BrainStorm Announces Positive DSMB Recommendation in Ongoing Phase 2 Trial with NurOwn™ in ALS

No Concerns Identified; DSMB Recommends Trial Continues as Planned

HACKENSACK, N.J. and PETACH TIKVAH, Israel, Feb. 3, 2015 /PRNewswire/ -- BrainStorm Cell Therapeutics Inc. (NASDAQ:BCLI), a leading developer of adult stem cell technologies for neurodegenerative diseases, today announced that the Data and Safety Monitoring Board (DSMB) met to conduct its first safety review of the randomized, double-blind, placebo-controlled phase 2 clinical trial of NurOwn™ in amyotrophic lateral sclerosis (ALS) that BrainStorm is conducting at three academic medical centers in the U.S. (for details, please see https://clinicaltrials.gov/show/NCT02017912). The DSMB recommended that the study continue as planned. The DSMB reviewed safety data collected through a cutoff date in January 2015, and did not find any lab abnormalities, adverse events or significant protocol deviations that would be cause for concern.

BrainStorm's CEO, Tony Fiorino, MD, PhD, commented "We are gratified that the DSMB has found no concerns after having reviewed the safety data accumulated for the study through January. This extends our prior safety observations made in the two prior ALS studies of NurOwn™ conducted in Israel at Hadassah Medical Center. To date, the safety of NurOwn™ observed in our clinical trials has been quite good, and the ease of administration and tolerability of both intramuscular and intravenous routes of administration are attractive aspects of NurOwn's™ emerging profile."

About BrainStorm Cell Therapeutics Inc.

BrainStorm Cell Therapeutics Inc. is a biotechnology company engaged in the development of first-of-its-kind adult stem cell therapies derived from autologous bone marrow cells for the treatment of neurodegenerative diseases. The company holds the rights to develop and commercialize its NurOwn™ technology through an exclusive, worldwide licensing agreement with Ramot, the technology transfer company of Tel Aviv University. NurOwn™ has been administered to over 30 patients with ALS in clinical trials conducted in Israel, and is currently being studied in a randomized, double-blind, placebo-controlled clinical trial in the United States. For more information, visit the company's website at www.brainstorm-cell.com.

Safe Harbor Statement – Statements in this announcement other than historical data and information constitute "forward-looking statements" and involve risks and uncertainties that could cause BrainStorm Cell Therapeutics Inc.'s actual results to differ materially from those stated or implied by such forward-looking statements. Terms and phrases such as "may", "should", "would", "could", "will", "expect", "likely", "believe", "plan", "estimate", "predict", "potential", and similar terms and phrases are intended to identify these forward-looking statements. The potential risks and uncertainties include, without limitation, risks associated with BrainStorm's limited operating history, history of losses; minimal working capital, dependence on its license to Ramot's technology; ability to adequately protect the technology; dependence on key executives and on its scientific consultants; ability to obtain required regulatory approvals; and other factors detailed in BrainStorm's annual report on Form 10-K and quarterly reports on Form 10-Q available at http://www.sec.gov. These factors should be considered carefully, and readers should not place undue reliance on BrainStorm's forward-looking statements. The forward-looking statements contained in this press release are based on the beliefs, expectations and opinions of management as of the date of this press release. We do not assume any obligation to update forward-looking statements to reflect actual results or assumptions if circumstances or management's beliefs, expectations or opinions should change, unless otherwise required by law. Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, levels of activity, performance or achievements.

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For further information: Media: Tony Fiorino, MD, PhD, Chief Executive Officer, BrainStorm Cell Therapeutics Inc., (201) 488-0460, info@brainstorm-cell.com; Investors: Michael Rice, LifeSci Advisors, LLC, (646) 597-6979, mrice@lifesciadvisors.com

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