

PROSPECTUS SUPPLEMENT
(To Prospectus dated June 29, 2018)



BRAINSTORM CELL THERAPEUTICS INC.

**1,250,000 shares of Common Stock
and a Warrant for the purchase of up to 250,000 shares of Common Stock**

This prospectus supplement and the accompanying prospectus relate to the offer and sale of 1,250,000 shares of our Common Stock, par value \$0.00005 per share (the “Common Stock”) and a warrant (the “Warrant”) for the purchase of up to 250,000 shares of Common Stock. Shares of our Common Stock and the Warrant for the purchase of Common Stock to which this prospectus supplement relates will be issued in a privately negotiated transaction pursuant to the terms of a Securities Purchase Agreement we have entered into with Abbhi Investments, LLC (the “Purchaser”). We are offering the Common Stock and the Warrant at a combined purchase price of \$10,000,000.

The Warrant will have an exercise price of \$15.00 per share, will be exercisable immediately from the date of issuance and will expire three years from the date of issuance. The shares of Common Stock and the Warrant are immediately separable and will be issued separately, but must be purchased together in this offering. The shares of our Common Stock issuable from time to time upon exercise of the Warrant are also being offered pursuant to this prospectus supplement and the accompanying base prospectus.

Our Common Stock is listed on the Nasdaq Capital Market under the symbol “BCLI.” On March 5, 2020, the last reported sale price of our Common Stock on the Nasdaq Capital Market was \$7.62 per share. There is no established public trading market for the Warrant and we do not expect a market to develop. We do not intend to list the Warrant on the Nasdaq Capital Market, any other national securities exchange or any other nationally recognized trading system. Without an active trading market, the liquidity of the Warrant will be limited.

We did not have any placement agent involved in this transaction.

Investing in our Common Stock involves a high degree of risk. Before deciding whether to invest in the Common Stock and the Warrant, you should review carefully the risks and uncertainties that are described in the “Risk Factors” section beginning on page S-10 of this prospectus supplement, and in the documents incorporated by reference herein, including our most recent Annual Report on Form 10-K for the fiscal year ended December 31, 2019 as well as the risks and uncertainties described in the other documents incorporated herein by reference.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus supplement and the accompanying prospectus are truthful or complete. Any representation to the contrary is a criminal offense.

Delivery of the Common Stock and Warrant to the investors is expected to be made on or about March 6, 2020, subject to satisfaction of certain closing conditions.

The date of this prospectus supplement is March 6, 2020

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ABOUT THIS PROSPECTUS SUPPLEMENT

On June 8, 2018, we filed with the Securities and Exchange Commission (the “SEC”) a registration statement on Form S-3 (File No. 333-225517) using a shelf registration process relating to the securities described in this prospectus supplement, which registration statement was declared effective by the SEC on June 29, 2018. Under this shelf registration process, we may offer and sell, either individually or in combination, in one or more offerings, Common Stock, warrants and units, for total gross proceeds of up to \$100 million.

This document consists of two parts. The first part is the prospectus supplement, which describes the specific terms of this transaction. The second part is the accompanying prospectus, which provides more general information, some of which may not apply to the securities offered by this prospectus supplement.

We urge you to read carefully this prospectus supplement, the accompanying prospectus and any free writing prospectuses we have authorized for use in connection with this transaction, together with information incorporated by reference in this prospectus supplement and the accompanying prospectus, before investing in any of the securities being offered under this prospectus supplement. You should rely only on the information contained in, or incorporated by reference into, this prospectus supplement and the accompanying prospectus, along with the information contained in any free writing prospectuses we have authorized for use in connection with this transaction. We have not authorized anyone to provide you with different or additional information. This prospectus supplement is an offer to sell only the securities offered hereby, but only under circumstances and in jurisdictions where it is lawful to do so.

The information appearing in this prospectus supplement, the accompanying prospectus or any related free writing prospectus is accurate only as of the date on the front of the document and any information we have incorporated by reference is accurate only as of the date of the document incorporated by reference, regardless of the time of delivery of this prospectus supplement, the accompanying prospectus or any related free writing prospectus, or any sale of a security. Our business, financial condition, results of operations and prospects may have changed since those dates.

This prospectus supplement and any free writing prospectus that we have authorized for use in connection with this transaction may add, update or change the information contained in the accompanying prospectus and the documents incorporated by reference in this prospectus supplement and the accompanying prospectus. To the extent that any statement that we make in this prospectus supplement or any related free writing prospectus is inconsistent with statements made in the accompanying prospectus or any documents incorporated by reference into this prospectus supplement or the related free writing prospectus, as the case may be, you should rely on the information in this prospectus supplement or the related free writing prospectus. If any statement in one of these documents is inconsistent with a statement in another document having a later date - for example, a document incorporated by reference in the accompanying prospectus - the statement in the document having the later date modifies or supersedes the earlier statement.

We further note that the representations, warranties and covenants made by us in any agreement that is filed as an exhibit to any document that is incorporated by reference in this prospectus supplement and in the accompanying prospectus were accurate only as of the date when made. Moreover, such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs.

In this prospectus supplement, unless otherwise expressly stated or the context otherwise requires, the terms “we,” “us,” “our” and the “Company” refer to Brainstorm Cell Therapeutics Inc. and our subsidiaries on a combined basis, except that in the description of the securities offered, these terms refer solely to Brainstorm Cell Therapeutics Inc. and not to any of our subsidiaries.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports, proxy statements and other information with the SEC. You may read and copy, at prescribed rates, any documents we have filed with the SEC at its Public Reference Room located at 100 F Street, N.E., Washington, D.C. 20549. You may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330. We also file these documents with the SEC electronically. You can access the electronic versions of these filings on the SEC's internet website found at <http://www.sec.gov>.

This prospectus supplement and the accompanying prospectus omit some information contained in the registration statement in accordance with SEC rules and regulations. You should review the information and exhibits included in the registration statement for further information about us and the securities offered by us. Statements in this prospectus supplement and the accompanying prospectus concerning any document filed as an exhibit to the registration statement or otherwise filed with the SEC are not intended to be comprehensive and are qualified by reference to these filings. You should review the complete document to evaluate these statements.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC's rules allow us to "incorporate by reference" information into this prospectus supplement and the accompanying prospectus, which means that we can disclose important information to you by referring you to another document filed separately with the SEC. The information incorporated by reference is deemed to be part of this prospectus supplement and the accompanying prospectus, and later information that we file with the SEC will automatically update and supersede that information. Any statement contained in a previously filed document incorporated by reference shall be deemed to be modified or superseded for purposes of this prospectus supplement to the extent that a statement contained in this prospectus supplement modifies or replaces that statement.

We incorporate by reference, as of their respective dates of filing, the documents listed below and any future filings made by us with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended (the "Exchange Act") between the date of this prospectus supplement and the termination of this transaction of the securities described in this prospectus supplement. We are not, however, incorporating by reference any documents or portions thereof, whether specifically listed below or filed in the future, that are not deemed "filed" with the SEC.

- Our Annual Report on Form 10-K for the year ended December 31, 2019, filed with the SEC on [February 18, 2020](#);
- The description of our Common Stock contained in our registration statement on Form 8-A, filed with the SEC on [September 24, 2014](#), including any amendment or report filed for the purpose of updating such description.

You may request a free copy of any of the documents incorporated by reference in this prospectus supplement by writing or telephoning us at the following address:

Brainstorm Cell Therapeutics Inc.
1325 Avenue of Americas, 28th Floor
New York, NY 10019
Attention: Chief Executive Officer
(201) 488-0460

These filings and reports can also be found on our website, located at <http://www.brainstorm-cell.com>, by following the links to "Investor Relations" and "SEC Filings."

The information contained on (or accessible through) our website does not constitute a part of this prospectus supplement.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus supplement, the accompanying prospectus, any free writing prospectus and the documents incorporated herein and therein by reference may contain forward-looking statements within the meaning of the federal securities laws. These forward-looking statements are intended to qualify for the safe harbor from liability established by the Private Securities Litigation Reform Act of 1995. All statements other than statements of historical fact included in this prospectus supplement, the accompanying prospectus, any free writing prospectus or the documents incorporated herein or therein by reference, are forward looking statements. The words “believe,” “may,” “might,” “could,” “will,” “aim,” “estimate,” “continue,” “anticipate,” “intend,” “expect,” “plan” and similar words are intended to identify estimates and forward-looking statements.

Our forward-looking statements are based on our current assumptions and expectations about future events and trends, which affect or may affect our business, strategy, operations, financial performance or prospects. Although we believe that these estimates and forward-looking statements are based upon reasonable assumptions, they are subject to numerous known and unknown risks and uncertainties and are made in light of information currently available to us. Many important factors may materially and adversely affect the assumptions and expectations described in the forward-looking statements. You should read this prospectus supplement, the accompanying prospectus, any free writing prospectus, and the documents we incorporate by reference herein and therein, completely and with the understanding that our actual future results may be materially different and worse than what we expect.

Moreover, we operate in an evolving environment. New risk factors and uncertainties emerge from time to time and it is not possible for us to predict all risk factors and uncertainties, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements. We qualify all of our forward-looking statements by these cautionary statements.

