Regen BioPharma, Inc. Receives Notice of Allowance for U.S. Patent for Screening of Small Molecules Against Its Nuclear Receptor Target

SAN DIEGO, CA--(Marketwired - Jun 12, 2015) - Regen BioPharma Inc. (OTCBB: RGBP) (OTC PINK: RGBP) announced today that it received a Notice of Allowance from the U.S. Patent and Trademark Office for its patent application # 13/652,395. This patent, with a priority date of 2008, covers screening mechanisms for identification of small molecules that can modulate the function of a nuclear receptor target that was shown by Dr. Christine Ichim, Regen's Director of Molecular Therapeutics and University of Toronto Hematologist Dr. Richard Wells to be involved in maintenance of the cancer stem cells.

A Notice of Allowance is issued by the United States Patent & Trademark Office to indicate that it believes an invention qualifies for a patent and that the Office's examination on the merits has been completed. This patent will provide the Company with the intellectual property protection it requires in order to develop small molecular drugs that can inhibit the gene target and to develop drugs for the treatment of leukemia and myelodysplastic syndromes.

The patent will also cover screening for small molecules that can turn-on the nuclear receptor. These molecules can be used for expansion of stem cells for expansion of cord-blood in the context of bone marrow transplants. Currently, it is estimated that 15,000 patients are in need of a stem cell transplant every year. However, 40% of patients cannot be adequately matched with a bone marrow donor. Cord blood stem cell transplants offers hope to these patients since the matching requirement for cord blood is much less stringent than for bone marrow stem cell transplants. Nevertheless, the number of cord blood transplants performed is constrained by the limited number of cells obtained from a single cord. The ability to expand cord blood cells for bone marrow transplantation may provide life-saving therapy for patients with fatal blood disorders like leukemia, sickle cell anemia, lymphoma, and immune system disorders.

"We are very pleased to have received this Notice of Allowance from the U.S. Patent Office granting us patent protection for the proprietary assay system that we are using to develop drugs for modulating stem cell activity by modulating our target nuclear receptor. This patent is the result of more than 10 years of research at the University of Toronto, one of the most prestigious Universities in Canada as well as the very place where the blood stem cell was discovered. Currently, the Company's in-house research endeavors now have a patent protected basis. This will strengthen the Company's intellectual property portfolio moving forward in the small molecule arena. We look forward to rapidly progressing the applications of this technology for clinical use," said David Koos, Chairman of Regen BioPharma Inc.

ABOUT REGEN BIOPHARMA INC.: Regen BioPharma Inc. is a publicly traded biotechnology company (OTCBB: RGBP) (OTC PINK: RGBP). The Company seeks to identify undervalued regenerative medicine applications in the immunotherapy and stem cell space. The Company is focused on rapidly advancing these technologies through pre-clinical and Phase I/ II clinical trials. Currently the Company is centering on gene silencing therapy for treating cancer, telomeres and small molecule therapies, along with developing stem cell treatments for aplastic anemia.

Disclaimer: This news release may contain forward-looking statements. Forward-looking statements are inherently subject to risks and uncertainties, some of which cannot be predicted or quantified. Future events and actual results could differ materially from those set forth in, contemplated by, or underlying the forward-looking statements. The risks and uncertainties to which forward looking statements are subject include, but are not limited to, the effect of government regulation, competition and other material risks.

Contact:  
  
Regen BioPharma Inc.  
David R. Koos, PhD  
Chairman & Chief Executive Officer  
619-702-1404  
[**www.regenbiopharma.com**](http://www.regenbiopharma.com/)

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