

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

SCHEDULE 14A

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

Filed by the Registrant x

Filed by a Party other than the Registrant o

Check the appropriate box:

- o Preliminary Proxy Statement
- o **Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))**
- o Definitive Proxy Statement
- x Definitive Additional Materials
- o Soliciting Material under §240.14a-12

Stemline 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):

- x No fee required.
- o 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:

o Fee paid previously with preliminary materials.

o 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:



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Online



Go to www.envisionreports.com/STML or scan the QR code – login details are located in the shaded bar below.



Votes submitted electronically must be received by 11:59 p.m., Eastern Time, on June 24, 2020.

Stockholder Meeting Notice

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Important Notice Regarding the Availability of Proxy Materials for the 2020 Annual Meeting of Stockholders of Stemline Therapeutics, Inc. to be Held on Thursday, June 25, 2020

Under Securities and Exchange Commission rules, you are receiving this notice that the proxy materials for the annual stockholders' meeting are available on the Internet. Follow the instructions below to view the materials and vote online or request a copy. The items to be voted on and location of the annual meeting are on the reverse side. Your vote is important!

This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. We encourage you to access and review all of the important information contained in the proxy materials before voting. The 2020 proxy statement and 2019 Annual Report on Form 10-K to stockholders are available at:

www.envisionreports.com/STML



Easy Online Access – View your proxy materials and vote.

- Step 1:** Go to www.envisionreports.com/STML.
- Step 2:** Click on **Cast Your Vote or Request Materials**.
- Step 3:** Follow the instructions on the screen to log in.
- Step 4:** Make your selections as instructed on each screen for your delivery preferences.
- Step 5:** Vote your shares.

When you go online, you can also help the environment by consenting to receive electronic delivery of future materials.



Obtaining a Copy of the Proxy Materials - If you want to receive a copy of the proxy materials, you must request one. There is no charge to you for requesting a copy. Please make your request as instructed on the reverse side on or before June 15, 2020 to facilitate timely delivery.



2 N O T

C O Y



Stockholder Meeting Notice

The 2020 Annual Stockholders Meeting of Stemline Therapeutics, Inc. will be held on Thursday, June 25, 2020 at the offices of our legal counsel, Alston & Bird LLP, located at 90 Park Avenue (between 39th and 40th streets), New York, New York 10016, at 10:00 a.m. ET.

Proposals to be voted on at the meeting are listed below along with the Board of Directors' recommendations.

The Board of Directors recommend a vote **FOR** all the nominees listed, and **FOR** Proposals 2 and 3:

1. Election of Directors:
 - 01 - Ron Bentsur
 - 02 - Darren Cline
 - 03 - Daniel Hume
2. Ratification of the Appointment of Ernst & Young LLP as our Independent Registered Public Accounting Firm
3. Approval of an Amendment to the Stemline Therapeutics, Inc. 2016 Equity Incentive Plan

PLEASE NOTE - YOU CANNOT VOTE BY RETURNING THIS NOTICE. To vote your shares you must go online or request a paper copy of the proxy materials to receive a proxy card. If you wish to attend and vote at the meeting, please bring this notice with you.

Depending on concerns about the coronavirus or COVID-19, we might hold a Virtual Annual Meeting instead of holding the meeting in New York. The Company would publicly announce a determination to hold a Virtual Annual Meeting in a press release available at <https://ir.stemline.com/press-releases-0> as soon as practicable before the meeting. In that event, the 2020 Annual Meeting of Stockholders would be conducted solely virtually, at the above date and time, via live audio webcast.



Here's how to order a copy of the proxy materials and select delivery preferences:

Current and future delivery requests can be submitted using the options below.

If you request an email copy, you will receive an email with a link to the current meeting materials.

PLEASE NOTE: You must use the number in the shaded bar on the reverse side when requesting a copy of the proxy materials.

- **Internet** - Go to www.envisionreports.com/STML. Click Cast Your Vote or Request Materials.
- **Phone** - Call us free of charge at 1-866-641-4276.
- **Email** - Send an email to investorvote@computershare.com with "Proxy Materials Stemline Therapeutics, Inc." in the subject line. Include your full name and address, plus the number located in the shaded bar on the reverse side, and state that you want a paper copy of the meeting materials.

To facilitate timely delivery, all requests for a paper copy of proxy materials must be received by June 15, 2020.