The following factors, among others, could cause our financial performance to differ materially from that expressed in such forward-looking statements:

- our need to raise additional capital,
- our ability to continue as a going concern,
- regulatory approval of our NurOwn® treatment candidate,
- the success of our product development programs and research,
- regulatory and personnel issues,
- development of a global market for our services,
- the ability to secure and maintain research institutions to conduct our clinical trials,
- the ability to generate significant revenue,
- the ability of our NurOwn® treatment candidate to achieve broad acceptance as a treatment option for Amyotrophic Lateral Sclerosis (“ALS”, also known as Lou Gehrig’s disease) or other neurodegenerative diseases,
- our ability to manufacture and commercialize our NurOwn® treatment candidate,
- obtaining patents that provide meaningful protection,
- competition and market developments,
- our ability to protect our intellectual property from infringement by third parties,
- health reform legislation,
- demand for our services,
- currency exchange rates,
- product liability claims and litigation, and
- other risks and uncertainties detailed from time to time in our SEC filings.

Estimates and forward-looking statements speak only as of the date they were made, and, except to the extent required by law, we undertake no obligation to update or to review any estimate and/or forward-looking statement because of new information, future events or other factors. Estimates and forward-looking statements involve risks and uncertainties and are not guarantees of future performance. As a result of the risks and uncertainties described herein and in our other SEC filings, the results and outcomes set forth in the forward-looking statements discussed in this prospectus supplement, the accompanying prospectus, any free writing prospectus, and the documents incorporated by reference herein and therein, might not occur and our future results and our performance may differ materially from those expressed in these forward-looking statements due to, but not limited to, the factors mentioned above. Because of these uncertainties, you should not place undue reliance on these forward-looking statements when making an investment decision.

PROSPECTUS SUPPLEMENT SUMMARY

This summary highlights selected information contained or incorporated by reference in this prospectus supplement or the accompanying prospectus and may not contain all the information that you need to consider in making your investment decision. To understand this transaction fully, you should carefully read this prospectus supplement, the accompanying prospectus, any free writing prospectuses we have authorized for use in connection with this transaction and the documents incorporated by reference herein and therein carefully. In particular, you should carefully read the sections titled “Risk Factors” in this prospectus supplement and in the accompanying prospectus and the documents identified in the section “Incorporation of Certain Documents by Reference.”

Overview

Company Overview

- Brainstorm Cell Therapeutics Inc. is a leading biotechnology company committed to the development and commercialization of best-in-class autologous cellular therapies for the treatment of neurodegenerative diseases including: Amyotrophic Lateral Sclerosis (“ALS”, also known as Lou Gehrig’s disease); Progressive Multiple Sclerosis (“PMS”); and Parkinson’s disease (“PD”).
- NurOwn® leverages proprietary cell culture methods to induce autologous bone marrow-derived mesenchymal stem cells (MSCs) to secrete high levels of neurotrophic factors (NTFs), modulate neuroinflammatory and neurodegenerative disease processes, promote neuronal survival and improve neurological function.
- NurOwn® is currently being evaluated in Phase 3 ALS and Phase 2 PMS clinical trials. Enrollment for the Phase 3 ALS trial was completed in October 2019 and is expected to generate top-line data in the fourth quarter of 2020. The Phase 2 PMS trial is actively enrolling participants in the U.S. and is expected to generate top-line data in the fourth quarter of 2020.
- Our wholly-owned Israeli subsidiary, Brainstorm Cell Therapeutics Ltd. (“Israeli Subsidiary”), holds exclusive rights to commercialize NurOwn® technology through a licensing agreement with Ramot (“Ramot”), the technology transfer company of Tel Aviv University, Israel.
- The Company, through a subsidiary, was granted approval by the Israeli Ministry of Health (“MoH”) to treat ALS patients with NurOwn® under the Hospital Exemption Pathway (“HE”).
- The Company has a strong and comprehensive intellectual property portfolio, including NurOwn®.
- NurOwn® was granted Fast Track designation by the U.S. Food and Drug Administration (FDA) and Orphan Drug status by the FDA and the European Medicines Agency (EMA) for ALS. For more information, visit BrainStorm’s website at www.brainstorm-cell.com.
- In advance of the United Kingdom’s exit from the European Union, the Company had registered an Irish subsidiary, ‘Brainstorm Cell Therapeutics Limited’, which was incorporated on October 1, 2019 under the Companies Act 2014, as a Private Company Limited by Shares and is wholly owned by the Israeli Subsidiary. The EMA Orphan Drug designation, held by our UK subsidiary (Brainstorm Cell Therapeutics UK Ltd.), was transferred by the European Commission to the Irish subsidiary as of November 14, 2019.
- Brainstorm Cell Therapeutics Inc. currently employs 33 employees in the United States and in Israel. Most of the senior management team is based in the United States, and all of Brainstorm’s current clinical trial sites are located in the United States. Brainstorm’s R&D center is located in Petach Tikva, Israel.

Recent Developments

- The Company has made significant progress in the past 12 months advancing the NurOwn® ALS Phase 3 clinical trial at all 6 U.S. investigative sites (Mass General Hospital, UMass, Mayo Clinic, CPMC, Cedars Sinai and UC Irvine). This clinical trial builds upon promising efficacy seen in three prior early-stage ALS clinical trials, including a U.S. randomized placebo-controlled Phase 2 trial. We completed enrollment for NurOwn® ALS Phase 3 trial in October 2019 and the trial is expected to generate top-line data to support the FDA BLA filing of NurOwn® for ALS in the fourth quarter of 2020.
- The Company was granted FDA approval in December 2018 for the IND Application of NurOwn® in Progressive Multiple Sclerosis (PMS) (www.clinicalTrials.gov Identifier NCT03799718). The study entitled ‘A Phase 2, open-label, multicenter study to evaluate the safety and efficacy of repeated administration of NurOwn® (Autologous Mesenchymal Stem Cells Secreting Neurotrophic Factors; MSC-NTF cells) in participants with Progressive Multiple Sclerosis (MS)’ will be conducted at 5 leading U.S. Multiple Sclerosis centers. As of the quarter ending December 31, 2019, the first ten (10) study participants have been enrolled in the study. Enrollment will proceed in 2020 as planned.
- On March 7, 2019, the Israeli MoH approved the Company’s treatment of up to 13 ALS patients with NurOwn® under the Israeli Hospital Exemption (HE) regulatory pathway. This approval expires on March 7, 2020. Based on this approval, the Company enrolled eleven (11) patients under the HE regulatory pathway as of January 16, 2020 and intends to enroll the maximum number of patients that have been approved. The Hospital has applied to the MoH for an extension of the approval and also to expand the HE regulatory pathway to include an additional 13 patients. Thus far, the Company has received approximately \$2.5 million in connection with the treatment of the aforementioned patients.
- On June 11, 2019, we established an at-the-market Common Stock offering program (the “ATM Program”) to sell shares of our Common Stock, having an aggregate offering amount of up to \$20 million. This program provided additional financial flexibility and an alternative mechanism to access the capital markets at an efficient cost, as and when the Company needed financing. From June 11, 2019 through December 31, 2019, we sold an aggregate of 724,215 shares of Common Stock pursuant to the ATM Distribution Agreement at an average price of \$4.01 per share, raising gross proceeds of approximately \$2.91 million. As of December 31, 2019, the Company had received gross proceeds of approximately \$2.14 million from these ATM sales. From January 1, 2020 through February 21, 2020, we sold an aggregate of 3,417,354 shares of Common Stock pursuant to the ATM Distribution Agreement at an average price of \$5.00 per share, raising gross proceeds of approximately \$17.09 million. In summary, from the initiation of the ATM through February 21, 2020, we sold an aggregate of 4,141,569 shares of Common Stock at an average price of \$4.83 per share, raising gross proceeds of approximately \$19.99 million.
- On August 2, 2019, the Company entered into a Warrant Exercise Agreement which generated gross cash proceeds to the Company of approximately \$3.3 million.
- On September 6, 2019, the Company appointed Preetam Shah, Ph.D., M.B.A., as Chief Financial Officer. Dr. Shah is an experienced healthcare finance professional with over 18 years of diverse leadership experience in investment banking and venture capital, healthcare financial consulting, business development, sales and marketing, and scientific research.

- The independent Phase 3 study Data Safety Monitoring Board (DSMB) completed the second pre-specified interim analysis of safety outcomes for 106 participants treated with NurOwn® in the Phase 3 ALS trial on October 28, 2019. The DSMB indicated that the trial should continue without any modifications to the study protocol, and the DSMB chair indicated that they did not identify any significant safety concerns.
- On November 14, 2019, the Company was awarded a \$495,330 grant from the National Multiple Sclerosis Society, through its Fast Forward program, to advance BrainStorm's Phase 2 open-label, multicenter clinical trial of repeated intrathecal administration of NurOwn® in participants with progressive Multiple Sclerosis.
- The independent Phase 2 study Data Safety Monitoring Board (DSMB) completed the first, pre-specified interim analysis, of safety outcomes for 9 participants enrolled in the Phase 2 open-label, multicenter study of repeated intrathecal administration of NurOwn® (autologous MSC-NTF cells) in participants with Progressive Multiple Sclerosis (PMS) (NCT03799718) on December 18, 2019. After careful review of all available clinical trial data, the DSMB unanimously concluded that the study should continue as planned without any protocol modifications.
- In November 2019, our Phase 2 ALS clinical data was published in "Neurology", the highly respected peer-reviewed journal and the official journal of the American Academy of Neurology.
- In December 2019, the Company presented detailed Phase 2 ALS CSF biomarker data at the 30th International Symposium on ALS/MND in Perth, Australia.
- On February 11, 2020, the Company announced that it recently held a high-level meeting with the U.S. Food and Drug Administration (FDA) to discuss potential NurOwn® regulatory pathways for approval in ALS. In the planned meeting with senior Center for Biologics Evaluation and Research (CBER) leadership and several leading U.S. ALS experts, the FDA confirmed that the fully enrolled Phase 3 ALS trial is collecting relevant data critical to the assessment of NurOwn efficacy. The FDA indicated that they will look at the "totality of the evidence" in the expected Phase 3 clinical trial data. Furthermore, based on their detailed data assessment, they are committed to work collaboratively with BrainStorm to identify a regulatory pathway forward, including opportunities to expedite statistical review of data from the Phase 3 trial.

