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): June 8, 2020

PLUS THERAPEUTICS, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation)

001-34375

(Commission File Number)

33-0827593

(IRS Employer Identification No.)

4200 Marathon Blvd., Suite 200, Austin, Texas 78756

(Address of principal executive offices, with zip code)

(737) 255-7194

(Registrant's telephone number, including area code)

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

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the			
following provisions (see General Instructions A.2. below):			
	Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)		
	Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)		

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b)) Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

l	Title of each class	Trading Symbol(s)	Name of each exchange on which registered
	Common Stock, par value \$0.001	PSTV	The Nasdaq Capital Market

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. \square

Item 3.03 Material Modification to Rights of Security Holders.

As previously disclosed, on September 24, 2019, Plus Therapeutics, Inc. (the "Company") issued certain Series U warrants to purchase shares of the Company's common stock (the "Series U Warrants"). On June 8, 2020, the Company entered into agreements (the "Warrant Amendments") with holders of 43,000 Series U Warrants (the "Amending Warrant Holders") to amend the terms of the their Series U Warrants to, among other things, (i) limit the Company's obligation to make cash payments to the Amending Warrant Holders upon certain fundamental transactions and (ii) establish an exercise price of \$2.25.

The foregoing summary and description of the Warrant Amendments do not purport to be complete and are qualified in their entirety by reference to the complete text of such documents, a form of which has been filed as Exhibit 4.1 with this Current Report on Form 8-K and is incorporated herein by reference.

Item 9.01	Financial Statements and Exhibits.
(d) Exhibits.	
Exhibit Number 4.1	Description Form of Warrant Amendment Agreement (incorporated by reference to Exhibit 4.1 to the Company's Current Report on Form 8-K
	filed on April 23, 2020).

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: June 11, 2020

PLUS THERAPEUTICS, INC.

By: /s/ Marc H. Hedrick, M.D.

Marc H. Hedrick, M.D.

President and Chief Executive Office