1. Name and Address of Reporting Person
Apple Tree Partners II - Annex, L.P.
230 PARK AVENUE, SUITE 2800
NEW YORK NY 10169

2. Issuer Name and Ticker or Trading Symbol
AILERON THERAPEUTICS INC [ ALRN ]

3. Date of Earliest Transaction (Month/Day/Year)
07/06/2018

4. If Amendment, Date of Original Filed (Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer
Director
10% Owner
Officer (give title below)
Other (specify below)

6. Individual or Joint/Group Filing (Check Applicable Line)
X Form filed by One Reporting Person
Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

<table>
<thead>
<tr>
<th>1. Title of Security (Instr. 3)</th>
<th>2. Transaction Date (Month/Day/Year)</th>
<th>2A. Deemed Execution Date, if any (Month/Day/Year)</th>
<th>3. Transaction Code (Instr. 4)</th>
<th>4. Securities Acquired (A) or Disposed Of (D) (Instr. 5)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>07/06/2018</td>
<td></td>
<td></td>
<td>A</td>
<td>655,797</td>
<td>D</td>
<td>0</td>
</tr>
</tbody>
</table>

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

<table>
<thead>
<tr>
<th>1. Title of Derivative Security (Instr. 3)</th>
<th>2. Conversion or Exercise Price of Derivative Security</th>
<th>3. Transaction Date (Month/Day/Year)</th>
<th>3A. Deemed Execution Date, if any (Month/Day/Year)</th>
<th>4. Transaction Code (Instr. 4)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 5)</th>
<th>6. Date Exercisable and Expiration Date (Month/Day/Year)</th>
<th>7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>8. Price of Derivative Security (Instr. 5)</th>
<th>9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)</th>
<th>10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>11. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
</table>

Explanation of Responses:
1. On July 6, 2018, Apple Tree Partners II - Annex, L.P. distributed 655,797 shares of the Issuer's Common Stock on a pro rata basis to its partners for no consideration. Following the distribution, Apple Tree Partners II - Annex, L.P. was no longer a holder of record of the Issuer's shares.

2. Dr. Seth L. Harrison is a principal of the general partner of Apple Tree Partners II - Annex, L.P., and Dr. Harrison disclaims beneficial ownership of the shares previously held by Apple Tree Partners II - Annex, L.P., except to the extent of his pecuniary interest therein. Dr. Harrison had sole voting and investment power over the shares previously held by Apple Tree Partners II - Annex, L.P.

Remarks:

/s/ Seth Harrison, Manager of Apple Tree Ventures II - Annex, LLC, General Partner of Apple Tree Partners II - Annex, L.P. 07/10/2018

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).


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.