Xenon Pharmaceuticals Showcases XEN1101 at the American Academy of Neurology 2024 Annual Meeting

April 16, 2024

VANCOUVER, British Columbia, April 16, 2024 (GLOBE NEWSWIRE) -- Xenon Pharmaceuticals Inc. (Nasdaq:XENE), a neuroscience-focused biopharmaceutical company, announced two oral presentations highlighting XEN1101 clinical data at the American Academy of Neurology (AAN) 2024 Annual Meeting in Denver, CO.

Mr. Ian Mortimer, Xenon's President and Chief Executive Officer, stated, "We are excited that our abstracts focused on XEN1101, including interim data from the ongoing X-TOLE open-label extension study and an overview of the impact of disease severity on responder rates in the X-TOLE Phase 2b study, were selected as oral presentations at this year's annual meeting of the American Academy of Neurology. We are grateful to our epilepsy key opinion leaders Dr. Jacqueline French and Dr. Roger Porter for presenting the XEN1101 data. This is an important opportunity for us to connect with leading neurologists to highlight our late-stage clinical work in both epilepsy and major depressive disorder."

Xenon's Oral Presentations at AAN

> **Oral Presentation #005** (French et al.) "Interim, Long-term, Safety and Efficacy of XEN1101, a Potent, Selective Potassium Channel Opener: Update from an Ongoing Open-label Extension of a Phase 2b Study (X-TOLE) in Adults with Focal Epilepsy."
> **Session 19:** Epilepsy Clinical Trials and Long-term Studies
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> **Oral Presentation #004** (Porter et al.) "The Impact of Disease Severity on Responder Rates in a Phase 2b Study of XEN1101, a Potent, Selective Potassium Channel Opener, in Adults With Focal Epilepsy (X-TOLE)."
> **Session 19:** Epilepsy Clinical Trials and Long-term Studies

Xenon is also hosting Booth #1797 in the AAN Exhibit Hall, which runs until Wednesday, April 17, 2024 at 4:00 pm MT.

About Xenon Pharmaceuticals Inc.

Xenon Pharmaceuticals (Nasdaq:XENE) is a neuroscience-focused biopharmaceutical company committed to discovering, developing, and commercializing innovative therapeutics to improve the lives of people living with neurological and psychiatric disorders. We are advancing a novel product pipeline to address areas of high unmet medical need, including epilepsy and depression. For more information, please visit www.xenon-pharma.com.

Safe Harbor Statement

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, and the Private Securities Litigation Reform Act of 1995 and Canadian securities laws. These forward-looking statements are not based on historical fact, and include statements regarding the timing of and potential results from clinical trials; the potential efficacy, safety profile, future development plans in current and anticipated indications, addressable market, regulatory success and commercial potential of our product candidates; the efficacy of our clinical trial designs; our ability to successfully develop and achieve milestones in our XEN1101; the timing and results of our interactions with regulators; our ability to successfully develop and obtain regulatory approval of XEN1101; anticipated enrollment in our clinical trials of XEN1101 and the timing thereof. These forward-looking statements are based on current assumptions that involve risks, uncertainties and other factors that may cause the actual results, events, or developments to be materially different from those expressed or implied by such forward-looking statements. These risks and uncertainties, many of which are beyond our control, include, but are not limited to: clinical trials may not demonstrate safety and efficacy of any of our or our collaborators' product candidates; promising results from pre-clinical development activities or early clinical trial results may not be replicated in later clinical trials; our assumptions regarding our planned expenditures and sufficiency of our cash to fund operations may be incorrect; our ongoing discovery and pre-clinical efforts may not yield additional product candidates; any of our or our collaborators' product candidates, including XEN1101, may fail in development, may not receive required regulatory approvals, or may be delayed to a point where they are not commercially viable; we may not achieve additional milestones in our proprietary or partnered programs; regulatory agencies may impose additional requirements or delay the initiation of clinical trials; the impact of competition; the impact of expanded product development and clinical activities on operating expenses; the impact of new or changing laws and regulations; the impact of pandemics, epidemics and other public health crises on our research and clinical development plans and timelines and results of operations, including impact on our clinical trial sites, collaborators, regulatory agencies and related review times, and contractors who act for or on our behalf; the impact of unstable economic conditions in the general domestic and global economic markets; adverse conditions from geopolitical events; as well as the other risks identified in our filings with the Securities and Exchange Commission and the securities commissions in British Columbia, Alberta, and Ontario. These forward-looking statements speak only as of the date hereof and we assume no obligation to update these forward-looking statements, and readers are cautioned not to place undue reliance on such forward-looking statements.

Contacts:
For Investors:
Chad Fugere
Vice President, Investor Relations
(857) 675-7275
investors@xenon-pharma.com

For Media:
Jodi Regts
Xenon Corporate Affairs
(604) 484-3353
media@xenon-pharma.com

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