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

FORM 8-K

CURRENT REPORT Pursuant to Section 13 or 15(d)

of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): October 14, 2020

ARCTURUS THERAPEUTICS HOLDINGS INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation) 001-38942 (Commission File Number) 32-0595345 (I.R.S. Employer Identification No.)

10628 Science Center Drive, Suite 250 San Diego, California 92121 (Address of principal executive offices)

Registrant's telephone number, including area code: (858) 900-2660

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is following provisions:	intended to simultaneously satisfy the filing	obligation of the registrant under any of the
 □ Written communications pursuant to Rule 425 under to Soliciting material pursuant to Rule 14a-12 under the Pre-commencement communications pursuant to Rule Pre-commencement communications pursuant to Rule 	Exchange Act (17 CFR 240.14a-12) e 14d-2(b) under the Exchange Act (17 CFR	
Securities registered pursuant to Section 12(b) of the Act:		
Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common stock, par value \$0.001 per share	ARCT	The NASDAQ Stock Market LLC
Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).		
Emerging growth company \square		
If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. \Box		

Item 8.01. Other Events.

On October 14, 2020, Arcturus Therapeutics Holdings Inc., or the Company, received a non-refundable First Reserve Payment of \$12.5 million USD from the Israeli Ministry of Health, or MOH. This First Reserve Payment of \$12.5 million USD is associated with a specified clinical trial milestone, and was provided after a data review process during which the MOH had access to material preclinical and clinical data for the Company's COVID-19 vaccine candidate, ARCT-021. This payment serves as an initial reserve payment for a specified number of doses of ARCT-021 pursuant to a Supply Agreement executed by the Company and the MOH on August 17, 2020. As a result of the making of this payment, the MOH has become bound to purchase the reserved vaccine doses, as defined in and subject to the terms and conditions of the Supply Agreement.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No. Description of Exhibit

104 Cover Page to this Current Report on Form 8-K in Inline XBRL

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: October 14, 2020

Arcturus Therapeutics Holdings Inc.

By: /s/ Joseph E. Payne
Name: Joseph E. Payne
Title: Chief Executive Officer