#### 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 15, 2023

## ARCH THERAPEUTICS, INC.

(Exact name of registrant as specified in its charter)

Nevada (State or other jurisdiction of incorporation) 000-54986 (Commission File Number) 46-0524102 (I.R.S. Employer Identification No.)

235 Walnut Street, Suite 6 Framingham, Massachusetts (Address of principal executive offices)

**01702** (Zip Code)

Registrant's telephone number, including area code: (617) 431-2313

Check the appropriate box below if the Fo General Instruction A.2. below):	rm 8-K filing is intended to simultaneously satisfy the	filing obligation of the registrant under any of the following provisions (see
☐ Written communications pursuant to R	ule 425 under the Securities Act (17 CFR 230.425)	
☐ Soliciting material pursuant to Rule 14	a-12 under the Exchange Act (17 CFR 240.14a-12)	
☐ Pre-commencement communications p	ursuant to Rule 14d-2(b) under the Exchange Act (17 C	CFR 240.14d-2(b))
☐ Pre-commencement communications p	ursuant to Rule 13e-4(c) under the Exchange Act (17 C	CFR 240.13e-4(c))
Securities registered pursuant to Section 1	2(b) of the Act:	
Title of each class	Trading Symbol(s)	Name of each exchange on which registered
N A	N A	N A
Indicate by check mark whether the regist Securities Exchange Act of 1934 (17 CFR Emerging growth company □		e 405 of the Securities Act of 1933 (17 CFR §230.405) or Rule 12b-2 of the
	by check mark if the registrant has elected not to usuant to Section 13(a) of the Exchange Act. $\Box$	ise the extended transition period for complying with any new or revised

#### Item 1.01. Entry into a Material Definitive Agreement.

Note Modification Agreements

On June 15, 2023, Arch Therapeutics, Inc. (the "Company") entered into an amendment ("Amendment No. 6 to the First Notes") with the holders of the Company's outstanding Senior Secured Convertible Promissory Notes, as amended on February 14, 2023, and as subsequently amended on March 10, 2023, March 15, 2023, April 15, 2023, and May 15, 2023 (as amended, the "First Notes"), issued in connection with a private placement financing the Company completed on July 6, 2022 (the First Closing"). On June 15, 2023, the Company also entered into an amendment ("Amendment No. 6 to the Second Notes") with the holders of the Company's outstanding Unsecured Convertible Promissory Notes, as amended on February 14, 2023, and as subsequently amended on March 10, 2023, March 15, 2023, April 15, 2023, and May 15, 2023 (as amended, the "Second Notes"), issued in connection with a private placement financing the Company completed on January 18, 2023 (the Second Closing"). On June 15, 2023, the Company also entered into an amendment ("Amendment No. 1 to the Third Notes" and, together with Amendment No. 6 to the First Notes and Amendment No. 6 to the Second Notes, the "Amendments to the 2022 Notes") with the holders of the Company's outstanding Unsecured Convertible Promissory Notes (the "Third Notes" and, together with the First Notes and Second Notes, the "2022 Notes"), issued in connection with a private placement financing the Company completed on May 15, 2023 (the "Third Closing").

Under the Amendments to the 2022 Notes, the 2022 Notes were amended to extend the date of the completion of an uplist to any of the Nasdaq Global Market, Nasdaq Capital Market, New York Stock Exchange or NYSE American (such transaction, an "Uplist Transaction") from June 15, 2023 to July 1, 2023.

As a result of the entry into the Amendments to the 2022 Notes, and pursuant to the terms of the Company's outstanding Series 3B Convertible Promissory Notes (the "Series 3B Notes were automatically amended to extend the date of completion of an Uplist Transaction from June 15, 2023 to July 1, 2023. Also, as a result of the entry into the Amendments to the 2022 Notes, and pursuant to the terms of the Company's outstanding Series 1 Unsecured Convertible Promissory Notes and Series 2 Unsecured Convertible Promissory Notes, each as amended on March 10, 2023, the Series Note Amendments Termination Date set forth under Amendment No. 1 to the Series 1 Unsecured Convertible Promissory Notes and Amendment No. 1 to the Series 2 Unsecured Convertible Promissory Notes was automatically amended to extend from June 15, 2023 to July 1, 2023.

The foregoing descriptions of Amendment No. 6 to the First Notes, Amendment No. 6 to the Second Notes, and Amendment No. 1 to the Third Notes do not purport to be complete and are qualified in their entirety by the full text of the Form of Amendment No. 6 to the First Notes, the Form of Amendment No. 6 to the Second Notes, and the Form of Amendment No. 1 to the Third Notes which are attached to this Current Report on Form 8-K as Exhibits 10.1, 10.2, and 10.3, respectively, and are incorporated herein by reference.