Corporate Information

We are incorporated under the laws of the State of Delaware. Our principal executive offices are located at 1325 Avenue of Americas, 28th Floor, New York, NY 10019, and our telephone number is (201) 488-0460. We also maintain offices at 12 N State Route 17, Suite 201, Paramus, NJ 07652, and in Petach Tikva, Israel. We maintain an Internet website at <http://www.brainstorm-cell.com>. The information contained on (or accessible through) our website is not incorporated into this prospectus supplement or the accompanying prospectus.

THE OFFERING

Securities offered	<p>1,250,000 shares of Common Stock, par value \$0.00005 per share (“Common Stock”), having an aggregate gross sales price of up to \$10,000,000 and a Warrant for the purchase of 250,000 shares of Common Stock at a cash exercise price of \$15.00 per share.</p> <p>The shares of our Common Stock and Warrant are immediately separable and will be issued separately, but will be purchased together in this offering. The Warrant will have an exercise price of \$15.00 per share, will be exercisable in cash immediately from the date of issuance and will expire three years from the date of issuance. The holder of the Warrant will have the right to cashless exercise in the event there is not an effective registration statement at the time of exercise of the Warrant.</p> <p>This prospectus supplement also includes the offering of the shares of Common Stock issuable upon exercise of the Warrant included in this offering. The exercise price of the Warrant and the number of shares into which the Warrant may be exercised are subject to adjustment in certain circumstances.</p> <p>Prior to this offering, the Company’s issued and outstanding shares of Common Stock totaled 26,795,465. Upon issuance of the shares of Common Stock in this offering, the issued and outstanding shares of Common Stock will total 28,045,465.</p>
Manner of offering	<p>The securities will be issued pursuant to a privately negotiated transaction.</p>
Use of proceeds	<p>We intend to use the proceeds from this offering to fund our operations, which includes, but is not limited to advancing the Company’s clinical programs, commercial production of the investigational therapeutic NurOwn® (Whether for ALS or other indications), regulatory, pre-marketing and commercialization preparation activities of NurOwn® for ALS, working capital and general corporate purposes. See “Use of Proceeds” on page S-13 of this prospectus supplement.</p>
Nasdaq Capital Market symbol	<p>“BCLI”</p> <p>There is no established public trading market for the Warrant, and we do not expect a market to develop. We do not intend to list the Warrant on the Nasdaq Capital Market, any other national securities exchange or any other nationally recognized trading system. Without an active trading market, the liquidity of the Warrant will be limited.</p>
Dividend policy	<p>We have not previously paid cash dividends on our Common Stock. It is our current intention to invest our cash flow and earnings in the growth of our business and, therefore, we do not plan to pay cash dividends for the foreseeable future. Investors should not purchase our Common Stock with the expectation of receiving cash dividends.</p>
Risk factors	<p>This investment involves a high degree of risk. See “Risk Factors” beginning on page S-10 of this prospectus supplement and other information included or incorporated by reference herein, as well as the risks and uncertainties described in the other documents we file with the SEC, for a discussion of factors you should carefully consider before deciding to invest in our Common Stock.</p>

Unless otherwise indicated, the number of shares of our Common Stock to be outstanding immediately after this transaction as shown above is based on 23,174,228 shares of Common Stock outstanding as of December 31, 2019 but excluding the following as of such date:

- 1,293,007 shares of Common Stock issuable upon the exercise of share options outstanding as of December 31, 2019 at a weighted average exercise price of \$3.01 per share;
- 4,474,868 shares of Common Stock issuable upon the exercise of warrants outstanding as of December 31, 2019 at a weighted average exercise price of \$5.81 per share; and
- 2,146,689 shares of Common Stock reserved for future issuance under our equity incentive plans as of December 31, 2019.

Unless otherwise indicated, all information in this prospectus supplement assumes no exercise of outstanding options or warrants (including the Warrant offered hereby) described above.

RISK FACTORS

An investment in our Common Stock involves a high degree of risk. Before you invest in our Common Stock, you should carefully consider the risk factors set forth below, those risk factors related to us and our business described in “Item 1A. Risk Factors” in Part I of our most recent Annual Report on Form 10-K, which is incorporated herein by reference, and those risk factors that may be included in any applicable prospectus supplement, together with all of the other information included in this prospectus supplement, the accompanying base prospectus and the documents we incorporate by reference, in evaluating an investment in our Common Stock. If any of the risks discussed in the foregoing documents were to occur, our business, financial condition, results of operations and cash flows could be materially adversely affected. Please read “Special Note Regarding Forward-Looking Statements.”

Risks Relating to this transaction and an investment in our Common Stock

The investor will experience immediate and substantial dilution.

The offering price for the Common Stock and the exercise price of the Warrant offered pursuant to this prospectus supplement are substantially higher than the net tangible book value of each outstanding share of our Common Stock. The Investor in this offering will experience immediate and substantial dilution on a book value basis. Following this offering, there will be an immediate increase in net tangible book value to our existing shareholders, and an immediate dilution to the investor purchasing shares in this offering, based on an offering price of \$8.00 per share of Common Stock and the associated investor Warrant. If the holders of outstanding options or other securities convertible into our Common Stock exercise those options or other such securities at prices below the offering price, the investor will incur further dilution. Please see the section in the prospectus supplement entitled “Dilution” for a more detailed discussion of the dilution the investor will incur in this offering.

We may sell additional shares of Common Stock in the future which could result in dilution to our stockholders.

As of March 6, 2020, a total of approximately 71.96 million authorized but unissued shares of our Common Stock are available for future sale and issuance by action of our board of directors alone. Accordingly, if we were to sell additional shares in the future, our stockholders could suffer dilution in their investment in their shares of our Common Stock and in their percentage ownership of the Company.

Holders of our Warrant will have no rights as a holder of Common Stock until such holder exercises the Warrant and acquires our Common Stock.

Until the investor acquires Common Stock upon exercise of its Warrant, it will have no rights with respect to the Common Stock underlying the Warrant, except as set forth in the Warrant. Upon exercise of the Warrant, the investor will be entitled to exercise the rights of a holder of Common Stock only as to matters for which the record date occurs after the exercise date.

The Warrant may never have any value.

The investor Warrant being sold in this offering has an exercise price of \$15.00 per share. The Warrant will expire on the third anniversary of the issuance date. In the event our Common Stock price does not exceed the per share exercise price of the investor Warrant during the period when the Warrant is exercisable, the Warrant will not have any value.

The number of shares of our Common Stock available for future sale could adversely affect the market price of our Common Stock.

We cannot predict whether future issuances of shares of our Common Stock or the availability of shares for resale in the open market will decrease the market price per share of our Common Stock. Sales of substantial amounts of shares of our Common Stock in the public market, or the perception that such sales might occur, could adversely affect the market price of our Common Stock.

Our management will have broad discretion as to the use of proceeds from this transaction, you may not agree with the manner in which we use the proceeds and our use of those proceeds may not yield a favorable return on investment.

We intend to use the proceeds from this transaction to fund our operations, which includes, but is not limited to, advancing the Company's clinical programs, commercial production of the investigational therapeutic NurOwn® (Whether for ALS or other indications), regulatory, pre-marketing and commercialization preparation activities of NurOwn® for ALS, working capital and general corporate purposes. We have not designated the amount of net proceeds we will use for any particular purpose and our management will retain broad discretion to allocate the net proceeds of this transaction. The net proceeds may be applied in ways with which some investors in this transaction may not agree. Moreover, our management may use the net proceeds for corporate purposes that may not increase our market value or make us more profitable. In addition, it may take us some time to effectively deploy the net proceeds from this transaction. Until the net proceeds are effectively deployed, our return on equity and earnings per share may be negatively impacted. Management's failure to use the net proceeds of this transaction effectively could have an adverse effect on our business, financial condition and results of operations.

Share ownership by our officers and directors and certain agreements may make it more difficult for third parties to acquire us or effectuate a change of control that might be viewed favorably by other stockholders.

As of February 14, 2020, our executive officers and directors beneficially owned, directly or indirectly, in the aggregate, approximately 18.8% of our Common Stock. As a result, if our executive officers and directors were to oppose a third party's acquisition proposal for, or a change in control of, the Company, our executive officers and directors may have sufficient voting power to be able to block or at least delay such an acquisition or change in control from taking place, even if other stockholders would support such a sale or change of control. In addition, a number of our executive officers have change of control agreements which could increase the costs and, therefore, lessen the attractiveness of an acquisition of the Company to a potential acquiring party.

We may issue additional equity securities, or engage in other transactions which could dilute our book value or affect the priority of our Common Stock, which may adversely affect the market price of our Common Stock.

