1. Name and Address of Reporting Person

APPLE TREE PARTNERS II LP

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)

06/22/2018

4. If Amendment, Date of Original Filed

06/22/2018

5. Relationship of Reporting Person(s) to Issuer

Director X 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</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. 8)</th>
<th>4. Securities Acquired (A) or Disposed Of (D) (Instr. 3 and 4)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>06/22/2018</td>
<td></td>
<td>S</td>
<td>94,816 D</td>
<td>$5,977 (1)</td>
<td>D (2)</td>
</tr>
<tr>
<td>Common Stock</td>
<td>06/25/2018</td>
<td></td>
<td>S</td>
<td>913 D</td>
<td>$5,863 (3)</td>
<td>D (2)</td>
</tr>
<tr>
<td>Common Stock</td>
<td>06/26/2018</td>
<td></td>
<td>S</td>
<td>10,528 D</td>
<td>$5,454 (4)</td>
<td>D (2)</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</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. 8)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed Of (D) (Instr. 3 and 4)</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>
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</tbody>
</table>

Explanation of Responses:

1. The transaction was executed in multiple trades at prices ranging from $5.66 to $6.12. The price above reflects the weighted average transaction price. Detailed information regarding the number of shares transacted at each separate price will be provided upon request by the Commission staff, the Issuer or a security holder of the Issuer.

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

3. The transaction was executed in multiple trades at prices ranging from $5.75 to $6.00. The price above reflects the weighted average transaction price. Detailed information regarding the number of shares transacted at each separate price will be provided upon request by the Commission staff, the Issuer or a security holder of the Issuer.

4. The transaction was executed in multiple trades at prices ranging from $5.30 to $5.75. The price above reflects the weighted average transaction price. Detailed information regarding the number of shares transacted at each separate price will be provided upon request by the Commission staff, the Issuer or a security holder of the Issuer.

Remarks:

/s/ Seth Harrison, General Partner of Apple Tree Ventures II, L.P. 06/26/2018

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.