#### Item 9.01. Financial Statements and Exhibits.

(d) The following exhibits are being filed herewith:

<b>Exhibit</b>	<u>Description</u>
10.1	Form of Amendment No. 6 to the First Notes, dated June 15, 2023.
10.2	Form of Amendment No. 6 to the Second Notes, dated June 15, 2023.
10.3	Form of Amendment No. 1 to the Third Notes, dated June 15, 2023.
104	Cover Page Interactive Data File (embedded within the Inline XBRL document).

### 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.

## ARCH THERAPEUTICS, INC.

By: /s/ Terrence W. Norchi, M.D.

Dated: June 22, 2023

Name: Terrence W. Norchi, M.D.

Title: President, Chief Executive Officer

#### AMENDMENT NO. 6 TO SENIOR SECURED CONVERTIBLE PROMISSORY NOTE

This Amendment No. 6 (this "Amendment") to those certain Senior Secured Convertible Promissory Notes, as amended on February 14, 2023, and as subsequently amended on March 10, 2023, March 15, 2023, April 15, 2023 and May 15, 2023 (as amended, the "First Notes"), issued by Arch Therapeutics, Inc., a Nevada corporation (the "Company"), to each Holder pursuant to that certain Securities Purchase Agreement, dated July 6, 2022, by and among the Company and the signatories thereto (the "Holders"), as amended on January 18, 2023 and as subsequently amended on May 15, 2023 (as amended, the "Securities Purchase Agreement") is made and entered into effective June 15, 2023 by and among the Company and the Consenting Stockholders (as defined below). Capitalized terms used herein but not otherwise defined shall have the meanings ascribed to them in the Securities Purchase Agreement.

#### WITNESSETH:

WHEREAS, the Company and the Consenting Stockholders desire to amend the First Notes to extend the date for completion of the Uplist;

WHEREAS, pursuant to Section 4.3 of the First Notes and Section 7(e) of the Securities Purchase Agreement, the First Notes may be amended in a written instrument signed by the Company, the Lead Investor, and Holders which purchased at least 50% plus \$1.00 of the Notes based on the initial Principal Amounts thereunder (the Lead Investor and such Holders, collectively the "Consenting Stockholders"); and

WHEREAS, the undersigned Holders constitute the Consenting Stockholders.

NOW, THEREFORE, in exchange for good and valuable consideration including, without limitation, the mutual covenants contained herein, the sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, the parties hereby agree as follows:

#### 1. Amendment to the First Notes.

1.1 The First Notes are hereby amended by deleting the words "by June 15, 2023" in Section 3.23 of the First Notes and replacing such words with the following sentence in substitution therefor:

"by July 1, 2023"

#### 2. Miscellaneous.

2.1 Except as expressly amended by this Amendment, the terms and provisions of the First Notes shall continue in full force and effect. No reference to this Amendment need be made in any instrument or document making reference to the First Notes; any reference to the First Notes in any such instrument or document shall be deemed a reference to the First Notes as amended hereby. The First Notes as amended hereby shall be binding upon the parties thereto and their respective assigns and successors.

- 2.2 This Amendment shall be governed by and construed in accordance with the laws of the State of Nevada as such laws are applied to agreements between parties in Nevada.
- 2.3 This Amendment may be executed in separate counterparts, each such counterpart being deemed to be an original instrument, and all such counterparts shall together constitute the same agreement.

[Signature Pages Follow]

ARCH THERAPEUTICS, INC	ARCH	THER.	APEUT	ICS.	INC
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By:	
Name:	Michael S. Abrams
Title:	Chief Financial Officer

Signature Page to Amendment No. 6 to First Notes

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By:				
Name:				
Title:				

Signature Page to Amendment No. 6 to First Notes

#### AMENDMENT NO. 6 TO UNSECURED CONVERTIBLE PROMISSORY NOTE

This Amendment No. 6 (this "Amendment") to those certain Unsecured Convertible Promissory Notes, as amended on February 14, 2023, and as subsequently amended on March 10, 2023, March 15, 2023, April 15, 2023 and May 15, 2023 (as amended, the "Second Notes"), issued by Arch Therapeutics, Inc., a Nevada corporation (the "Company"), to certain Holders pursuant to that certain Securities Purchase Agreement, dated July 6, 2022, by and among the Company and the signatories thereto (the "Holders"), as amended on January 18, 2023 and as subsequently amended on May 15, 2023 (as amended, the "Securities Purchase Agreement") is made and entered into effective June 15, 2023 by and among the Company and the Consenting Stockholders (as defined below). Capitalized terms used herein but not otherwise defined shall have the meanings ascribed to them in the Securities Purchase Agreement.

