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ProMIS Neurosciences Issues White Paper Entitled 'State of the Art at AAIC 2018'

TSX: PMN; OTCQB: ARFXF

Key conference theme: targeting toxic amyloid-beta oligomers offers renewed hope for treatment of Alzheimer's disease

TORONTO and CAMBRIDGE, MA, July 31, 2018 /PRNewswire/ - ProMIS Neurosciences, Inc., a biotechnology company focused on the discovery and development of antibody therapeutics targeting toxic oligomers implicated in the development of neurodegenerative diseases, today announced it has issued a white paper entitled 'State of the Art at AAIC 2018'.



At this year's Alzheimer's Association International Conference (AAIC), the causative role of amyloid-beta oligomers (A β O) in the development and progression of Alzheimer's disease (AD) and the importance of neutralizing A β O toxicity represented a common theme across multiple oral presentations and posters. These included details of the recent positive Phase 2 clinical results obtained with BAN2401 by Eisai/Biogen showing a dose-dependent reduction in cognitive decline compared to placebo at 12 and 18 months.

"Overall, the BAN2401 results provide strong support for targeting of A β O as a therapeutic strategy for AD. However, the encouraging results reported leave room for improvement, due to the brain swelling (ARIA) associated with plaque binding in the higher BAN2401 dose groups", stated Dr. Elliot Goldstein, ProMIS President and CEO.

"As outlined in our poster presentation at the AAIC, humanized PMN310 shows unrivaled selectivity for native toxic A β O derived from human AD brains, with no off-target binding to A β monomers or plaque. We believe the oligomer selectivity of PMN310 supports a potential best in class product profile compared to other therapeutic antibodies currently showing promising results in clinical trials."

Another topic of high interest centered around advancements in the use of biomarkers driven by the convergence of emerging results from several large longitudinal studies

together with recent FDA guidance encouraging the use of cerebrospinal fluid (CSF) and imaging biomarkers in clinical testing.

ProMIS' clinical candidate, humanized PMN310, is on track to enter Phase 1 clinical testing in the second half of 2019 and will include biomarker assessment as an integral part of the study design.

ProMIS white paper, entitled '*State of the Art at AAIC 2018*' can be found on the ProMIS website, by clicking on the link below:

<https://promisneurosciences.com/presentations/aaic-white-paper-2018/>

ProMIS AAIC poster presentation, entitled '*Humanized PMN310 shows enhanced therapeutic potential by binding toxic low molecular weight A β oligomers while avoiding ARIA-related binding to A β deposits in AD patient brains*' can be found on the ProMIS website, by clicking on the link below:

<https://promisneurosciences.com/posters/aaic-poster-2018/>

About ProMIS Neurosciences, Inc.

ProMIS Neurosciences is a development stage biotechnology company focused on discovering and developing antibody therapeutics targeting toxic oligomers implicated in the development 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 (DSEs) on the molecular surface of misfolded proteins. Using this unique precision medicine 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.TO, and on the OTCQB Venture Market under the symbol ARFXF.

For further information please consult the Company's website at:

www.promisneurosciences.com

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