Our board of directors may determine from time to time to raise additional capital by issuing additional shares of our Common Stock or other securities. In addition, we may issue additional securities in connection with future acquisitions we may make. We are not restricted from issuing additional shares of Common Stock, including securities that are convertible into or exchangeable for, or that represent the right to receive, Common Stock. We cannot predict or estimate the amount, timing, or nature of any future offerings or issuances of additional stock in connection with acquisitions, or the prices at which such offerings may be affected. Such offerings could be dilutive to Common Stockholders. New investors also may have rights, preferences and privileges that are senior to, and that adversely affect, our then-current Common Stockholders. Additionally, if we raise additional capital by making additional offerings of debt or securities, upon liquidation of the Company, holders of our debt securities, and lenders with respect to other borrowings, will receive distributions of our available assets prior to the holders of our Common Stock. Additional equity offerings may dilute the holdings of our existing stockholders or reduce the market price of our Common Stock, or both. Holders of our Common Stock are not entitled to preemptive rights or other protections against dilution.

A failure to maintain effective internal control over financial reporting could have a material adverse effect on our business and stock prices.

Although we are not required to obtain or include in our annual reports on Form 10-K an attestation report from our independent registered accountants with respect to the effectiveness of our internal control over financial reporting, like all other public companies, our Chief Executive Officer and our Chief Financial Officer are required, annually, to assess, and disclose their findings in our annual reports on Form 10-K with respect to, the effectiveness of our internal control over financial reporting in a manner that meets the requirements of Section 404(a) of the Sarbanes-Oxley Act. The rules governing the standards that must be met for our Chief Executive and Chief Financial Officers to assess and report on the effectiveness of our internal control over financial reporting are complex and require significant documentation, testing and possible remediation, which could significantly increase our operating expenses.

Additionally, if we are unable to maintain the effectiveness of our internal control over financial reporting in the future, we may be unable to report our financial results accurately and on a timely basis. In such an event, investors and clients may lose confidence in the accuracy and completeness of our financial statements, as a result of which our liquidity, access to capital markets, and perceptions of our creditworthiness could be adversely affected and the market prices of our Common Stock could decline. In addition, we could become subject to investigations by the Nasdaq Capital Market, the SEC or other regulatory authorities, which could require us to expend additional financial and management resources. As a result, an inability to maintain the effectiveness of our internal control over financial reporting in the future could have a material adverse effect on our business, financial condition, results of operations and prospects.

If securities or industry analysts do not publish research or publish inaccurate or unfavorable research about our business, our stock price and trading volume could decline.

The trading market for our Common Stock will depend in part on the research and reports that securities or industry analysts publish about us or our business. If one or more of the analysts who cover us downgrade our stock or publish inaccurate or unfavorable research about our business, our stock price would likely decline. If one or more of these analysts cease coverage of our company or fail to publish reports on us regularly, demand for our stock could decrease, which might cause our stock price and trading volume to decline.

We do not anticipate paying any cash dividends on our Common Stock in the foreseeable future. As a result, you will need to sell your shares of Common Stock to receive any income or realize a return on your investment.

To date, we have not paid any cash dividends on our Common Stock. We do not anticipate paying any cash dividends on our Common Stock in the foreseeable future. We cannot assure you that we would, at any time, generate sufficient surplus cash that would be available for distribution to the holders of our Common Stock as a dividend.

USE OF PROCEEDS

The Company will receive \$10,000,000 of gross proceeds from this offering excluding the proceeds, if any, from the exercise of the Warrant offered hereby.

We intend to use the proceeds from this transaction to fund our operations, which includes, but is not limited, advancing the Company's clinical programs, commercial production of the investigational therapeutic NurOwn® (whether for ALS or other indications), regulatory, pre-marketing and commercialization preparation activities of NurOwn® for ALS, working capital and general corporate purposes. Our expected use of the proceeds from this transaction is based upon our present plans and business condition. As of the date of this prospectus supplement, we cannot predict with certainty all of the particular uses for the net proceeds to be received upon the completion of this transaction or the amounts that we will actually spend on the uses set forth above. The amounts and timing of our actual use of proceeds will vary depending on numerous factors, including the factors described under the heading "Risk Factors" beginning on page S-10 and under the heading "Risk Factors" in the prospectus accompanying this prospectus supplement and our other SEC filings. As a result, management will retain broad discretion over the allocation of the net proceeds from this transaction, and investors will be relying on the judgment of our management regarding the application of the net proceeds.

DILUTION

We calculate net tangible book value per share by dividing the net tangible book value, which is tangible assets less total liabilities, by the number of outstanding shares of our Common Stock. Dilution represents the difference between the amount per share paid by purchasers of shares in this transaction and the net tangible book value per share of our Common Stock immediately after giving effect to this transaction. Our net tangible book value as of December 31, 2019 was approximately (\$12.22 million) or (\$0.53) per share.

After giving effect to the sale of our Common Stock and Warrant pursuant to this prospectus supplement and accompanying prospectus in the aggregate amount of \$10.0 million at a price of \$8.00 per share and the accompanying Warrant, assuming no exercise of the Warrant offered hereby where no value is attributed to such Warrant and such Warrant is classified as and accounted for as equity, our net tangible book value as of December 31, 2019 would have been (\$2.22) million, or (\$0.09) per share of Common Stock. This represents an immediate increase in the net tangible book value of \$0.44 per share to our existing stockholders and an immediate dilution in net tangible book value of \$8.09 per share to investors participating in this transaction. The following table illustrates this per share dilution:

Assumed offering price per share of Common Stock and accompanying Warrant		\$	8.00
Net tangible book value per share as of December 31, 2019		\$	(0.53)
Increase per share attributable to this transaction		\$	<u>0.44</u>
As-adjusted net tangible book value per share as of December 31, 2019 after giving effect to this offering		\$	(0.09)
Dilution per share to new investors purchasing shares in this transaction		\$	<u>8.09</u>

The table above assumes for illustrative purposes that an aggregate of 1,250,000 shares of our Common Stock and the accompanying Warrant are sold pursuant to this prospectus supplement and the accompanying prospectus at a price of \$8.00 per share, for aggregate gross proceeds of \$10.0 million. This information is supplied for illustrative purposes only.

The above discussion and table are based on 23,174,228 shares of our Common Stock issued and outstanding as of December 31, 2019 and excludes the following:

- 1,293,007 shares of Common Stock issuable upon the exercise of share options outstanding as of December 31, 2019 at a weighted average exercise price of \$3.01 per share;
- 4,474,868 shares of Common Stock issuable upon the exercise of warrants outstanding as of December 31, 2019 at a weighted average exercise price of \$ 5.81 per share; and
- 2,146,689 shares of Common Stock reserved for future issuance under our equity incentive plans as of December 31, 2019.

DIVIDEND POLICY

We have not declared or paid any cash dividends on our capital stock since our inception. We currently intend to retain future earnings, if any, to finance the operation and expansion of our business and do not anticipate paying any cash dividends in the foreseeable future. Payment of future dividends, if any, will be at the discretion of our board of directors and will depend on our financial condition, results of operations, capital requirements, restrictions contained in current or future financing instruments, provisions of applicable law and other factors the board deems relevant.

MATERIAL U.S. FEDERAL TAX CONSIDERATIONS FOR NON-U.S. HOLDERS OF COMMON STOCK

The following is a general discussion of the material U.S. federal income tax consequences of the ownership and disposition of our Common Stock by a beneficial owner that is a "Non-U.S. Holder." A Non-U.S. Holder is a person or entity that, for U.S. federal income tax purposes, is not:

- a citizen or individual resident of the United States;
- a corporation, or other entity taxable as a corporation for U.S. federal income tax purposes, created or organized in or under the laws of the United States, any state therein or the District of Columbia;
- an estate, the income of which is includible in gross income for U.S. federal income tax purposes regardless of its source; or
- a trust if (a) a court within the United States is able to exercise primary supervision over the administration of the trust and one or more U.S. persons have the authority to control all substantial decisions of the trust or (b) such trust has made a valid election to be treated as a U.S. person for U.S. federal income tax purposes.

Special rules may apply to certain Non-U.S. Holders or their respective owners, including, but not limited to, "controlled foreign corporations," "passive foreign investment companies," corporations that accumulate earnings to avoid federal income tax, Non-U.S. Holders that own, or have owned, actually or constructively, more than 5% of our Common Stock, individuals who are former U.S. citizens or former long-term U.S. residents, hybrid entities, foreign governments and international organizations. These special rules are not addressed in the following summary.

If an entity that is classified as a partnership for U.S. federal income tax purposes holds our Common Stock, the U.S. federal income tax treatment of a partner will generally depend on the status of the partner and the activities of the partnership. Partnerships holding our Common Stock and partners in such partnerships are urged to consult their own tax advisers regarding the particular U.S. federal income tax consequences of holding and disposing of our Common Stock.

This discussion is based on the Internal Revenue Code of 1986, as amended (the "Code"), and administrative pronouncements, judicial decisions and final, temporary and proposed Treasury Regulations, any of which may be changed subsequent to the date of this prospectus supplement, possibly retroactively, so as to result in U.S. federal income tax consequences different from those discussed below. We have not sought an opinion of counsel with respect to the statements made and conclusions reached in this discussion. This discussion does not address all aspects of U.S. federal income taxation that may be relevant to Non-U.S. Holders in light of their particular circumstances, including alternative minimum tax and Medicare contribution tax consequences. It does not address any tax consequences arising under U.S. federal estate or gift tax laws or under the laws of any state, local or foreign jurisdiction and is limited to Non-U.S. Holders that hold our Common Stock as a capital asset within the meaning of Section 1221 of the Code.

