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EPICEPT RELEASES NEW DATA DEMONSTRATING LONG-TERM DURABILITY OF CEPLENE IN SUSTAINING LEUKEMIA-FREE SURVIVAL

DATA TO BE PRESENTED AT THE EUROPEAN HEMATOLOGY ASSOCIATION'S 14TH CONGRESS

TARRYTOWN, N.Y. (June 4, 2009) – EpiCept Corporation (Nasdaq and OMX Nordic Exchange: EPCT) has released new long-term data showing that the use of Ceplene® when administered in conjunction with low-dose interleukin-2 (IL-2) provides durable protection from leukemia relapse in patients with Acute Myeloid Leukemia (AML), based on a minimum of six years of follow-up. These data will be presented on June 6, 2009 at the European Hematology Association's (EHA) 14th Congress in Berlin, Germany.

The presentation entitled "Six-Year Outcomes Update from a Randomized Phase 3 Trial in AML: Durable Effect of Remission Maintenance Immunotheraphy with Histamine Dihydrochloride and low-dose IL-2" was authored by Dr. Mats Brune, MD and co-workers.

Researchers analyzed follow-up data from patients enrolled in the Phase III pivotal trial of Ceplene®. The primary endpoint assesses the durability of the benefit of Ceplene® with IL-2 in achieving leukemia-free-survival (LFS), after a minimum of six years, in patients who have achieved first complete remission (CR1) and among the overall patient group. The study found that the Ceplene®/IL-2 treatment group continued to show statistically significant differences in LFS in the overall treatment population ($p=0.011$) and among the CR1 group ($p=0.015$).

"These data provide further demonstration of the positive and prolonged clinical benefits Ceplene® can provide AML patients in preventing relapse of this deadly disease," remarked Jack Talley, President and CEO of EpiCept. "These findings also represent the latest in a number of significant milestones for Ceplene®, as we just announced that the drug is now available to patients in major markets throughout the world through our named patient program agreement with IDIS. We continue to be keenly focused on further expanding the extraordinary impact that

Ceplene® can have on AML patients through our regulatory advancement of the drug in North America."

About Ceplene®

Ceplene® is EpiCept's proprietary product approved in the European Union for maintenance therapy for adult patients with AML in first remission. Ceplene® is designed to protect lymphocytes responsible for immune-mediated destruction of residual leukemic cells. Laboratory research has demonstrated that Ceplene® reduces formation of oxygen radicals from phagocytes, inhibiting NADPH oxidase and protecting IL-2-activated NK-cells and T-cells. In October 2008, Ceplene ®received full marketing approval in the European Union for maintenance therapy and prevention of relapse in adult patients with AML in first remission.

About EpiCept Corporation

EpiCept is focused on the development and commercialization of pharmaceutical products for the treatment of cancer and pain. The Company's lead product is Ceplene®, which has been granted full marketing authorization by the European Commission for the remission maintenance and prevention of relapse in adult patients with Acute Myeloid Leukemia in first remission. The Company has two oncology drug candidates currently in clinical development that were discovered using in-house technology and have been shown to act as vascular disruption agents in a variety of solid tumors. The Company's pain portfolio includes EpiCept™ NP-1, a prescription topical analgesic cream in late-stage clinical development designed to provide effective long-term relief of pain associated with peripheral neuropathies.

Forward-Looking Statements

This news release and any oral statements made with respect to the information contained in this news release, contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements include statements which express plans, anticipation, intent, contingency, goals, targets, future development and are otherwise not statements of historical fact. These statements are based on our current expectations and are subject to risks and uncertainties that could cause actual results or developments to be materially different from historical results or from any future results expressed or implied by such forward-looking statements. Factors that may cause actual results or developments to differ materially include: the risk that Ceplene® will not be launched in Europe in the second half of 2009 or achieve significant commercial success, the risk that we are unable to find a suitable marketing partner for Ceplene® on attractive terms, a timely basis or at all, the risk that any required post-approval clinical study for Ceplene® will not be successful, the risk that we will not be able to maintain our final regulatory approval or marketing authorization for Ceplene®, the risk that we will not have sufficient authorized shares of stock to raise equity capital, the risks associated with the adequacy of our existing cash resources and our ability to continue as a going concern, the risks associated with our ability to continue to meet our obligations under our existing debt agreements, the risk that our securities may be delisted by The Nasdaq Capital Market or the OMX Nordic Exchange and that any appeal of the delisting determination may not be successful, the risk that Ceplene® will not receive regulatory approval or marketing authorization in the United States or Canada, the risk that Myriad's development of Azixa™ will not be successful, the risk that Azixa™ will not receive regulatory approval or achieve significant commercial success, the risk that we will not receive any significant payments under our agreement with Myriad, the risk that the development of our other apoptosis product candidates

will not be successful, the risk that we will not be able to find a buyer for our ASAP technology, the risk that clinical trials for EpiCept™ NP-1 or crinobulin will not be successful, the risk that EpiCept™ NP-1 or crinobulin will not receive regulatory approval or achieve significant commercial success, the risk that we will not be able to find a partner to help conduct the Phase III trials for EpiCept™ NP-1 on attractive terms, a timely basis or at all, the risk that our other product candidates that appeared promising in early research and clinical trials do not demonstrate safety and/or efficacy in larger-scale or later stage clinical trials, the risk that we will not obtain approval to market any of our product candidates, the risks associated with dependence upon key personnel, the risks associated with reliance on collaborative partners and others for further clinical trials, development, manufacturing and commercialization of our product candidates; the cost, delays and uncertainties associated with our scientific research, product development, clinical trials and regulatory approval process; our history of operating losses since our inception; the highly competitive nature of our business; risks associated with litigation; and risks associated with our ability to protect our intellectual property. These factors and other material risks are more fully discussed in our periodic reports, including our reports on Forms 8-K, 10-Q and 10-K and other filings with the U.S. Securities and Exchange Commission. You are urged to carefully review and consider the disclosures found in our filings which are available at www.sec.gov or at www.epicept.com. You are cautioned not to place undue reliance on any forward-looking statements, any of which could turn out to be wrong due to inaccurate assumptions, unknown risks or uncertainties or other risk factors.

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**Azixa is a registered trademark of Myriad Genetics, Inc.*