



## Eagle Pharmaceuticals Announces Publication of Preclinical Study of Intranasal Dantrolene in Journal of Alzheimer's Disease

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WOODCLIFF LAKE, N.J.--(BUSINESS WIRE)-- Eagle Pharmaceuticals, Inc. (Nasdaq: EGRX) ("Eagle" or the "Company") today announced that preclinical research on dantrolene sodium was published today in the peer-reviewed *Journal of Alzheimer's Disease*.<sup>1</sup> The [article](#) reported results from an academic-based study that demonstrated dantrolene sodium administered intranasally improved both memory and cognition in a mouse model of Alzheimer's disease. Eagle markets a formulation of dantrolene sodium but did not sponsor the study.

The study evaluated plasma and brain dantrolene concentrations, effectiveness, and safety when dantrolene sodium was given in doses of five milligrams per kilogram three times a week either intranasally or as a subcutaneous injection. The study also compared dosing when started early, before Alzheimer's disease symptoms develop, versus later, after onset of Alzheimer's disease symptoms. Intranasal and subcutaneous dantrolene sodium administration each significantly improved hippocampal-dependent and -independent memory in the early treatment group, but only intranasal dantrolene improved cognition in the late treatment group.

1. Shi Y, Zhang L, Gao X, et al. Intranasal Dantrolene as a Disease-Modifying Drug in Alzheimer 5XFAD Mice [published online ahead of print, 2020 Jun 27]. *J Alzheimers Dis.* 2020;10.3233/JAD-200227. doi:10.3233/JAD-200227.

### About Alzheimer's disease

About 50 million people have dementia globally, of whom 60 to 70 percent have Alzheimer's disease, according to the World Health Organization. In the US, 5.8 million people are living with Alzheimer's, which has no cure and is the sixth leading cause of death.

### About Eagle Pharmaceuticals, Inc.

Eagle is a fully integrated pharmaceutical company with research and development, clinical, manufacturing and commercial expertise. Eagle is committed to developing innovative medicines that result in meaningful improvements in patients' lives. Eagle's commercialized products include RYANODEX<sup>®</sup>, BENDEKA<sup>®</sup>, BELRAPZO<sup>®</sup>, and its oncology and CNS/metabolic critical care pipeline includes product candidates with the potential to address underserved therapeutic areas across multiple disease states. Additional information is available on Eagle's website at [www.eagleus.com](http://www.eagleus.com).

### Forward-Looking Statements

This press release contains forward-looking information within the meaning of the Private Securities Litigation Reform Act of 1995, as amended, and other securities laws. Forward-looking statements are statements that are not historical facts. Words and phrases such as "anticipated," "forward," "will," "would," "may," "remain," "potential," "prepare," "expected," "believe," "plan," "near future," "belief," "guidance," and similar expressions are intended to identify forward-looking statements. These statements include, but are not limited to, statements regarding future events including the potential of dantrolene sodium as a treatment for Alzheimer's disease. All of such statements are subject to certain risks and uncertainties, many of which are difficult to predict and generally beyond Eagle's control, that could cause actual results to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements. Readers are cautioned not to place undue reliance on these forward-looking statements that speak only as of the date hereof, and the Company does not undertake any obligation to revise and disseminate forward-looking statements to reflect events or circumstances after the date hereof, or to reflect the occurrence of or non-occurrence of any events.

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