
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

SCHEDELE 14A

(Rule 14a-101)
SCHEDULE 14A INFORMATION

Proxy Statement Pursuant to Section 14(a) of the
Securities Exchange Act of 1934
(Amendment No. __)

Filed by the Registrant

Filed by a Party other than the Registrant

Check the appropriate box:

Preliminary Proxy Statement.

Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2)).

Definitive Proxy Statement.

Definitive Additional Materials.

Soliciting Material Pursuant to §240.14a-12.

Pluristem Therapeutics Inc.

(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement, if Other Than the Registrant)

Payment of Filing Fee (Check the appropriate box):

No fee required.

Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.

(1) Title of each class of securities to which transaction applies:

(2) Aggregate number of securities to which transaction applies:

(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):

(4) Proposed maximum aggregate value of transaction:

(5) Total fee paid:

- Fee paid previously with preliminary materials.
- Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.
 - (1) Amount Previously Paid:
 - (2) Form, Schedule or Registration Statement No.:
 - (3) Filing Party:
 - (4) Date Filed:

***** Exercise Your *Right* to Vote *****

**Important Notice Regarding the Availability of Proxy Materials for the
Stockholder Meeting to Be Held on May 31, 2016.**

PLURISTEM THERAPEUTICS, INC.

| Meeting Information | |
|----------------------------|--|
| Meeting Type: | Annual Meeting |
| For holders as of: | April 01, 2016 |
| Date: May 31, 2016 | Time: 5:00 PM LST |
| Location: | Matam Advanced Technology Park Building No. 5 Haifa, 31905 Israel |

You are receiving this communication because you hold shares in the company named above.

PLURISTEM THERAPEUTICS, INC.
MATAM ADVANCED TECHNOLOGY PARK
BUILDING NO. 5
HAIFA L3 31905 ISRAEL

This is not a ballot. You cannot use this notice to vote these shares. This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. You may view the proxy materials online at www.proxyvote.com or easily request a paper copy (see reverse side). You may also view the proxy materials at <https://materials.proxyvote.com/default.aspx?ticker=72940R>.

We encourage you to access and review all of the important information contained in the proxy materials before voting.

See the reverse side of this notice to obtain
proxy materials and voting instructions.

— Before You Vote —

How to Access the Proxy Materials

Proxy Materials Available to VIEW or RECEIVE:

- 1. Annual Report
- 2. Proxy Statement

How to View Online:

Have the information that is printed in the box marked by the arrow → **XXXX XXXX XXXX XXXX** (located on the following page) and visit: www.proxyvote.com. You may also view the proxy materials at <https://materials.proxyvote.com/default.aspx?ticker=72940R>

How to Request and Receive a PAPER or E-MAIL Copy:

If you want to receive a paper or e-mail copy of these documents, you must request one. You will not otherwise receive a paper or email copy. There is NO charge for requesting a copy. Please choose one of the following methods to make your request:

- 1) *BY INTERNET*: www.proxyvote.com
- 2) *BY TELEPHONE*: 1-800-579-1639
- 3) *BY E-MAIL**: sendmaterial@proxyvote.com

* If requesting materials by e-mail, please send a blank e-mail with the information that is printed in the box marked by the arrow → **XXXX XXXX XXXX XXXX** (located on the following page) in the subject line.

Requests, instructions and other inquiries sent to this e-mail address will NOT be forwarded to your investment advisor. Please make the request as instructed above on or before May 17, 2016 to facilitate timely delivery.

— How To Vote —

Please Choose One of the Following Voting Methods

Vote In Person: Many stockholder meetings have attendance requirements including, but not limited to, the possession of an attendance ticket issued by the entity holding the meeting. Please check the meeting materials for any special requirements for meeting attendance. At the meeting, you will need to request a ballot to vote these shares. For directions to the annual meeting please call 972-74-710860.

Vote By Internet: To vote now by Internet, go to www.proxyvote.com. Use the Internet to transmit your voting instructions up until 11:59 p.m. Eastern Time the day before the cut-off date or meeting date. Have the information that is printed in the box marked by the arrow → **XXXX XXXX XXXX XXXX** (located on the following page) available and follow the instructions.

Vote By Mail: You can vote by mail by requesting a paper copy of the materials, which will include a proxy card.

Voting Items

The Board of Directors recommends you vote FOR the following:

- 1. Election of Directors**

Nominees:

- 1 Zami Aberman
- 2 Israel Ben-Yoram
- 3 Isaac Braun
- 4 Mark Germain
- 5 Moria Kwiat
- 6 Hava Meretzki
- 7 Nachum Rosman
- 8 Doron Shorrer
- 9 Yaky Yanay

The Board of Directors recommends you vote FOR proposals 2 and 3.

- 2. To consider and approve the Company's 2016 Equity Compensation Plan;**
- 3. To ratify the selection of Kost Forer Gabbay & Kasierer, a member of Ernst & Young Global, as independent registered public accounting firm of the Company for the fiscal year ending June 30, 2016.**

NOTE: Such other business as may properly come before the meeting or any adjournment thereof.