#### WITNESSETH:

WHEREAS, the Company and the Consenting Stockholders desire to amend the Second Notes to extend the date for completion of the Uplist;

WHEREAS, pursuant to Section 4.3 of the Second Notes and Section 7(e) of the Securities Purchase Agreement, the Second Notes may be amended in a written instrument signed by the Company, the Lead Investor, and Holders which purchased at least 50% plus \$1.00 of the Notes based on the initial Principal Amounts thereunder (the Lead Investor and such Holders, collectively the "Consenting Stockholders"); and

WHEREAS, the undersigned Holders constitute the Consenting Stockholders.

NOW, THEREFORE, in exchange for good and valuable consideration including, without limitation, the mutual covenants contained herein, the sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, the parties hereby agree as follows:

#### 1. Amendment to the Second Notes.

1.1 The Second Notes are hereby amended by deleting the words "by June 15, 2023" in Section 3.23 of the Second Notes and replacing such words with the following in substitution therefor:

"by July 1, 2023"

#### 2. Miscellaneous.

2.1 Except as expressly amended by this Amendment, the terms and provisions of the Second Notes shall continue in full force and effect. No reference to this Amendment need be made in any instrument or document making reference to the Second Notes; any reference to the Second Notes in any such instrument or document shall be deemed a reference to the Second Notes as amended hereby. The Second Notes as amended hereby shall be binding upon the parties thereto and their respective assigns and successors.

- 2.2 This Amendment shall be governed by and construed in accordance with the laws of the State of Nevada as such laws are applied to agreements between parties in Nevada.
- 2.3 This Amendment may be executed in separate counterparts, each such counterpart being deemed to be an original instrument, and all such counterparts shall together constitute the same agreement.

[Signature Pages Follow]

ARCH	THER	APEUTICS	INC

By: Name: Michael S. Abrams Title: Chief Financial Officer

Signature Page to Amendment No. 6 to Second Notes

[	]			
By:				
Name:				
Title:				

Signature Page to Amendment No. 6 to Second Notes

#### AMENDMENT NO. 1 TO UNSECURED CONVERTIBLE PROMISSORY NOTE

This Amendment No. 1 (this "Amendment") to those certain Unsecured Convertible Promissory Notes (the "Third Notes"), issued by Arch Therapeutics, Inc., a Nevada corporation (the "Company"), to each Holder pursuant to that certain Securities Purchase Agreement, dated July 6, 2022, by and among the Company and the signatories thereto (the "Holders"), as amended on January 18, 2023 and as subsequently amended on May 15, 2023 (as amended, the "Securities Purchase Agreement") is made and entered into effective June 15, 2023 by and among the Company and the Consenting Stockholders (as defined below). Capitalized terms used herein but not otherwise defined shall have the meanings ascribed to them in the Securities Purchase Agreement.

#### WITNESSETH:

WHEREAS, the Company and the Consenting Stockholders desire to amend the Third Notes to extend the date for completion of the Uplist;

WHEREAS, pursuant to Section 4.3 of the Third Notes and Section 7(e) of the Securities Purchase Agreement, the Third Notes may be amended in a written instrument signed by the Company, the Lead Investor, and Holders which purchased at least 50% plus \$1.00 of the Notes based on the initial Principal Amounts thereunder (the Lead Investor and such Holders, collectively the "Consenting Stockholders"); and

WHEREAS, the undersigned Holders constitute the Consenting Stockholders.

NOW, THEREFORE, in exchange for good and valuable consideration including, without limitation, the mutual covenants contained herein, the sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, the parties hereby agree as follows:

#### 1. Amendment to the Third Notes.

1.1 The Third Notes are hereby amended by deleting the words "by June 15, 2023" in Section 3.23 of the Third Notes and replacing such words with the following sentence in substitution therefor:

"by July 1, 2023"

#### 2. Miscellaneous.

2.1 Except as expressly amended by this Amendment, the terms and provisions of the Third Notes shall continue in full force and effect. No reference to this Amendment need be made in any instrument or document making reference to the Third Notes; any reference to the Third Notes in any such instrument or document shall be deemed a reference to the Third Notes as amended hereby. The Third Notes as amended hereby shall be binding upon the parties thereto and their respective assigns and successors.

- 2.2 This Amendment shall be governed by and construed in accordance with the laws of the State of Nevada as such laws are applied to agreements between parties in Nevada.
- 2.3 This Amendment may be executed in separate counterparts, each such counterpart being deemed to be an original instrument, and all such counterparts shall together constitute the same agreement.

[Signature Pages Follow]

## ARCH THERAPEUTICS, INC.

By: Name: Michael S. Abrams Title: Chief Financial Officer

Signature Page to Amendment No. 1 to Third Notes

[	]			
Ву:				
Name:				
Title:				

Signature Page to Amendment No. 1 to Third Notes