## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL 3235-0287 Estimated average burden hours per response: 0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

|   |  |                   |                            |      |  | 01 31                             | ectio   | 11 30(11)   | n the                                   | ilive    | Sunen         | it Con              | ірапу Аст          | 01 1940                         | ,   | _   |  |  |  |  |  |  |
|---|--|-------------------|----------------------------|------|--|-----------------------------------|---|---|---|----------|---------------|---------------------|--------------------|---------------------------------|---|---|--|--|--|--|--|--|
|   |  |                   |                            |      |  |                                   | 2. Issuer Name <b>and</b> Ticker or Trading Symbol Spring Works Therapeutics, Inc. [ SWTX ] |   |   |          |               |                     |                    |                                 |   | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director X 10% Owner |  |  |  |  |  |  |
| (Last) (First) (Middle) 601 LEXINGTON AVENUE 54TH FLOOR   |  |                   |                            |      |  |                                   | 3. Date of Earliest Transaction (Month/Day/Year) 07/01/2021                                 |   |   |          |               |                     |                    |                                 |   |   | Officer (give title Other (specify below) below) |  |  |  |  | pecify   |
|   |  |                   |                            |      |  |                                   | If Amendment, Date of Original Filed (Month/Day/Year)                                       |   |   |          |               |                     |                    |                                 |   |   | Individual or                                    | Joint/   | Group Fil  | ing (C   | heck Ap  | plicable   |
| (Street) NEW YORK NY 10022-4629   |  |                   |                            |      |  |                                   |   |   |   |          |               |                     |                    |                                 |   | Form filed by One Reporting Person  X Form filed by More than One Reporting Person            |  |  |  |  |  |  |
| (City) (State) (Zip)  |  |                   |                            |      |  |                                   |   |   |   |          |               |                     |                    |                                 |   |   |  |  |  |  |  |  |
|   |  |                   | Table                      | I -  | Non-Deriva                             | tive                              | Sec   | urities   | S Ac                                    | qui      | red,          | Disp                | osed o             | of, or                          | Benefi  | ici   | ally Own   | ed   |  |  |  |  |
| 1. Title of Security (Instr. 3)  2. Transaction Date (Month/Day/Yea   |  |                   |                            |      | er) Ex                                 | cecuti<br>any                     | Deemed<br>ution Date,<br>/<br>th/Day/Year)  |   | 3.<br>Transaction<br>Code (Instr.<br>8) |          |               |                     |                    | uired (A) or<br>Instr. 3, 4 and |   | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following                              |  | 6. Ownershi<br>Form: Direc<br>(D) or<br>Indirect (I)<br>(Instr. 4) |  | 7. Natu<br>Indired<br>Benefi<br>Owner<br>(Instr. | ct<br>cial<br>ship                             |  |
|   |  |                   |                            |      |  |                                   | -   | Code V  |   | Amo      | ount          | (A) or<br>(D)       | ) or<br>) Price    |                                 | Reported<br>Transaction(s)<br>(Instr. 3 and 4)        |   |  |  |  |  |  |  |
| Common Stock 07/01/202.   |  |                   |                            |      | -                                      |                                   |   |   | S                                       |          | 15,           | ,959 <sup>(1)</sup> | D                  | \$85.0                          | 1   | 6,028,307   |  | I  |  | See<br>Footnotes <sup>(2)(3)</sup>               |  |  |
| Table II - Derivative Securities Acquired, Disposed of, or Bene<br>(e.g., puts, calls, warrants, options, convertible secur |  |                   |                            |      |  |                                   |   |   |   |          |               |                     |                    |                                 |   |   |  | t  |  |  |  |  |
| 1. Title of   | 2.   | 3. Tra            | nsaction                   | 3A.  | . Deemed                               | 4.                                | ans   |   | ımbe                                    | ÷        |               |                     | sable and          | _                               | le and  |   | 8. Price of                                      | 9. Nu  | mber of  | 10.  |  | 11. Nature   |
| Derivative<br>Security<br>(Instr. 3)  | Conversi<br>or Exerci<br>Price of<br>Derivativ<br>Security     | se (Mont          | Date<br>(Month/Day/Year)   | if a | ecution Date,<br>.ny<br>onth/Day/Year) | Transaction<br>Code (Instr.<br>8) |   | r. Deri<br>Secu<br>Acqu<br>(A) c<br>Disp<br>of (E | osed<br>)<br>r. 3, 4                    | es ded   |               |                     |                    |                                 | unt of<br>irities<br>erlying<br>vative<br>irity (Inst |   | Derivative<br>Security<br>(Instr. 5)             | Owne<br>Follor<br>Repo   | rities<br>ficially<br>ed<br>wing<br>rted<br>saction(s) | Forn<br>Direct<br>or In                          | nership<br>n:<br>ct (D)<br>ndirect<br>nstr. 4) | of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|   |  |                   |                            |      |  | Code                              | v   | (A)   | (D)                                     | Da<br>Ex | ite<br>ercisa |                     | Expiration<br>Date | n Title                         | Amoui<br>or<br>Number<br>of<br>Shares                 | er  |  |  |  |  |  |  |
|   | 1. Name and Address of Reporting Person*  ORBIMED ADVISORS LLC |                   |                            |      |  |                                   |   |   |   |          |               |                     |                    |                                 |   |   |  |  |  |  |  |  |
| (Last) (First) (Middle) 601 LEXINGTON AVENUE 54TH FLOOR   |  |                   |                            |      |  |                                   |   |   |   |          |               |                     |                    |                                 |   |   |  |  |  |  |  |  |
| (Street) NEW YORK NY 10022-4629   |  |                   |                            |      |  |                                   |   |   |   |          |               |                     |                    |                                 |   |   |  |  |  |  |  |  |
| (City)  |  | (State)           | (State) (Zip)              |      |  |                                   |   |   |   |          |               |                     |                    |                                 |   |   |  |  |  |  |  |  |
| 1. Name and Address of Reporting Person*  OrbiMed Capital GP VI LLC   |  |                   |                            |      |  |                                   |   |   |   |          |               |                     |                    |                                 |   |   |  |  |  |  |  |  |
| (Last) 601 LEXINGTON  |  | (First)<br>N AVEN | (First)<br>AVENUE, 54TH FL |      | (Middle)                               |                                   |   |   |   |          |               |                     |                    |                                 |   |   |  |  |  |  |  |  |
| (Street) NEW Y  | ORK  | NY                |                            |      | 10022                                  |                                   |   |   |   |          |               |                     |                    |                                 |   |   |  |  |  |  |  |  |