You are urged to consult your tax adviser with respect to the particular tax consequences to you of owning and disposing of our Common Stock, including the consequences under the laws of any state, local or foreign jurisdiction.

Dividends

In general, any distribution we make to a Non-U.S. Holder with respect to our Common Stock that constitutes a dividend for U.S. federal income tax purposes will be subject to withholding tax at a rate of 30% of the gross amount, unless the Non-U.S. Holder is eligible for a reduced rate of withholding tax under an applicable income tax treaty and the Non-U.S. Holder provides certification of its eligibility for such reduced rate on a properly completed Internal Revenue Service ("IRS") Form W-8BEN (or W-8BEN-E, as applicable) or other appropriate version of IRS Form W-8. A Non-U.S. Holder that is eligible for a reduced rate of withholding tax under an income tax treaty may obtain a refund or credit of any excess amounts withheld by filing an appropriate claim for refund with the IRS. A distribution will constitute a dividend under U.S. federal income tax principles to the extent of our current or accumulated earnings and profits as determined for U.S. federal income tax purposes. Any distribution not constituting a dividend will reduce the Non-U.S. Holder's adjusted basis in our Common Stock and, to the extent it exceeds the holder's adjusted basis, will be treated as gain from the sale or exchange of such shares.

If a Non-U.S. Holder is engaged in a trade or business in the United States, and if dividends paid to the Non-U.S. Holder are effectively connected with the conduct of this trade or business (and, if an applicable income tax treaty provides, the dividend is attributable to a permanent establishment or fixed base maintained by the Non-U.S. Holder in the United States), the Non-U.S. Holder will not be subject to the withholding tax discussed above if certain certification requirements are satisfied but instead will generally be taxed in the same manner as a U.S. person who holds our Common Stock. A Non-U.S. Holder can generally satisfy the certification requirements by delivering a properly executed IRS Form W-8ECI to claim an exemption from the withholding tax to the withholding agent. A corporate Non-U.S. Holder receiving effectively connected dividends may also be subject to an additional "branch profits tax" imposed at a rate of 30% (or a lower treaty rate if applicable). A Non-U.S. Holder may obtain a refund of any excess amounts withheld under these rules if the Non-U.S. Holder is eligible for a reduced rate of United States withholding tax and an appropriate claim for refund is timely filed with the IRS.

Gain on Disposition of Common Stock

Subject to the discussion below regarding backup withholding, a Non-U.S. Holder generally will not be subject to U.S. federal income tax on the gain realized on a sale or other disposition of our Common Stock unless:

- the gain is effectively connected with a trade or business of the Non-U.S. Holder in the United States and, if an applicable income tax treaty provides, the gain is attributable to a permanent establishment maintained by the Non-U.S. Holder in the United States;
- the Non-U.S. Holder is an individual present in the U.S. for 183 days or more during the taxable year of the disposition and meets certain other conditions; or
- We are or were a "United States real property holding corporation," as defined in the Code, at any time within the five-year period preceding the disposition or the Non-U.S. Holder's holding period, whichever period is shorter, and our Common Stock constitutes a "United States real property interest".

If the gain is described in the first bullet point above, the Non-U.S. Holder will generally be taxed in the same manner as a U.S. person on the net gain from the disposition of the Common Stock, unless an applicable tax treaty provides otherwise. A corporate Non-U.S. Holder whose gain from dispositions of our Common Stock may be effectively connected with its conduct of a trade or business in the United States may also be subject to an additional "branch profits tax" imposed at a rate of 30% (or a lower treaty rate if applicable). Non-U.S. Holders whose gain from dispositions of our Common Stock may be effectively connected with a trade or business in the United States are urged to consult their own tax advisers with respect to the U.S. federal income tax consequences of the ownership and disposition of our Common Stock, including the possible imposition of a branch profits tax in the case of a corporate Non-U.S. Holder.

If the gain is described in the second bullet point above, the Non-U.S. Holder will generally be taxed at a flat rate of 30% (or a lower treaty rate if applicable) on its gain derived from the sale or other disposition, which may be offset by U.S.-source losses from sales or exchanges of other capital assets recognized during the year.

With respect to the third bullet point, we believe that we are not, and we do not anticipate becoming, a United States real property holding corporation. However, if we were to become a United States real property holding corporation, any gain recognized on a disposition of our Common Stock by a Non-U.S. Holder that did not own (actually or constructively) more than 5% of our Common Stock at any time during the shorter of the period the Non-U.S. Holder held the shares or the five-year period ending on the date of disposition would not be subject to U.S. federal income tax, provided that our Common Stock are "regularly traded on an established securities market".

Information Reporting Requirements and Backup Withholding

Information returns will be filed with the IRS in connection with payments of dividends and the proceeds from a sale or other disposition of our Common Stock. These information reporting requirements apply regardless of whether withholding was reduced or eliminated by an applicable tax treaty or withholding was not required because the dividends were effectively connected with a trade or business in the United States conducted by the Non-U.S. Holder. Copies of such information returns may also be made available to the tax authorities of the country in which a Non-U.S. Holder resides under the provisions of an applicable income tax treaty or other agreement with such tax authorities. U.S. backup withholding generally will apply to the payment of dividends to Non-U.S. Holders unless such Non-U.S. Holders furnish to the payor a Form W-8BEN or Form W-8BEN-E (or other applicable form) or otherwise establish an exemption. Backup withholding is not an additional tax. The amount of any backup withholding from a payment to a Non-U.S. Holder will be allowed as a credit against such holder's U.S. federal income tax liability and may entitle such holder to a refund, provided that the required information is timely furnished to the IRS.

You are urged to consult your tax adviser regarding the application of backup withholding in your particular circumstances and the availability of and procedure for obtaining an exemption from backup withholding under current Treasury Regulations.

Withholdable Payments to Foreign Financial Entities and Certain Other Foreign Entities

The Foreign Account Tax Compliance Act ("FATCA") imposes a 30% U.S. withholding tax on certain payments, including dividends on our Common Stock, made to a foreign entity if such entity fails to satisfy certain disclosure and reporting rules that generally require (i) in the case of a foreign financial institution, that the entity identify and provide information in respect of financial accounts with such entity held (directly or indirectly) by U.S. persons and U.S.-owned foreign entities, and (ii) in the case of a non-financial foreign entity, that the entity identify and provide information in respect of substantial U.S. owners of such entity. While existing Treasury Regulations would also require withholding on payments of gross proceeds of the sale or other disposition of our Common Stock, recently proposed Treasury Regulations eliminate this requirement, and the Proposed Regulations may be relied upon by taxpayers until they are finalized. Various other requirements and exceptions are provided under FATCA and additional requirements and exceptions may be provided in subsequent guidance. In addition, the United States has entered into (and may enter into additional) intergovernmental agreements ("IGAs") with foreign governments relating to the implementation of, and information sharing under, FATCA. IGAs may alter one or more of the FATCA information reporting rules.

You should consult your tax adviser regarding the possible impact of these rules on your investment in our Common Stock, and the entities through which you hold our Common Stock, including, without limitation, the process and deadlines for meeting the applicable requirements to prevent the imposition of this 30% withholding tax under FATCA.

PLAN OF DISTRIBUTION

In connection with the sale of the Common Stock and the Warrant we are offering pursuant to this prospectus supplement and the accompanying base prospectus, we will enter into securities purchase agreements directly with the purchasers in this offering. The form of securities purchase agreement with the purchasers will be included as an exhibit to our Current Report on Form 8-K that we will file in connection with this offering. No broker-dealers or placement agents were involved in this transaction.

Delivery of the shares of our Common Stock and warrants offered hereby is expected to occur on or about March 6, 2020, subject to satisfaction of certain closing conditions.

Our Common Stock is listed on the Nasdaq Capital Market under the symbol "BCLI." On March 5, 2020, the last reported sale price of our Common Stock on the Nasdaq Capital Market was \$7.62 per share. There is no established public trading market for the Warrant and we do not expect a market to develop. We do not intend to list the Warrant on the Nasdaq Capital Market, any other national securities exchange or any other nationally recognized trading system. Without an active trading market, the liquidity of the Warrant will be limited.

EXPERTS

The financial statements of the Company as included in our Annual Report on Form 10-K for the year ended December 31, 2019, are incorporated herein by reference in reliance on the report of Brightman, Almagor Zohar & Co., Certified Public Accountants, a firm in the Deloitte Global Network, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

LEGAL MATTERS

The validity of the securities being issued hereby will be passed upon by our legal counsel, BRL Law Group LLC, Boston, Massachusetts. As of March 6, 2020, Thomas B. Rosedale, the Managing Member of BRL Law Group LLC, beneficially owns 81,522 shares of our Common Stock.

BRAINSTORM CELL THERAPEUTICS INC.

\$100,000,000

Common Stock
Warrants
Units

This prospectus relates to common stock, warrants and units that we may sell from time to time in one or more offerings up to a total dollar amount of \$100,000,000 on terms to be determined at the time of sale. We will provide specific terms of these securities in supplements to this prospectus. You should read this prospectus and any supplement carefully before you invest. This prospectus may not be used to offer and sell securities unless accompanied by a prospectus supplement for those securities.

