FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Vashington, D.C. 20549 |
|------------------------|
|------------------------|

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL         |           |  |  |  |  |  |  |  |  |  |
|----------------------|-----------|--|--|--|--|--|--|--|--|--|
| OMB Number:          | 3235-0287 |  |  |  |  |  |  |  |  |  |
| Estimated average bu | urden     |  |  |  |  |  |  |  |  |  |
| hours per response:  | 0.5       |  |  |  |  |  |  |  |  |  |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person*  Renger John  |   |  |                  |           |                  | 2. Issuer Name and Ticker or Trading Symbol  Cerevel Therapeutics Holdings, Inc. [ CERE ] |   |   |   |  |                    |  |                                    | 5. Relationship of Reporti<br>(Check all applicable) Director X Officer (give title below) |   |  | g Pers                               | 10% Ov<br>Other (s<br>below)   | vner   |  |
|--|---|--|------------------|-----------|------------------|---|---|---|---|--|--------------------|--|------------------------------------|--|---|--|--------------------------------------|--|--|--|
| (Last) (First) (Middle)  C/O CEREVEL THERAPEUTICS HOLDINGS, INC.   |   |  |                  |           |                  | 3. Date of Earliest Transaction (Month/Day/Year) 12/23/2021                               |   |   |   |  |                    |  |                                    |  | Chief Scientific Officer                                    |  |                                      |  |  |  |
| 222 JACOBS STREET, SUITE 200   |   |  |                  |           |                  | If Amendment, Date of Original Filed (Month/Day/Year)                                     |   |   |   |  |                    |  |                                    |  | 6. Individual or Joint/Group Filing (Check Applicable Line) |  |                                      |  |  |  |
| (Street) CAMBRIDGE MA 02421  |   |  |                  |           |                  |   |   |   |   |  |                    |  | ľ                                  | X  |   | filed by Mor   |                                      | orting Perso<br>n One Repo   | - 1  |  |
| (City) (State) (Zip)   |   |  |                  |           |                  |   |   |   |   |  |                    |  |                                    |  |   |  |                                      |  |  |  |
|  |   | Tab  | le I - N         | Non-Deriv | vative           | Sec   | urit  | ies A                                   | cquire                                      | ed, D  | isposed o          | of, or B   | enefic                             | ally   | Owned   | t  |                                      |  |  |  |
| 1. Title of Security (Instr. 3)  2. Transaction Date (Month/Day/Ye   |   |  |                  |           |                  | Execution Date,   |   | 3.<br>Transaction<br>Code (Instr.<br>8) |   | 4. Securities Acquired (A) or<br>Disposed Of (D) (Instr. 3, 4 an |                    |  | Benefic<br>Owned                   |  | ies<br>:ially<br>Following                                  | Form<br>(D) o  | n: Direct<br>or Indirect<br>nstr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership                      |  |  |
|  |   |  |                  |           |                  |   |   |   |   | v  | Amount             | (A) or<br>(D)  | Price                              |  | Reporte<br>Transac<br>(Instr. 3                             | ction(s)   |                                      |  | (Instr. 4)   |  |
| Common Stock 12/23/202   |   |  |                  |           | 021              | 21  |   |   | M <sup>(1)</sup>                            |  | 5,873              | A  | \$3.                               | 5  | 7,8   | 353 <sup>(2)</sup>   |                                      | D  |  |  |
| Common Stock 12/23/202   |   |  |                  |           | 021              | 21  |   |   | S <sup>(1)</sup>                            |  | 5,873              | D  | \$35.00                            | 46 <sup>(3)</sup>  | 1,  | 980  |                                      | D  |  |  |
| Common Stock 12/27/202   |   |  |                  |           | 021              | 21  |   |   |   |  | 4,127              | A  | \$3.                               | 5  | 6,107   |  |                                      | D  |  |  |
| Common Stock 12/27/202   |   |  |                  |           | 021              | 21  |   |   | S <sup>(1)</sup>                            |  | 4,127              | D  | \$3!                               | \$35   |   | 1,980  |                                      | D  |  |  |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |   |  |                  |           |                  |   |   |   |   |  |                    |  |                                    |  |   |  |                                      |  |  |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)  | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | Execui<br>if any |           |                  | ction<br>Instr.   | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4<br>and 5) |   | 6. Date Exer<br>Expiration D<br>(Month/Day/ |  | ate                | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative Securi<br>(Instr. 3 and 4) |                                    | De<br>Se<br>(In  | Price of<br>erivative<br>ecurity<br>estr. 5)                | 9. Number<br>derivative<br>Securities<br>Beneficiall<br>Owned<br>Following<br>Reported<br>Transactio<br>(Instr. 4) | E C<br>F<br>Illy D<br>O (I           | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|  |   |  |                  |           | Code             | <b>v</b>  | (A) (D)   |   | Date<br>Exerc                               | isable   | Expiration<br>Date | Title  | Amou<br>or<br>Numb<br>of<br>Shares | er   |   |  |                                      |  |  |  |
| Stock<br>Option<br>(Right to<br>Buy)   | \$3.5   | 12/23/2021                                 |                  |           | M <sup>(1)</sup> |   |   | 5,873                                   | (4  | 4)   | 04/02/2029         | Common<br>Stock  | 5,87                               | 3  | \$0.00  | 375,002  | 2                                    | D  |  |  |
| Stock  | tock  |  |                  |           |                  |   | l   |   |   |  |                    |  |                                    |  |   |  | 1                                    |  |  |  |

## **Explanation of Responses:**

- 1. The transactions reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan dated October 8, 2021 adopted by the Reporting Person.
- 2. Includes 1,980 shares acquired under the Issuer's Employee Stock Purchase Plan on May 28, 2021.

12/27/2021

3. The reported price in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$35.00 to \$35.01 per share, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer, or to the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.

04/02/2029

Stock

4. 25% of the shares subject to this option vested and became exercisable on April 8, 2020, with the remainder vesting in thirty-six (36) equal monthly installments thereafter.

## Remarks:

Option (Right to

/s/ Mark Bodenrader, as Attorney-in-Fact

12/28/2021

370,875

D

\*\* Signature of Reporting Person

\$0.00

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- \* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.