

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 30, 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 Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction 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:

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 registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (17 CFR §230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR §240.12b-2).

Emerging growth company

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.

**Item 1.01. Entry into a Material Definitive Agreement.***Note Modification Agreements*

On September 30, 2023, Arch Therapeutics, Inc. (the “Company”) entered into an amendment (“Amendment No. 11 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, May 15, 2023, June 15, 2023, July 1, 2023, July 7, 2023, July 31, 2023, and August 30, 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 September 30, 2023, the Company also entered into an amendment (“Amendment No. 11 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, May 15, 2023, June 15, 2023, July 1, 2023, July 7, 2023, July 31, 2023, and August 30, 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 September 30, 2023, the Company also entered into an amendment (“Amendment No. 6 to the Third Notes” and, together with Amendment No. 11 to the First Notes and Amendment No. 11 to the Second Notes, the “Amendments to the 2022 Notes”) with the holders of the Company’s outstanding Unsecured Convertible Promissory Notes, as amended on June 15, 2023, and as subsequently amended on July 1, 2023, July 7, 2023, July 31, 2023, and August 30, 2023 (as amended, 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 September 30, 2023, to October 31, 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”), the Series 3B Notes were automatically amended to extend the date of completion of an Uplist Transaction from September 30, 2023, to October 31, 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 2 Unsecured Convertible Promissory Notes, as amended on March 10, 2023, the Series 2 Note Amendment Termination Date set forth under Amendment No. 1 to the Series 2 Unsecured Convertible Promissory Notes was automatically amended to extend from September 30, 2023, to October 31, 2023.

The foregoing descriptions of Amendment No. 11 to the First Notes, Amendment No. 11 to the Second Notes, and Amendment No. 6 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. 11 to the First Notes, the Form of Amendment No. 11 to the Second Notes, and the Form of Amendment No. 6 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><u>Exhibit</u></b>	<b><u>Description</u></b>
10.1	<a href="#">Form of Amendment No. 11 to the First Notes, dated September 30, 2023.</a>
10.2	<a href="#">Form of Amendment No. 11 to the Second Notes, dated September 30, 2023.</a>
10.3	<a href="#">Form of Amendment No. 6 to the Third Notes, dated September 30, 2023.</a>
104	Cover Page Interactive Data File (embedded within the Inline XBRL document).

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**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.

Dated: October 4, 2023

**ARCH THERAPEUTICS, INC.**

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

Name: Terrence W. Norchi, M.D.

Title: President, Chief Executive Officer

**AMENDMENT NO. 11  
TO  
SENIOR SECURED CONVERTIBLE PROMISSORY NOTE**

This Amendment No. 11 (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, May 15, 2023, June 15, 2023, July 1, 2023, July 7, 2023, July 31, 2023, and August 30, 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 September 30, 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.

**W I T N E S S E T H:**

**WHEREAS**, the Company and the Consenting Stockholders desire to amend the First Notes to modify the terms and 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 following sentence is hereby added to the end of Section 2.9 of the First Notes:

"Upon the Automatic Conversion, a Holder shall receive pre-funded warrants (the "Note Conversion Pre-Funded Warrants") in lieu of shares of Common Stock otherwise issuable to the Holder to the extent that the sum of (1) the number of shares of Common Stock beneficially owned by the Holder and its affiliates (other than shares of Common Stock which may be deemed beneficially owned through the ownership of the unconverted portion of the Notes or the unexercised or unconverted portion of any other security of the Borrower subject to a limitation on conversion or exercise analogous to the limitations contained herein) and (2) the number of shares of Common Stock issuable upon the Automatic Conversion with respect to which the determination of this sentence is being made, would result in beneficial ownership by the Holder and its affiliates of more than 4.99% (or 9.99% if elected in writing by the Holder prior to the Automatic Conversion) of the outstanding shares of Common Stock. For purposes of the immediately preceding sentence, beneficial ownership shall be determined in accordance with Section 13(d) of the Exchange Act, and Regulations 13D-G thereunder, provided, that the limit may be waived by the Holder (up to a maximum of 9.99%) upon, at the election of the Holder, not less than 61 days' prior notice to the Borrower, and the provisions of the conversion limitation shall continue to apply until such 61st day (or such later date, as determined by the Holder, as may be specified in such notice of waiver). The Note Conversion Pre-Funded Warrants shall have a nominal exercise price of \$0.001 per share, may be exercised on a cashless basis, shall be exercisable immediately upon issuance and shall contain a customary beneficial ownership limitation provision."

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1.2 The First Notes are hereby amended by deleting the words “by September 30, 2023” in Section 3.23 of the First Notes and replacing such words with the following sentence in substitution therefor:

“by October 31, 2023”

**2. Miscellaneous**

2.1 The “First Note Amendment Termination Date” is hereby extended to October 31, 2023.

2.2 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.

2.3 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.

2.4 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]*

IN WITNESS WHEREOF, the parties hereto have executed this Amendment as of the date first written above.

**ARCH THERAPEUTICS, INC.**

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

*Signature Page to Amendment No. 11 to First Notes*

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**IN WITNESS WHEREOF**, the parties hereto have executed this Amendment as of the date first written above.

[            ]

By: \_\_\_\_\_

Name:

Title:

*Signature Page to Amendment No. 11 to First Notes*

**AMENDMENT NO. 11  
TO  
UNSECURED CONVERTIBLE PROMISSORY NOTE**

This Amendment No. 11 (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, May 15, 2023, June 15, 2023, July 1, 2023, July 7, 2023, July 31, 2023, and August 30, 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 September 30, 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.