Our common stock is traded on the Nasdaq Capital Market under the symbol "BCLI." On June 7, 2018, the last reported sales price of our common stock was \$4.71 per share.

These securities may be sold directly by us, through dealers or agents designated from time to time, to or through underwriters or through a combination of these methods. See "Plan of Distribution" in this prospectus. We may also describe the plan of distribution for any particular offering of these securities in any applicable prospectus supplement. If any agents, underwriters or dealers are involved in the sale of any securities in respect of which this prospectus is being delivered, we will disclose their names and the nature of our arrangements with them in a prospectus supplement. The net proceeds we expect to receive from any such sale will also be included in a prospectus supplement.

Investing in our securities involves a high degree of risk. Beginning on page 2, we discuss several "Risk Factors" that you should consider before investing in our securities.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is _____, 2018.

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission, or the SEC, using a “shelf” registration process. Under this shelf registration process, we may sell any combination of the securities described in this prospectus in one or more offerings up to a total dollar amount of \$100,000,000. This prospectus provides you with a general description of the securities we may offer. Each time we sell securities, we will provide a prospectus supplement that will contain specific information about the securities being offered and the terms of that offering. The prospectus supplement may also add to, update or change information contained in this prospectus. You should read both this prospectus and any prospectus supplement together with the additional information described under the heading “Where You Can Find More Information” carefully before making an investment decision.

You should rely only on the information contained or incorporated by reference in this prospectus or any applicable prospectus supplement. We have not authorized any other person to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. We are not making an offer to sell these securities in any jurisdiction where the offer or sale is not permitted.

You should not assume that the information appearing in this prospectus or any applicable prospectus supplement is accurate as of any date other than the date on the front cover of this prospectus or the applicable prospectus supplement, or that the information contained in any document incorporated by reference is accurate as of any date other than the date of the document incorporated by reference, regardless of the time of delivery of this prospectus or any prospectus supplement or any sale of a security. Our business, financial condition, results of operations and prospects may have changed since such dates.

Unless the context otherwise requires, the terms “Brainstorm,” “the Company,” “our company,” “we,” “us,” “our” and similar names refer collectively to Brainstorm Cell Therapeutics Inc. and its subsidiaries.

ABOUT BRAINSTORM CELL THERAPEUTICS INC.

Brainstorm Cell Therapeutics Inc. is a biotechnology company committed to bring innovative Central Nervous System (“CNS”) adult stem cell therapies to the market to improve the lives of patients with debilitating neurodegenerative diseases. As a leader in CNS regenerative cellular medicines, Brainstorm is leveraging NurOwn®, its proprietary autologous mesenchymal stem cell platform technology, a strong and expanded IP portfolio, as well as manufacturing and commercialization capabilities, to address growing unmet medical needs across a broad range of neurodegenerative disorders, such as Amyotrophic Lateral Sclerosis (“ALS”, also known as Lou Gehrig’s disease), Multiple Sclerosis (“MS”), Parkinson’s disease (“PD”) and Autism Spectrum Disorders (“ASD”). The NurOwn® proprietary technology is fully licensed to and developed by Brainstorm Cell Therapeutics Ltd., our wholly-owned subsidiary (the “Israeli Subsidiary”).

NurOwn® technology is based on an innovative manufacturing protocol, which induces the differentiation of bone marrow-derived mesenchymal stem cells (“MSC”) into cells capable of releasing high levels of multiple neurotrophic factors (“MSC-NTF” cells) for neuroprotection while maintaining the immunodulatory effects of MSC cells. These factors are known to be critical for the growth, survival and differentiation of neurons, they include: glial-derived neurotrophic factor (“GDNF”); brain-derived neurotrophic factor (“BDNF”); vascular endothelial growth factor (“VEGF”); and hepatocyte growth factor (“HGF”). GDNF is one of the most potent survival factors known for peripheral neurons. VEGF and HGF have been demonstrated to have important neuro-protective effects in ALS and in other neurodegenerative diseases.

Our approach to the treatment of neurodegenerative diseases with autologous adult stem cells includes a multi-step process that includes: harvesting of undifferentiated stem cells from the patient’s own bone marrow; processing of cells at the manufacturing site and cryopreservation to enable multiple treatments from a single bone marrow sample; and intrathecal (“IT”) injection of MSC-NTF cells into the same patient by standard lumbar puncture. This procedure does not require hospitalization and has been shown to be safe and well tolerated in multiple CNS clinical trials to date. The ongoing US Phase 3 ALS study is evaluating the therapeutic potential of repeated dosing (every 2 months). The proprietary technology and manufacturing processing of NurOwn® (MSC-NTF cells) for clinical use is conducted in full compliance with current Good Manufacturing Practice (“cGMP”).

The NurOwn® Transplantation Process includes:

- Bone marrow aspiration from patient;
- Isolation and propagation of the mesenchymal stem cells (MSC);
- Cryopreservation of MSC;
- Thawing and differentiation of the MSC into neurotrophic-factor secreting (MSC-NTF; NurOwn®) cells; and
- Autologous transplantation into the patient’s cerebrospinal fluid by IT injection (lumbar puncture).

The ability to induce differentiation of autologous adult mesenchymal stem cells into MSC-NTF cells *before* transplantation is unique to NurOwn®, making it the first-of-its-kind for the treatment of neurodegenerative diseases.

The specialized MSC-NTF cells secrete multiple neurotrophic factors that may lead to:

- Protection of existing motor neurons;
- Promotion of motor neuron repair; and
- Re-establishment of functional nerve-muscle interaction.

The NurOwn® approach is autologous, using the patient’s own bone-marrow derived stem cells for “self-transplantation”. In autologous transplantation, there is no risk of rejection or introduction of donor antigens and no need for treatment with immunosuppressive agents, which can cause severe and/or long-term side effects. In addition, the use of adult stem cells is free of ethical controversies associated with the use of embryonic-derived stem cells in some countries.

NurOwn® is currently in a Phase 3 late stage clinical development program for the treatment of ALS. It has been granted Fast Track designation by the U.S. Food and Drug Administration (“FDA”) for this indication, and has been granted Orphan Status, which provides the potential for an extended period of exclusivity, in both the United States and in Europe. We have completed two early stage clinical trials of NurOwn® in patients with ALS at the Hadassah Medical Center (“Hadassah”) in Jerusalem as well as a Phase 2 double-blind, placebo-controlled, clinical study at three prestigious US medical centers, all highly experienced in the management and investigation of ALS.

We are incorporated under the laws of the State of Delaware. Our principal executive offices are located at 1745 Broadway, 17th Floor, New York, NY 10019, and our telephone number is (201) 488-0460. We maintain a website at <http://www.brainstorm-cell.com>. The information on our website is not incorporated by reference into this prospectus and should not be considered to be part of this prospectus.

RISK FACTORS

Investing in our securities involves significant risks. Please see the risk factors under the heading “Risk Factors” in our most recent Annual Report on Form 10-K, as revised or supplemented by our Quarterly Reports on Form 10-Q filed with the SEC since the filing of our most recent Annual Report on Form 10-K, each of which are on file with the SEC and are incorporated by reference in this prospectus. Before making an investment decision, you should carefully consider these risks as well as other information we include or incorporate by reference in this prospectus and any prospectus supplement. The risks and uncertainties we have described are not the only ones facing our company. Additional risks and uncertainties not presently known to us or that we currently deem immaterial may also affect our business operations.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports, proxy statements and other information with the SEC. You may read and copy any materials we have filed with the SEC at the SEC’s Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. You may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330. The SEC maintains an Internet site that contains reports, proxy and information statements, and other information regarding issuers that file electronically with the SEC. Our SEC filings are also available to you on the SEC’s Internet site at www.sec.gov.

This prospectus is part of a registration statement that we filed with the SEC. This prospectus does not contain all of the information included in the registration statement, including certain exhibits and schedules. You can obtain a copy of the registration statement and exhibits from the SEC at the address listed above or from the SEC’s Internet site.

Our Internet address is www.brainstorm-cell.com. The information on our Internet website is not incorporated by reference in this prospectus or any prospectus supplement.

