2008 through a public-private alliance between the Regional Government of Andalusia, Spain, the pharmaceutical company Merck Sharp & Dohme de España S.A. (MSD), and the University of Granada. Medina's scientific platforms support the development of multidisciplinary research programs in Microbiology, Natural Product Chemistry and Screening & Target Validation. For further information, please click on the following link: https://www.medinadiscovery.com/es/

The POP1 program is designed to produce a backup clinical compound to the lead product candidate, PRP. The objective is to produce large quantities of trypsinogen and chymotrypsinogen for commercial use that exhibits minimal variation between lots and without sourcing the proenzymes from animals. Propanc is undertaking the challenging research project in collaboration with the Universities of Jaén and Granada, led by research scientist Mr. Aitor González, supported by Dr. Macarena Perán, Ph.D., representing the Universities and Propanc's Chief Scientific Officer, Dr. Julian Kenyon, M.D.

Mr. James Nathanielsz, Propanc's Chief Executive Officer said, "By expanding our product pipeline, our vision is to establish a new product class that provides a solution for the treatment and prevention of many recurring and spreading malignant tumors, perceived as untreatable, with less toxicity compared to standard treatments and no immune suppression. This is critical for patients who are at risk of dying from secondary infection, especially in the context of a global pandemic. Through our PRP development and POP1 drug discovery

programs we are making positive steps towards achieving our vision."

"Despite a challenging year due to the global pandemic, we made significant advancements in producing synthetic recombinant versions of trypsinogen and chymotrypsinogen," said Dr. Julian Kenyon. "These two active pharmaceutical ingredients combine to form our lead product candidate, PRP, which are currently of animal origin. Our objective is to further stabilize and enhance the combined effects of the two proenzymes when administered to patients."

About Propanc Biopharma, Inc.

Propanc Biopharma, Inc. (the "Company") is developing a novel approach to prevent recurrence and metastasis of solid tumors by using pancreatic proenzymes that target and eradicate cancer stem cells in patients suffering from pancreatic, ovarian and colorectal cancers. For more information, please visit www.propanc.com.

The Company's novel proenzyme therapy is based on the science that enzymes stimulate biological reactions in the body, especially enzymes secreted by the pancreas. These pancreatic enzymes could represent the body's primary defense against cancer.

To view the Company's "Mechanism of Action" video on its anti-cancer lead product candidate, PRP, please click on the following link: http://www.propanc.com/news-media/video

Forward-Looking Statements

All statements other than statements of historical facts contained in this press release are "forward-looking statements," which may often, but not always, be identified by the use of such words as "may," "might," "will," "will likely result," "would," "should," "estimate," "plan," "project," "forecast," "intend," "expect," "anticipate," "believe," "seek," "continue," "target" or the negative of such terms or other similar expressions. These statements involve known and unknown risks, uncertainties and other factors, which may cause actual results, performance or achievements to differ materially from those expressed or implied by such statements. These factors include uncertainties as to the Company's ability to continue as a going concern absent new debt or equity financings; the Company's current reliance on substantial debt financing that it is unable to repay in cash; the Company's ability to successfully remediate material weaknesses in its internal controls; the Company's ability to reach research and development milestones as planned and within proposed budgets; the Company's ability to control costs; the Company's ability to obtain adequate new financing on reasonable terms; the Company's ability to successfully initiate and complete clinical trials and its ability to successful develop PRP, its lead product candidate; the Company's ability to obtain and maintain patent protection; the Company's ability to recruit employees and directors with accounting and finance expertise; the Company's dependence on third parties for services; the Company's dependence on key executives; the impact of government regulations, including FDA regulations; the impact of any future litigation; the availability of capital; changes in economic conditions, competition; and other risks, including, but not limited to, those described in the Company's Registration Statement on Form S-1, Amendment No. 5, filed with the U.S. Securities and Exchange Commission (the "SEC") on November 3, 2020, and in the Company's other filings and submissions with the SEC. These forward-looking statements speak only as of the date hereof and the Company

disclaims any obligations to update these statements except as may be required by law.

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