## **Explanation of Responses:**

(State)

(Zip)

(City)

- 1. These shares of the Issuer's common stock were sold in a block order at a price of \$85.01 pursuant to a Rule 10b5-1 trading plan established by OrbiMed Private Investments VI, LP ("OPI VI").
- 2. These shares of the Issuer's common stock are held of record by OPI VI. OrbiMed Capital GP VI LLC ("OrbiMed GP VI") is the general partner of OPI VI, and OrbiMed Advisors LLC ("OrbiMed Advisors"), a registered investment adviser under the Investment Advisors Act of 1940, as amended, is the managing member of OrbiMed GP VI. By virtue of such relationships, OrbiMed GP VI and OrbiMed Advisors may be deemed to have voting and investment power with respect to the securities held by OPI VI noted above and, as a result, may be deemed to beneficially own such securities for purposes of Rule 13d-3 under the Securities Exchange Act of 1934, as amended (the "Exchange Act"). OrbiMed Advisors exercises this investment and voting power through a management committee comprised of Carl L. Gordon, Sven H. Borho, and W. Carter Neild, each of whom disclaims beneficial ownership of the shares held by OPI VI.
- 3. This report is being jointly filed by OrbiMed Advisors and OrbiMed GP VI. Each of the Reporting Persons disclaims beneficial ownership of the securities reported herein for purposes of Rule 16a-1(a)

under the Exchange Act, except to the extent of its pecuniary interest therein, if any. This report shall not be deemed an admission that any of the Reporting Persons is a beneficial owner of such securities for the purpose of Section 16 of the Exchange Act, or for any other purpose.

OrbiMed Advisors LLC, /s/

Douglas Coon, Chief 07/06/2021

Compliance Officer

OrbiMed Capital GP VI LLC,

/s/ Douglas Coon, Chief 07/06/2021

**Compliance Officer** 

\*\* Signature of Reporting Person Date

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.