SPECIAL NOTE REGARDING FORWARD-LOOKING INFORMATION

This prospectus and each prospectus supplement includes and incorporates forward-looking statements within the meaning of the federal securities laws. These forward-looking statements are based on management’s beliefs and assumptions. In addition, other written or oral statements that constitute forward-looking statements are based on current expectations, estimates and projections about the industry and markets in which we operate and statements may be made by or on our behalf. Words such as “may,” “will,” “should,” “could,” “expects,” “hopes,” “anticipates,” “believes,” “intends,” “plans,” “estimates,” “predicts,” “likely,” “potential,” or “continue” or the negative of any of these terms or similar words and expressions are intended to identify such forward-looking statements. These statements are not guarantees of future performance and involve certain risks, uncertainties and assumptions that are difficult to predict. There are a number of important factors that could cause our actual results to differ materially from those indicated by such forward-looking statements. Forward-looking statements include, but are not limited to, statements about potential future business operations and performance, including statements regarding the market potential for treatment of neurodegenerative disorders such as ALS, the sufficiency of our existing capital resources for continuing operations in 2018, the safety and clinical effectiveness of our NurOwn® technology, our clinical trials of NurOwn® and its related clinical development, and our ability to develop collaborations and partnerships to support our business plan. These statements reflect our views with respect to future events as of the date of this prospectus and any accompanying prospectus supplement and are based on assumptions and subject to risks and uncertainties. Given these uncertainties, you should not place undue reliance on these forward-looking statements. These forward-looking statements represent our estimates and assumptions only as of the date of this prospectus and any accompanying prospectus supplement and, except as required by law, we undertake no obligation to update or review publicly any forward-looking statements, whether as a result of new information, future events or otherwise after the date of this prospectus and any accompanying prospectus supplement. We anticipate that subsequent events and developments will cause our views to change. We have included important factors in the cautionary statements included or incorporated in this prospectus and any accompanying prospectus supplement, particularly under the heading “Risk Factors,” that we believe could cause actual results or events to differ materially from the forward-looking statements that we make. Our forward-looking statements do not reflect the potential impact of any future acquisitions, merger, dispositions, joint ventures or investments we may undertake. We qualify all of our forward-looking statements by these cautionary statements.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to “incorporate” into this prospectus information and reports that we file with the SEC. This means that we can disclose important information to you by referring to other documents that contain that information. Any information that we incorporate by reference is considered part of this prospectus. The documents and reports that we list below are incorporated by reference into this prospectus, other than any portion of any such documents that are not deemed “filed” under the Exchange Act in accordance with the Exchange Act and applicable SEC rules.

In addition, all documents and reports which we file pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date of this prospectus and prior to the termination of the offering made hereby are incorporated by reference in this prospectus as of the respective filing dates of these documents and reports.

We have filed the following documents with the SEC. These documents are incorporated herein by reference as of their respective dates of filing:

- (1) Our Annual Report on Form 10-K for the fiscal year ended [December 31, 2017](#);
- (2) Our Quarterly Report on Form 10-Q for the quarter ended [March 31, 2018](#);
- (3) Our Current Reports on Form 8-K filed on [January 4, 2018](#), [February 5, 2018](#) and [June 7, 2018](#) (but, in each case, excluding information furnished but not filed therein);
- (4) All of our filings pursuant to the Exchange Act after the date of filing the initial registration statement and prior to the effectiveness of the registration statement; and
- (5) The description of our common stock contained in our Registration Statement on Form 8-A filed on [September 24, 2014](#), including any amendments or reports filed for the purpose of updating such description.

You may request a copy of these documents, which will be provided to you at no cost, by writing or telephoning us at:

Brainstorm Cell Therapeutics Inc.
1745 Broadway, 17th Floor
New York, NY 10019
Attention: Chief Executive Officer
(201) 488-0460

Statements contained in documents that we file with the SEC and that are incorporated by reference in this prospectus will automatically update and supersede information contained in this prospectus, including information in previously filed documents or reports that have been incorporated by reference in this prospectus, to the extent the new information differs from or is inconsistent with the old information. Any statement so modified or superseded will not be deemed to be a part of this prospectus or any prospectus supplement, except as so modified or superseded. Because information that we later file with the SEC will update and supersede previously incorporated information, you should look at all of the SEC filings that we incorporate by reference to determine if any of the statements in this prospectus or any prospectus supplement or in any documents previously incorporated by reference have been modified or superseded.

USE OF PROCEEDS

We currently intend to use the estimated net proceeds from the sale of these securities for general corporate purposes, which may include the following:

- the research, development and clinical trials for our treatments;
- pursuing growth initiatives;
- capital expenditures;
- working capital; and
- any other purpose that we may specify in any prospectus supplement.

We have not yet determined the amount of net proceeds to be used specifically for any of the foregoing purposes. Accordingly, our management will have significant discretion and flexibility in applying the net proceeds from the sale of these securities. Pending any use, as described above, we intend to invest the net proceeds in high-quality, short-term, interest-bearing securities. Our plans to use the estimated net proceeds from the sale of these securities may change, and if they do, we will update this information in a prospectus supplement.

THE SECURITIES WE MAY OFFER

The descriptions of the securities contained in this prospectus, together with the applicable prospectus supplements, summarize the material terms and provisions of the various types of securities that we may offer. We will describe in the applicable prospectus supplement relating to any securities the particular terms of the securities offered by that prospectus supplement. If we so indicate in the applicable prospectus supplement, the terms of the securities may differ from the terms we have summarized below. We will also include in the prospectus supplement information, where applicable, about material United States federal income tax considerations relating to the securities, and the securities exchange, if any, on which the securities will be listed.

We may sell from time to time, in one or more offerings:

- common stock;
- warrants to purchase common stock or units;
- units comprised of common stock and warrants; or
- any combination of the foregoing securities.

In this prospectus, we refer to the common stock, warrants and units collectively as “securities.” The total dollar amount of all securities that we may issue will not exceed \$100,000,000.

This prospectus may not be used to consummate a sale of securities unless it is accompanied by a prospectus supplement.

DESCRIPTION OF COMMON STOCK

The following is a summary of all material characteristics of our common stock as set forth in our certificate of incorporation and bylaws. The summary does not purport to be complete and is qualified in its entirety by reference to our certificate of incorporation and bylaws, and, to the extent applicable, to the provisions of the Delaware General Corporation Law.

We are authorized to issue 100,000,000 shares of common stock, \$0.00005 par value. As of June 7, 2018, there were 20,249,526 shares of our common stock issued and outstanding, held by approximately 43 record holders.

The holders of common stock are entitled to one vote per share on all matters to be voted upon by stockholders, including the election of directors. The holders of common stock do not have any cumulative voting, conversion, redemption or preemptive rights. The holders of common stock are entitled to receive ratably dividends as may be declared from time to time by our Board of Directors out of funds legally available for that purpose. In the event of our liquidation, dissolution, or winding up, the holders of common stock are entitled to share ratably in our assets available for distribution to such holders. All issued and outstanding shares of common stock are fully paid and non-assessable.

Anti-Takeover Provisions of Delaware Law

We are subject to Section 203 of the Delaware General Corporation Law, which prohibits a publicly-held Delaware corporation from engaging in a “business combination,” except under certain circumstances, with an “interested stockholder” for a period of three years following the date such person became an “interested stockholder” unless:

- before such person became an interested stockholder, the board of directors of the corporation approved either the business combination or the transaction that resulted in the interested stockholder becoming an interested stockholder;
- upon the consummation of the transaction that resulted in the interested stockholder becoming an interested stockholder, the interested stockholder owned at least 85% of the voting stock of the corporation outstanding at the time the transaction commenced, excluding shares held by directors who also are officers of the corporation and shares held by employee stock plans; or
- at or following the time such person became an interested stockholder, the business combination is approved by the board of directors of the corporation and authorized at a meeting of stockholders by the affirmative vote of the holders of 66 2/3% of the outstanding voting stock of the corporation which is not owned by the interested stockholder.

The term “interested stockholder” generally is defined as a person who, together with affiliates and associates, owns, or, within the three years prior to the determination of interested stockholder status, owned, 15% or more of a corporation’s outstanding voting stock. The term “business combination” includes mergers, asset or stock sales and other similar transactions resulting in a financial benefit to an interested stockholder. Section 203 makes it more difficult for an “interested stockholder” to effect various business combinations with a corporation for a three-year period. The existence of this provision would be expected to have an anti-takeover effect with respect to transactions not approved in advance by our Board of Directors, including discouraging attempts that might result in a premium over the market price for the shares of common stock held by stockholders.

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is American Stock Transfer & Trust Company LLC.

Nasdaq Capital Market

Our common stock is traded on the Nasdaq Capital Market under the trading symbol "BCLI."

DESCRIPTION OF WARRANTS

We may issue warrants for the purchase of common stock or units. Warrants may be issued independently or together with common stock or units, and the warrants may be attached to or separate from such securities. We may issue warrants directly or under a warrant agreement to be entered into between us and a warrant agent. We will name any warrant agent in the applicable prospectus supplement. Any warrant agent will act solely as our agent in connection with the warrants of a particular series and will not assume any obligation or relationship of agency or trust for or with any holders or beneficial owners of warrants.

The following is a description of the general terms and provisions of any warrants we may issue and may not contain all the information that is important to you. You can access complete information by referring to the applicable prospectus supplement. In the applicable prospectus supplement, we will describe the terms of the warrants and any applicable warrant agreement, including, where applicable, the following:

- the title of the warrants;
- the offering price and aggregate number of warrants offered;
- the designation and terms of the securities with which the warrants are issued and the number of warrants issued with each such security;
- the date on and after which the warrants and the related securities will be separately transferable;
- any information with respect to book-entry procedures;
- in the case of warrants to purchase common stock or units, the number of shares of common stock or units, as the case may be, purchasable upon the exercise of one warrant and the price at which these securities may be purchased upon such exercise;
- the effect of any merger, consolidation, sale or other disposition of our business on the warrant agreement and the warrants;
- the terms of any rights to redeem or call the warrants;
- any provisions for changes to or adjustments in the exercise price or number of securities issuable upon exercise of the warrants;
- the dates on which the right to exercise the warrants will commence and expire;
- the manner in which the warrant agreement and warrants may be modified;
- a discussion of any material U.S. federal income tax considerations of holding or exercising the warrants;
- the terms of the securities issuable upon exercise of the warrants; and
- any other specific terms, preferences, rights or limitations of or restrictions on the warrants.