**W I T N E S S E T H:**

**WHEREAS**, the Company and the Consenting Stockholders desire to amend the Second Notes to modify the terms and 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 following sentence is hereby added to the end of Section 2.9 of the Second Notes:

"Upon the Automatic Conversion, a Holder shall receive pre-funded warrants (the "Note Conversion Pre-Funded Warrants") in lieu of shares of Common Stock otherwise issuable to the Holder to the extent that the sum of (1) the number of shares of Common Stock beneficially owned by the Holder and its affiliates (other than shares of Common Stock which may be deemed beneficially owned through the ownership of the unconverted portion of the Notes or the unexercised or unconverted portion of any other security of the Borrower subject to a limitation on conversion or exercise analogous to the limitations contained herein) and (2) the number of shares of Common Stock issuable upon the Automatic Conversion with respect to which the determination of this sentence is being made, would result in beneficial ownership by the Holder and its affiliates of more than 4.99% (or 9.99% if elected in writing by the Holder prior to the Automatic Conversion) of the outstanding shares of Common Stock. For purposes of the immediately preceding sentence, beneficial ownership shall be determined in accordance with Section 13(d) of the Exchange Act, and Regulations 13D-G thereunder, provided, that the limit may be waived by the Holder (up to a maximum of 9.99%) upon, at the election of the Holder, not less than 61 days' prior notice to the Borrower, and the provisions of the conversion limitation shall continue to apply until such 61st day (or such later date, as determined by the Holder, as may be specified in such notice of waiver). The Note Conversion Pre-Funded Warrants shall have a nominal exercise price of \$0.001 per share, may be exercised on a cashless basis, shall be exercisable immediately upon issuance and shall contain a customary beneficial ownership limitation provision."

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1.2 The Second Notes are hereby amended by deleting the words “by September 30, 2023” in Section 3.23 of the Second Notes and replacing such words with the following in substitution therefor:

“by October 31, 2023”

**2. Miscellaneous.**

2.1 The “Second Note Amendment Termination Date” is hereby extended to October 31, 2023.

2.2 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.

2.3 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.

2.4 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]*

IN WITNESS WHEREOF, the parties hereto have executed this Amendment as of the date first written above.

**ARCH THERAPEUTICS, INC.**

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

*Signature Page to Amendment No. 11 to Second Notes*

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**IN WITNESS WHEREOF**, the parties hereto have executed this Amendment as of the date first written above.

[                    ]

By: \_\_\_\_\_

Name:

Title:

*Signature Page to Amendment No. 11 to Second 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 June 15, 2023, and as subsequently amended on July 1, 2023, July 7, 2023, July 31, 2023, and August 30, 2023 (as amended, 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 September 30, 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.

**W I T N E S S E T H:**

**WHEREAS**, the Company and the Consenting Stockholders desire to amend the Third Notes to modify the terms and 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 following sentence is hereby added to the end of Section 2.9 of the Third Notes:

"Upon the Automatic Conversion, a Holder shall receive pre-funded warrants (the "Note Conversion Pre-Funded Warrants") in lieu of shares of Common Stock otherwise issuable to the Holder to the extent that the sum of (1) the number of shares of Common Stock beneficially owned by the Holder and its affiliates (other than shares of Common Stock which may be deemed beneficially owned through the ownership of the unconverted portion of the Notes or the unexercised or unconverted portion of any other security of the Borrower subject to a limitation on conversion or exercise analogous to the limitations contained herein) and (2) the number of shares of Common Stock issuable upon the Automatic Conversion with respect to which the determination of this sentence is being made, would result in beneficial ownership by the Holder and its affiliates of more than 4.99% (or 9.99% if elected in writing by the Holder prior to the Automatic Conversion) of the outstanding shares of Common Stock. For purposes of the immediately preceding sentence, beneficial ownership shall be determined in accordance with Section 13(d) of the Exchange Act, and Regulations 13D-G thereunder, provided, that the limit may be waived by the Holder (up to a maximum of 9.99%) upon, at the election of the Holder, not less than 61 days' prior notice to the Borrower, and the provisions of the conversion limitation shall continue to apply until such 61st day (or such later date, as determined by the Holder, as may be specified in such notice of waiver). The Note Conversion Pre-Funded Warrants shall have a nominal exercise price of \$0.001 per share, may be exercised on a cashless basis, shall be exercisable immediately upon issuance and shall contain a customary beneficial ownership limitation provision."

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1.2 The Third Notes are hereby amended by deleting the words “by September 30, 2023” in Section 3.23 of the Third Notes and replacing such words with the following sentence in substitution therefor:

“by October 31, 2023”

**2. Miscellaneous.**

2.1 The “Third Note Amendment Termination Date” is hereby extended to October 31, 2023.

2.2 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.

2.3 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.

2.4 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]*

IN WITNESS WHEREOF, the parties hereto have executed this Amendment as of the date first written above.

**ARCH THERAPEUTICS, INC.**

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

*Signature Page to Amendment No. 6 to Third Notes*

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**IN WITNESS WHEREOF**, the parties hereto have executed this Amendment as of the date first written above.

[            ]

By: \_\_\_\_\_

Name:

Title:

*Signature Page to Amendment No. 6 to Third Notes*