Loxo Oncology to Present Updated LOXO-101 Phase 1 Data at the 2016 AACR Annual Meeting

April 11, 2016

STAMFORD, Conn., April 11, 2016 (GLOBE NEWSWIRE) -- Loxo Oncology, Inc. (Nasdaq:LOXO), a biopharmaceutical company innovating the development of highly selective medicines for patients with genetically defined cancers, today announced that the abstract titled "Clinical safety and activity from a phase 1 study of LOXO-101, a selective TRKA/B/C inhibitor, in solid-tumor patients with NTRK gene fusions" has been accepted for oral presentation at the American Association for Cancer Research (AACR) Annual Meeting, taking place April 16 – 20, 2016 in New Orleans. Data from this trial were most recently presented at the AACR-NCI-EORTC meeting in November 2015. The presentation will include an efficacy and durability update for enrolled patients with TRK fusions. The presentation was selected for inclusion in AACR’s official press program, and study data will therefore remain embargoed until April 17, 2016 at 4:15 p.m. CT.

The schedule for the oral presentation is as follows:

**Oral Presentation Date & Time**: April 17, 2016, 4:15 p.m. to 6:00 p.m. CT  
**Title**: Clinical Safety and Activity from a Phase 1 Study of LOXO-101, a Selective TRKA/B/C Inhibitor, in Solid Tumor Patients with NTRK Gene Fusions  
**Abstract Number**: CT008  
**Session Title**: Precision Medicine Early Clinical Trials  
**Presenter**: David Hong, M.D., deputy chair, Department of Investigational Cancer Therapeutics, Division of Cancer Medicine, The University of Texas MD Anderson Cancer Center  
**Location**: La Nouvelle Orleans Ballroom, Morial Convention Center

**Conference Call and Webcast Information**

Loxo Oncology will host a conference call and live webcast on Monday, April 18, 2016 at 8:00 a.m. Eastern Time to discuss the LOXO-101 data. To participate in the conference call, please dial (877) 930-8065 (domestic) or (253) 336-8041 (international) and refer to conference ID 77038770. A live webcast of the presentation will be available at http://ir.loxooncology.com/. A replay of the webcast will be available shortly after the conclusion of the call and archived on the company’s website for 30 days following the call.

**About LOXO-101**

LOXO-101 is a potent, oral and selective investigational new drug in clinical development for the treatment of patients with cancers that harbor abnormalities involving the tropomyosin receptor kinases (TRKs). Growing research suggests that the NTRK genes, which encode for TRKs, can become abnormally fused to other genes, resulting in growth signals that can lead to cancer in many sites of the body. In an ongoing Phase 1 clinical trial, LOXO-101 has demonstrated encouraging preliminary efficacy. LOXO-101 is also being evaluated in a global Phase 2 multi-center basket trial in patients with solid tumors that harbor TRK gene fusions. For additional information about both the LOXO-101 clinical trials, please refer to www.clinicaltrials.gov. Interested patients and physicians can contact the Loxo Oncology Physician and Patient Clinical Trial Hotline at 1-855-NTRK-123.

**About Loxo Oncology**

Loxo Oncology is a biopharmaceutical company innovating the development of highly selective medicines for patients with
genetically defined cancers. Our pipeline focuses on cancers that are uniquely dependent on single gene abnormalities, such that a single drug has the potential to treat the cancer with dramatic effect. We believe that the most selective, purpose-built medicines have the highest probability of maximally inhibiting the intended target, thereby delivering best-in-class disease control and safety. Our management team seeks out experienced industry partners, world-class scientific advisors and innovative clinical-regulatory approaches to deliver new cancer therapies to patients as quickly and efficiently as possible. For more information, please visit the company's website at www.loxooncology.com.

Forward Looking Statements

This press release contains "forward-looking" statements within the meaning of the safe harbor provisions of the U.S. Private Securities Litigation Reform Act of 1995. Forward-looking statements can be identified by words such as: "anticipate," "intend," "plan," "goal," "seek," "believe," "project," "estimate," "expect," "strategy," "future," "likely," "may," "should," "will" and similar references to future periods. These statements are subject to numerous risks and uncertainties that could cause actual results to differ materially from what we expect. Examples of forward-looking statements include, among others, statements we make regarding the timing and success of our clinical trials, success in our collaborations and the potential therapeutic benefits and economic value of our lead product candidate or other product candidates. Further information on potential risk factors that could affect our business and its financial results are detailed in our most recent Annual Report on Form 10-K, and other reports as filed from time to time with the Securities and Exchange Commission. We undertake no obligation to publicly update any forward-looking statement, whether written or oral, that may be made from time to time, whether as a result of new information, future developments or otherwise.

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