DESCRIPTION OF UNITS

The following description, together with the additional information we include in any applicable prospectus supplement, summarizes the material terms and provisions of the units that we may offer under this prospectus. Units may be offered independently or together with common stock and warrants offered by any prospectus supplement, and may be attached to or separate from those securities.

While the terms we have summarized below will generally apply to any future units that we may offer under this prospectus, we will describe the particular terms of any series of units that we may offer in more detail in the applicable prospectus supplement. The terms of any units offered under a prospectus supplement may differ from the terms described below.

We will incorporate by reference into the registration statement of which this prospectus is a part the form of unit agreement, including a form of unit certificate, if any, that describes the terms of the series of units we are offering before the issuance of the related series of units. The following summaries of material provisions of the units and the unit agreements are subject to, and qualified in their entirety by reference to, all the provisions of the unit agreement applicable to a particular series of units. We urge you to read the applicable prospectus supplements related to the units that we sell under this prospectus, as well as the complete unit agreements that contain the terms of the units.

We may issue units, in one or more series, consisting of common stock and warrants. Each unit will be issued so that the holder of the unit is also the holder of each security included in the unit. Thus, the holder of a unit will have the rights and obligations of a holder of each included security. The unit agreement under which a unit is issued may provide that the securities included in the unit may not be held or transferred separately, at any time, or at any time before a specified date.

We will describe in the applicable prospectus supplement the terms of the series of units, including the following:

- the title of the units;
- the aggregate number of units;
- the price or prices at which the units will be issued;
- the designation and terms of the units and of the securities comprising the units, including whether and under what circumstances those securities may be held or transferred separately;
- the effect of any merger, consolidation, sale or other transfer of our business on the units and the applicable unit agreement;
- the name and address of any unit agent;
- the terms of the governing unit agreement;
- any applicable material U.S. Federal income tax consequences; and
- any provisions for the issuance, payment, settlement, transfer or exchange of the units or of the securities comprising the units.

The provisions described in this section, as well as those described under “Description of Common Stock,” and “Description of Warrants,” will apply to each unit and to the common stock and warrants included in each unit, respectively.

PLAN OF DISTRIBUTION

We may sell the securities being offered hereby in one or more of the following ways from time to time:

- directly to investors;
- through agents to the public or to investors;
- directly to agents;
- to one or more underwriters or dealers for resale to the public or to investors;
- in “at the market offerings,” within the meaning of Rule 415(a)(4) of the Securities Act, to or through a market maker or into an existing trading market, or an exchange or otherwise; or
- through a combination of any of these methods of sale.

The securities that we distribute by any of these methods may be sold, in one or more transactions, at:

- a fixed price or prices, which may be changed;
- market prices prevailing at the time of sale;
- prices related to prevailing market prices; or
- negotiated prices.

We will set forth in a prospectus supplement the terms of the offering of our securities, including:

- the name or names of any agents or underwriters;
- the purchase price of our securities being offered and the proceeds we will receive from the sale;
- any over-allotment options under which underwriters may purchase additional securities from us;
- any agency fees or underwriting discounts and commissions and other items constituting agents' or underwriters' compensation;
- any public offering price;
- any discounts or concessions allowed or reallocated or paid to dealers; and
- any securities exchanges on which such securities may be listed.

Underwriters

Underwriters, dealers and agents that participate in the distribution of the securities may be underwriters as defined in the Securities Act and any discounts or commissions they receive from us and any profit on their resale of the securities may be treated as underwriting discounts and commissions under the Securities Act. We will identify in the applicable prospectus supplement any underwriters, dealers or agents and will describe their compensation. In no event will the aggregate value of compensation received or to be received by Financial Industry Regulatory Authority members or independent broker-dealers exceed 8% for the sale of the securities registered hereunder. We may have agreements with the underwriters, dealers and agents to indemnify them against specified civil liabilities, including liabilities under the Securities Act. Underwriters, dealers and agents may engage in transactions with or perform services for us or our subsidiaries in the ordinary course of their businesses.

If we use underwriters for a sale of securities, the underwriters will acquire the securities for their own account. The underwriters may resell the securities in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale. The obligations of the underwriters to purchase the securities will be subject to the conditions set forth in the applicable underwriting agreement. The underwriters will be obligated to purchase all the securities offered if they purchase any of the securities offered. We may change from time to time any initial public offering price and any discounts or concessions the underwriters allow or reallocate or pay to dealers. We may use underwriters with whom we have a material relationship. We will describe in the prospectus supplement naming the underwriters the nature of any such relationship.

If indicated in the applicable prospectus supplement, we will authorize underwriters or other persons acting as our agents to solicit offers by particular institutions to purchase securities from us at the public offering price set forth in such prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on the date or dates stated in such prospectus supplement. Each delayed delivery contract will be for an amount no less than, and the aggregate principal amounts of securities sold under delayed delivery contracts shall be not less nor more than, the respective amounts stated in the applicable prospectus supplement. Institutions with which such contracts, when authorized, may be made include commercial and savings banks, insurance companies, pension funds, investment companies, educational and charitable institutions and others, but will in all cases be subject to our approval. The obligations of any purchaser under any such contract will be subject to the conditions that (a) the purchase of the securities shall not at the time of delivery be prohibited under the laws of any jurisdiction in the United States to which the purchaser is subject, and (b) if the securities are being sold to underwriters, we shall have sold to the underwriters the total principal amount of the securities less the principal amount thereof covered by the contracts. The underwriters and such other agents will not have any responsibility in respect of the validity or performance of such contracts.

Agents

We may designate agents who agree to use their reasonable efforts to solicit purchases for the period of their appointment or to sell securities on a continuing basis.

Direct Sales

We may also sell securities directly to one or more purchasers without using underwriters or agents. We may also make direct sales through subscription rights distributed to our shareholders on a pro rata basis, which may or may not be transferable. In any distribution of subscription rights to shareholders, if all of the underlying securities are not subscribed for, we may then sell the unsubscribed securities directly to third parties or may engage the services of one or more underwriters, dealers or agents, including standby underwriters, to sell the unsubscribed securities to third parties.

Trading Markets and Listing of Securities

Unless otherwise specified in the applicable prospectus supplement, each class or series of securities will be a new issue with no established trading market, other than our common stock, which is listed on the Nasdaq Capital Market. We may elect to list any other class or series of securities on any exchange, but we are not obligated to do so. It is possible that one or more underwriters may make a market in a class or series of securities, but the underwriters will not be obligated to do so and may discontinue any market making at any time without notice. We cannot give any assurance as to the liquidity of the trading market for any of the securities.

Stabilization Activities

In connection with an offering, an underwriter may purchase and sell securities in the open market. These transactions may include short sales, stabilizing transactions and purchases to cover positions created by short sales. Short sales involve the sale by the underwriters of a greater number of securities than they are required to purchase in the offering. "Covered" short sales are sales made in an amount not greater than the underwriters' option to purchase additional securities from us, if any, in the offering. If the underwriters have an over-allotment option to purchase additional securities from us, the underwriters may close out any covered short position by either exercising their over-allotment option or purchasing securities in the open market. In determining the source of securities to close out the covered short position, the underwriters may consider, among other things, the price of securities available for purchase in the open market as compared to the price at which they may purchase securities through the over-allotment option. "Naked" short sales are any sales in excess of such option or where the underwriters do not have an over-allotment option. The underwriters must close out any naked short position by purchasing securities in the open market. A naked short position is more likely to be created if the underwriters are concerned that there may be downward pressure on the price of the securities in the open market after pricing that could adversely affect investors who purchase in the offering.

Accordingly, to cover these short sales positions or to otherwise stabilize or maintain the price of the securities, the underwriters may bid for or purchase securities in the open market and may impose penalty bids. If penalty bids are imposed, selling concessions allowed to syndicate members or other broker-dealers participating in the offering are reclaimed if securities previously distributed in the offering are repurchased, whether in connection with stabilization transactions or otherwise. The effect of these transactions may be to stabilize or maintain the market price of the securities at a level above that which might otherwise prevail in the open market. The impositions of a penalty bid may also effect the price of the securities to the extent that it discourages resale of the securities. The magnitude or effect of any stabilization or other transactions is uncertain. These transactions may be effected on the Nasdaq Capital Market or otherwise and, if commenced, may be discontinued at any time.

EXPERTS

The consolidated financial statements as of and for the years ended December 31, 2017 and 2016, incorporated in this prospectus by reference from the Company's Annual Report on Form 10-K filed on March 8, 2018 for the year ended December 31, 2017, have been audited by Brightman Almagor Zohar & Co., a member of Deloitte Touche Tohmatsu Limited, an independent registered public accounting firm, as stated in their report (which report expresses an unqualified opinion on the financial statements and includes an explanatory paragraph regarding the Company's ability to continue as a going concern), which is incorporated herein by reference, and has been so incorporated in reliance upon the report of such firm given upon their authority as experts in accounting and auditing.

LEGAL MATTERS

Validity of the securities offered by this prospectus will be passed upon for us by BRL Law Group LLC, Boston, Massachusetts. As of June 8, 2018, Thomas B. Rosedale, the Managing Member of BRL Law Group LLC, beneficially and of record owns 69,090 shares of our common stock.



BRAINSTORM CELL THERAPEUTICS INC.

**1,250,000 Shares of Common Stock
and a Warrant for the Purchase of 250,000 Shares of Common Stock**

PROSPECTUS SUPPLEMENT

March 6, 2020
