FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL 3235-0287

0.5

Estimated average burden

hours per response:

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

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

| Name and Address of Reporting Person*     AJU IB Investment Co., Ltd. |   |  |  |          |  |   | 2. Issuer Name and Ticker or Trading Symbol AILERON THERAPEUTICS INC [ ALRN ]                            |           |   |       |  |                |           |   | Relationship of Reporting Person(s) to Issuer (Check all applicable)     Director                            |           |   |                                       |   |  |
|---|---|--|--|----------|--|---|--|-----------|---|-------|--|----------------|-----------|---|--|-----------|---|---------------------------------------|---|--|
| (Last)<br>800 BOY   | Last) (First) (Middle) 800 BOYLSTON ST., SUITE 3310                   |  |  |          |  | 3. Date of Earliest Transaction (Month/Day/Year) 07/05/2017 |  |           |   |       |  |                |           |   | Officer (give title Othe below) below  |           |   |                                       | specify   |  |
| (Street)  | •   |  |  |          | 4. If Amendment, Date of Original Filed (Month/Day/Year) |   |  |           |   |       |  |                |           | 6. Individual or Joint/Group Filing (Check Applicable Line)  X Form filed by One Reporting Person  Form filed by More than One Reporting Person |  |           |   |                                       |   |  |
| (City)  | (5  | State)                                     | (Zip)  |          |  |   |  |           |   |       |  |                |           |   | Person   |           |   |                                       |   |  |
|   |   | Tá   | able I - No  | n-Deriv  | ativ   | e S   | ecur   | ities Ac  | quired                                  | , Dis | posed o  | f, or B        | enefi     | cially  | Owned  |           |   |                                       |   |  |
| 1. Title of Security (Instr. 3)  2. Transac Date (Month/Date)         |   |  |  |          |  | ar)   | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year)  |           | 3.<br>Transaction<br>Code (Instr.<br>8) |       | 4. Securities Acquired (A) o<br>Disposed Of (D) (Instr. 3, 4 a |                |           |   | Beneficially<br>Owned Following  |           | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)       |                                       | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership |  |
|   |   |  |  |          |  |   |  |           |   | v     | Amount   | (A) (D)        | PI        | rice  | Reported<br>Transaction(s)<br>(Instr. 3 and 4)   |           | (in   |                                       | Instr. 4)   |  |
| Common Stock 07/05/   |   |  |  |          |  | 2017  |  |           | С                                       |       | 443,973  | 3 A            |           | (1)   | 443,973  |           | 1 1 1   |                                       | See<br>Footnote <sup>(2)</sup>                      |  |
| Common Stock 07/05/   |   |  |  |          | 2017   |   |  |           |   |       | 48,656   | 6 A            |           | (1)   | 492,629  |           | I   |                                       | See<br>Footnote <sup>(3)</sup>                      |  |
| Common Stock 07/05/2  |   |  |  |          |  | /2017   |  |           |   |       | 24,929   | ) A            |           | \$15  | 517,558  |           |   |                                       | See<br>Footnote <sup>(2)</sup>                      |  |
|   |   |  | Table II -   |          |  |   |  |           |   |       | osed of,<br>convertib  |                |           |   | Owned  |           |   |                                       |   |  |
| 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) | 3A. Deemed<br>Execution D<br>if any<br>(Month/Day/ | ate, Tra | insaction<br>de (Instr.                                  |   | 5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed of<br>(D) (Instr. 3, 4<br>and 5) |           | 6. Date I<br>Expiration<br>(Month/I     | on Da |  |                |           | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)   | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s) |           | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4 | Beneficial<br>Ownership<br>(Instr. 4) |   |  |
|   |   |  |  | Co       | de V   | ,   | (A)  | (D)       | Date<br>Exercisa                        | able  | Expiration<br>Date   | Title          | or<br>Nur | ount<br>nber<br>Shares  |  | (Instr. 4 |   |                                       |   |  |
| Series E-3<br>Preferred<br>Stock                                      | (1)   | 07/05/2017                                 |  | (        |  |   |  | 4,411,765 | (1)                                     |       | (1)  | Commo<br>Stock | 443       | 3,973   | \$0.00   | C         | )   | I                                     | See<br>Footnote <sup>(2)</sup>                      |  |
| Series F<br>Preferred   | (1)   | 07/05/2017                                 |  |          |  |   |  | 483,501   | (1)                                     |       | (1)  | Commo<br>Stock | 48        | 3,656   | \$0.00   | C         | )   | I                                     | See<br>Footnote <sup>(3)</sup>                      |  |

## **Explanation of Responses:**

- 1. The Series E-3 and Series F Preferred Stock converted into Common Stock on a 9.937-for-one-basis upon the closing of the Issuer's initial public offering without payment of consideration. The Series E-3 and Series F Preferred Stock were convertible at any time at the holder's election and automatically upon the closing of the Issuer's initial public offering. The shares had no expiration date.
- 2. The shares reported herein are held of record by AJU Life Science Overseas Expansion Platform Fund, which is managed by AJU IB Investment (the "Reporting Person").
- 3. The shares reported herein are held of record by AJU Growth & Healthcare Fund, which is managed by the Reporting Person.

## Remarks:

Stock

/s/ Derek Yoon

07/07/2017

\*\* 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.