



Cornerstone Pharmaceuticals, Inc
1 Duncan Drive
Cranbury, NJ 08512

Media Contact: Meghan Weber
Liza Sullivan & Associates
(917) 399-8713

CORNERSTONE PHARMACEUTICALS PARTNERS WITH WAKE FOREST UNIVERSITY ON CLINICAL TRIAL OF CPI-613 FOR HEMATOLOGIC MALIGNANCIES

CRANBURY, NJ, April 19, 2010 – Cornerstone Pharmaceuticals, Inc.

(<http://www.cornerstonepharma.com>), a private pharmaceutical company, with a singular focus on cancer metabolism, has announced today that U.S. regulatory clearance has been obtained for the initiation of a physician-sponsored, Phase I human clinical trial of Cornerstone's first-in-class anticancer agent, CPI-613.

The study, which is currently enrolling patients suffering from advanced hematologic malignancies, is to be led by Timothy S. Pardee, MD, Ph.D., and is being conducted at Wake Forest University Baptist Medical Center. The clinical trial will enroll eligible leukemia and lymphoma patients including patients with acute myeloid leukemia, a very aggressive and resistant form of leukemia. In 2009, there were over 900,000 people in the United States living with, or in remission from, hematologic malignancies.

"We are very grateful to be expanding our previously established relationship with Wake Forest University and Dr. Pardee's research laboratory, which involves the evaluation of CPI-613 in a mouse model of acute myeloid leukemia (AML), considered to be predictive of responsiveness to drug treatment in humans, to the clinical evaluation of CPI-613 in patients with advanced leukemias and lymphomas" remarked Dr. Robert Shorr, Chief Executive Officer for Cornerstone Pharmaceuticals.

Dr. Pardee stated, "We are very pleased to be involved in both the clinical and preclinical evaluation of this novel compound, and to be working with Cornerstone Pharmaceuticals to bring CPI-613 to those who are suffering, and we share Cornerstone's goal to make cancer more manageable and treatable in the future."

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Chemotherapy resistance is a major cause of death in patients with advanced hematologic malignancies. The proposed novel mechanism of action, non-cross resistance with chemotherapeutic agents currently used in the clinic, and lack of CPI-613-related



myelosuppression in humans to date, make CPI-613 a suitable candidate for clinical evaluation in these types of cancers.

CPI-613 is the lead candidate to emerge from Cornerstone's Altered Energy Metabolism Directed (AEMD) technology platform. CPI-613 is the first drug in a new chemical class that, through a novel mechanism, targets metabolic changes that may be common to many cancer types. Cornerstone's AEMD technology platform was established on cancer metabolism research performed in the laboratories of Paul M. Bingham, Ph.D. and Zuzana Zachar, Ph.D., at the State University of New York at Stony Brook, Stony Brook, NY.

Cornerstone has offices and laboratory facilities in Cranbury, NJ and Stony Brook, NY. For further information, visit <http://www.cornerstonepharma.com> or contact: Meghan Weber at (917) 399-8713.

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This release contains forward-looking statements. These statements relate to future events or each company's future financial performance. In some cases, you can identify forward-looking statements by terminology such as "may", "will", "should", "expect", "plan", "anticipate", "believe", "estimate", "predict", "potential" or "continue", the negative of such terms, or other comparable terminology. These statements are only predictions. Actual events or results may differ materially from those in the forward-looking statements as a result of various important factors. Although we believe that the expectations reflected in the forward-looking statements are reasonable, such statements should not be regarded as a representation by the company, or any other person, that such forward looking statements will be achieved. The business and operations of the company are subject to substantial risks which increase the uncertainty inherent in forward-looking statements. We undertake no duty to update any of the forward-looking statements, whether as a result of new information, future events or otherwise. In light of the foregoing, readers are cautioned not to place undue reliance on such forward-looking statements.