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ProMIS Neurosciences congratulates Biogen on FDA accelerated approval of aducanumab for Alzheimer's disease

Approval of aducanumab offers real hope for patients and fuels development of next-generation therapies with more selective binding for toxic species of amyloid beta

TORONTO and CAMBRIDGE, Mass., June 08, 2021 (GLOBE NEWSWIRE) -- ProMIS Neurosciences, Inc. (TSX: PMN) (OTCQB: ARFXF), a biotechnology company focused on the discovery and development of antibody therapeutics targeting toxic oligomers implicated in the development of neurodegenerative diseases, today congratulates Biogen on the recent FDA approval of its monoclonal antibody therapeutic, aducanumab, for the treatment of Alzheimer's disease (AD).

After two years of setbacks in the AD field, 2021 has seen significant progress and reason for optimism in the AD community. Biogen's June 7th FDA approval of aducanumab as well as recent positive clinical trial data from Cassava (simufilam) and Lilly (donanemab) offer further potential positive momentum for AD patients.

"The approval of aducanumab marks the availability of the first disease-modifying therapy for AD, the sixth leading cause of death in the United States," stated ProMIS Executive Chairman Eugene Williams. "We congratulate Biogen on this important development for AD patients and their caregivers. We now anticipate accelerated interest and support for the development of next generation therapies, such as ProMIS' PMN310 lead antibody therapeutic for AD. Using our proprietary discovery platform we were able to create an antibody that selectively targets the toxic oligomers of amyloid-beta (A) and avoids undesirable binding to non-toxic forms of amyloid. We believe this high degree of selectivity by PMN310 may offer significant differentiation in terms of efficacy and safety compared to the currently less selective antibody products."

PMN310, is a humanized monoclonal antibody that binds with high affinity and selectivity to toxic oligomers of A, a recognized root cause of AD. Importantly, PMN310 does not appreciably bind to A plaque or vascular deposits of A thereby reducing the likelihood of brain swelling (edema), a dose-limiting side effect observed with non-selective therapeutic antibodies that interact with A plaque.

About ProMIS Neurosciences, Inc.

ProMIS Neurosciences, Inc. is a development stage biotechnology company focused on discovering and developing antibody therapeutics selectively targeting toxic oligomers implicated in the development and progression of neurodegenerative diseases, in particular

Alzheimer's disease (AD), amyotrophic lateral sclerosis (ALS) and Parkinson's disease (PD). The Company's proprietary target discovery engine is based on the use of two complementary techniques. The Company applies its thermodynamic, computational discovery platform -ProMIS™ and Collective Coordinates - to predict novel targets known as Disease Specific Epitopes on the molecular surface of misfolded proteins. Using this unique approach, the Company is developing novel antibody therapeutics for AD, ALS and PD. ProMIS is headquartered in Toronto, Ontario, with offices in Cambridge, Massachusetts. ProMIS is listed on the Toronto Stock Exchange under the symbol PMN, and on the OTCQB Venture Market under the symbol ARFXF.

For further information about ProMIS Neurosciences, please consult the Company's website at: www.promisneurosciences.com

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Source: ProMIS Neurosciences Inc.