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CSE: TBP

Tetra Bio-Pharma Files Patent for the Treatment of Cancer and Ocular Disease

Ottawa, Ontario - (Marketwired – May 17, 2017) –Tetra Bio-Pharma Inc. (“**Tetra**” or the “**Company**”) (CSE:TBP) (OTCQB:GRPOF), today announced that Tetra has submitted a provisional patent application with the U.S. patent and trademark office for a pharmaceutical drug formulation to treat various forms of cancer and ocular disease.

The global market for cancer drugs has hit US\$100 billion in annual sales, and could reach US\$147 billion by 2018, according to a new report by the IMS Institute for Healthcare Informatics. According to Transparency Market Research, the global ophthalmic drug market is expected to reach US\$21.6 billion by 2018 due to high incidence of eye-related disorders amongst geriatrics. The provisional patent aims to protect new pharmaceutical combinations of cannabinoids and terpenoids to inhibit a specific signaling pathway, known as Hedgehog (Hh), and their use to combat human diseases.

“Filing of this provisional patent marks the launch of an innovative and exciting project that could not only impact patients suffering from a variety of human diseases, but also further Tetra’s interests in developing and commercializing novel cannabinoid-based pharmaceutical drugs,” said Dr. Guy Chamberland, Chief Scientific Officer of Tetra. “The rationale forming the basis for this project is well founded and our research team has extensive scientific experience in the Hh field. We look forward to quickly advancing the project through key academic collaborations, with the ultimate goal of developing multiple pharmaceutical treatments.”

Background Information:

Hh signaling is a critical developmental molecular signaling pathway and inappropriate over activation of Hh is causal in several types of human tumors, including medulloblastoma, basal cell carcinoma, rhabdomyosarcoma, and multiple forms of leukemia, as well as liver, stomach, small cell lung, prostate, and breast cancers. Hh signaling also regulates the formation and remodeling of blood vessels, and aberrant blood vessel growth is implicated in several human diseases. The eye is particularly

vulnerable to dysfunctional angiogenesis and neovascularization, such as in the case of diabetic retinopathy, age-related macular degeneration, neovascular glaucoma, retinal vein occlusion and retinopathy of prematurity, where inappropriate ocular blood vessel growth often leads to irreversible blindness if left untreated.

Currently, there are few clinically approved treatments for Hh-pathway-dependent cancers and drug resistance remains a major hurdle. As well, current treatment approaches to neovascular and angiogenic ocular disease are insufficiently effective and have significant adverse effects. Thus, there is a large need to develop novel therapies to treat human cancers and ocular disease related to blood vessel growth. Recently, cannabinoids have emerged as novel and potent inhibitors of the Hh signaling pathway and terpenoids have been shown to modulate the effects of cannabinoids through an undefined mechanism. Tetra looks to capitalize on these recent findings by filing a provisional patent for the use of cannabinoids in combination with terpenoids to treat Hh related cancer growth and aberrant blood vessel growth in the eye. Securing a provisional patent and achieving the freedom to operate is an important first step in the realization of this project.

About Tetra-Bio Pharma:

Tetra Bio-Pharma is a multi subsidiary publicly traded company (CSE: TBP) (OTCQB: GRPOF) engaged in the development of Bio Pharmaceuticals and Natural Health Products containing Cannabis and other medicinal plant based elements.

Tetra Bio-Pharma is focused on combining the traditional methods of medicinal cannabis use with the supporting scientific validation and safety data required for inclusion into the existing bio pharma industry by regulators physicians and insurance companies. More information is available about the company at: www.tetrabiopharma.com.

For further information, please contact Tetra Bio-Pharma Inc.

Edward Miller

Vice President, IR & Corporate Communications

edward@tetrabiopharma.com

(514) 360-8040 Ext. 203

The Canadian Securities Exchange ("CSE") has not reviewed this news release and does not accept responsibility for its adequacy or accuracy.

Forward-looking statements

Some statements in this release may contain forward-looking information. All statements, other than of historical fact, that address activities, events or developments that the Company believes, expects or anticipates will or may occur in the future (including, without limitation, statements regarding potential acquisitions and financings) are forward-looking statements. Forward-looking statements are generally identifiable by use of the words "may", "will", "should", "continue", "expect", "anticipate", "estimate", "believe", "intend", "plan" or "project" or the negative of these words or other variations on these words or

comparable terminology. Forward-looking statements are subject to a number of risks and uncertainties, many of which are beyond the Company's ability to control or predict, that may cause the actual results of the Company to differ materially from those discussed in the forward-looking statements. Factors that could cause actual results or events to differ materially from current expectations include, among other things, without limitation, the inability of the Company, through its wholly-owned subsidiary, GrowPros MMP Inc., to obtain a licence for the production of medical marijuana; failure to obtain sufficient financing to execute the Company's business plan; competition; regulation and anticipated and unanticipated costs and delays, and other risks disclosed in the Company's public disclosure record on file with the relevant securities regulatory authorities. Although the Company has attempted to identify important factors that could cause actual results or events to differ materially from those described in forward-looking statements, there may be other factors that cause results or events not to be as anticipated, estimated or intended. Readers should not place undue reliance on forward-looking statements. The forward-looking statements included in this news release are made as of the date of this news release and the Company does not undertake an obligation to publicly update such forward-looking statements to reflect new information, subsequent events or otherwise unless required by applicable securities legislation.