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): September 29, 2021

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)

(Former name of former address, it changed since last report)		
Check the appropriate box below if the Form 8-K filing is interfollowing provisions:	nded to simultaneously satisfy the fi	ling obligation of the registrant under any of the
☐ Written communications pursuant to Rule 425 under the Sec☐ Soliciting material pursuant to Rule 14a-12 under the Excha☐ Pre-commencement communications pursuant to Rule 14d-☐ Pre-commencement communications pursuant to Rule 13e-4	ange Act (17 CFR 240.14a-12) 2(b) under the Exchange Act (17 CF	
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 g chapter) or Rule 12b-2 of the Securities Exchange Act of 1934		405 of the Securities Act of 1933 (§230.405 of this
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		
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Item 1.01. Entry into a Material Definitive Agreement.

On September 29, 2021, Arcturus Therapeutics, Inc. (the "<u>Company</u>") a wholly owned subsidiary of Arcturus Therapeutics Holdings Inc. ("<u>Arcturus</u>"), entered into a Lease Agreement (the "<u>Lease</u>") with TPSC IX, LLC (the "<u>Landlord</u>") for office, research and development, engineering and laboratory space (the "<u>Leased Premises</u>") located at 10285 Science Center Drive, San Diego, California (the "<u>Property</u>"). The Leased Premises will serve as an addition to Arcturus' existing properties.

The initial term of the Lease commences upon the Landlord's delivery of the Leased Premises in tenant improvement readiness condition (the "<u>Possession Date</u>"). The initial term of the Lease will extend ten years and eight months from the Possession Date, unless earlier terminated in accordance with the Lease. The Company will have the right to extend the term of the Lease for an additional 5-year term.

Under the Lease, the Company will lease approximately 43,234 square feet at the Property. The Company will pay an escalating base rent over the life of the Lease and its pro rata portion of property expenses and operating expenses for the Property.

The foregoing description of the terms of the Lease does not purport to be complete and is qualified in its entirety by reference to the full text of the Lease, which will be filed with the Securities and Exchange Commission (the "Commission") as an exhibit to Arcturus' Quarterly Report on Form 10-Q for the quarter ended September 30, 2021.

Item 2.03. Creation of a Direct Financial Obligation or an Obligation under an Off-Balance Sheet Arrangement of a Registrant.

The information included in Item 1.01 of this Current Report on Form 8-K is incorporated into this Item 2.03 of this Current Report on Form 8-K by reference.

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 5, 2021

Arcturus Therapeutics Holdings Inc.

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