



## **Aptinyx Initiates Dosing in Phase 1 Clinical Study of Lead NMDA-Receptor Modulator, NYX-2925**

**Evanston, Ill., July 13, 2016** – Aptinyx Inc., a biopharmaceutical company developing novel modulators of the N-methyl-D-aspartate (NMDA) receptor for the treatment of challenging neurologic disorders, today announced the initiation of dosing in a Phase 1, first-in-human study for its lead therapeutic candidate, NYX-2925.

The randomized, double-blind, placebo-controlled study will enroll approximately 70 healthy volunteers to evaluate the safety and tolerability of NYX-2925 at multiple doses. The study will include both single-dose and multiple-dose ascending cohorts, each with placebo controls. Aptinyx anticipates utilizing the results of the study to guide dose selection for Phase 2 efficacy studies in specific neurologic indications.

“Our team’s extraordinary efforts have allowed us to initiate our first clinical study less than a year after spinning out our company and platform from Naurex,” said Norbert Riedel, Ph.D., president and chief executive officer of Aptinyx. “As we conduct this study, we will also finalize the selection of one or more specific indications for Phase 2 studies of NYX-2925. We have seen compelling evidence of efficacy for NYX-2925 in preclinical models of multiple neurologic conditions, and will move forward in the disease areas in which we believe we can have the greatest potential therapeutic impact.”

Aptinyx’s chemistry and discovery platform is yielding numerous additional small-molecule modulators of the NMDA receptor, which are currently in preclinical development. The company’s compounds are designed to enhance synaptic plasticity — or strengthen the network for neural cell communication — a clinically validated mechanism with therapeutic potential across multiple nervous system conditions.

### **About Aptinyx**

Aptinyx Inc. is a biopharmaceutical company focused on discovery and development of transformative therapies for challenging neurologic disorders. Aptinyx has a proven platform for discovering compounds that enhance synaptic plasticity, or strengthen the network for neural cell communication. Molecules discovered by Aptinyx achieve this

through a novel mechanism that modulates NMDA receptors, resulting in drugs that are both highly effective and well tolerated. This mechanism has applicability across a number of disorders of the brain and nervous system. For more information, visit [www.aptinyx.com](http://www.aptinyx.com).

**Company Contact:**

Ashish Khanna  
Chief Business Officer  
Aptinyx Inc.  
[corporate@aptinyx.com](mailto:corporate@aptinyx.com)  
847-871-0377

**Media Contact:**

Ian Stone  
Canale Communications  
[ian@canalecomm.com](mailto:ian@canalecomm.com)  
619-849-5388