Aimmune Therapeutics, Inc.
Form SC 13G/A
February 12, 2019

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 4)*

Aimmune Therapeutics, Inc.

(Name of Issuer)

Common Stock, par value $0.0001 per share

(Title of Class of Securities)

00900T107

(CUSIP Number)

December 31, 2018

(Date of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

Rule 13d-1(b)

Rule 13d-1(c)

Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

1. NAMES OF REPORTING PERSONS

Longitude Capital Partners II, LLC

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions)

(a) (b)

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER 0
	6.	SHARED VOTING POWER 6,013,134 (1)
	7.	SOLE DISPOSITIVE POWER 0
	8.	SHARED DISPOSITIVE POWER 6,013,134 (1)

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

6,013,134 (1)

10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions)

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

9.7% (2)

12. TYPE OF REPORTING PERSON (see instructions)

OO

(1) All such shares are held of record by LVPII.

(2) Based on 58,730,708 shares of Common Stock outstanding as of October 31, 2018, as reported by the Issuer in its Quarterly Report on Form 10-Q for the quarter ended September 30, 2018, filed by the Issuer with the Securities and Exchange Commission on November 8, 2018, plus the 3,237,529 shares of Common Stock issued by the Issuer to Nestle Health Science US Holdings, Inc. on November 28, 2018 as reported by the Issuer in its Current Report on Form 8-K filed with the Securities and Exchange Commission on November 28, 2018.

1. NAMES OF REPORTING PERSONS

Longitude Venture Partners II, L.P.

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions)

(a) (b)

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER 0
	6.	SHARED VOTING POWER 6,013,134 (1)
	7.	SOLE DISPOSITIVE POWER 0
	8.	SHARED DISPOSITIVE POWER 6,013,134 (1)

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

6,013,134 (1)

10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions)

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

9.7% (2)

12. TYPE OF REPORTING PERSON (see instructions)

PN

(1) All such shares are held of record by LVPII.

(2) Based on 58,730,708 shares of Common Stock outstanding as of October 31, 2018, as reported by the Issuer in its Quarterly Report on Form 10-Q for the quarter ended September 30, 2018, filed by the Issuer with the Securities and Exchange Commission on November 8, 2018 plus the 3,237,529 shares of Common Stock issued by the Issuer to Nestle Health Science US Holdings, Inc. on November 28, 2018 as reported by the Issuer in its Current Report on Form 8-K filed with the Securities and Exchange Commission on November 28, 2018.

1. NAMES OF REPORTING PERSONS

Juliet Tammenoms Bakker

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions)

(a) (b)

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

United States of America

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER 16,651 (1)
	6.	SHARED VOTING POWER 6,013,134 (2)
	7.	SOLE DISPOSITIVE POWER 16,651 (1)
	8.	SHARED DISPOSITIVE POWER 6,013,134 (2)

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

6,029,785

10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions)

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

9.7% (3)

12. TYPE OF REPORTING PERSON (see instructions)

IN

(1) All such shares are held of record by Ms. Bakker.
(2) All such shares are held of record by LVPII.
(3) Based on 58,730,708 shares of Common Stock outstanding as of October 31, 2018, as reported by the Issuer in its Quarterly Report on Form 10-Q for the quarter ended September 30, 2018, filed by the Issuer with the Securities and Exchange Commission on November 8, 2018 plus the 3,237,529 shares of Common Stock issued by the Issuer to Nestle Health Science US Holdings, Inc. on November 28, 2018 as reported by the Issuer in its Current Report on Form 8-K filed with the Securities and Exchange Commission on November 28, 2018.

1. NAMES OF REPORTING PERSONS

Patrick G. Enright

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions)

(a) (b)

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

United States of America

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

5. SOLE VOTING POWER

178,394 (1)

6. SHARED VOTING POWER

6,013,134 (2)

7. SOLE DISPOSITIVE POWER

178,394 (1)

8. SHARED DISPOSITIVE POWER

6,013,134 (2)

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

6,191,528

10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions)

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

10.0% (3)

12. TYPE OF REPORTING PERSON (see instructions)

IN

(1) Consists of (i) 22,869 shares of Common stock held directly by Mr. Enright and (ii) 155,525 shares of Common Stock subject to stock option awards that have been granted to Mr. Enright in his capacity as a director of the Issuer and that are exercisable as of or within 60 days after December 31, 2018.

(2) All such shares are held of record by LVPII.

(3) Based on 62,123,762 shares of Common Stock, calculated as follows: (i) 155,525 shares of Common Stock subject to stock option awards that have been granted to Mr. Enright in his capacity as a director of the Issuer and that are exercisable as of or within 60 days after December 31, 2018, plus (ii) 58,730,708 shares of Common Stock outstanding as of October 31, 2018, as reported by the Issuer in its Quarterly Report on Form 10-Q for the quarter ended September 30, 2018, filed by the Issuer with the Securities and Exchange Commission on November 8, 2018 and plus (iii) the 3,237,529 shares of Common Stock issued by the Issuer to Nestle Health Science US Holdings, Inc. on November 28, 2018 as reported by the Issuer in its Current Report on Form 8-K filed with the Securities and Exchange Commission on November 28, 2018.

This Amendment No. 4 to the Schedule 13G initially filed January 29, 2016 (the Statement) is being jointly filed by the following reporting persons (each a Reporting Person and collectively the Reporting Persons): Longitude Venture Partners II, L.P. (LVPII); LVPII s sole general partner, Longitude Capital Partners II, LLC (LCPII); and LCPII s two managing members, Ms. Juliet Tammenoms Bakker and Mr. Patrick G. Enright. Only those items that are hereby reported are amended; all other items reported in the Statement remain unchanged. Information given in response to each item shall be deemed incorporated by reference in all other items, as applicable. Capitalized terms not defined in this Amendment No. 4 have the meanings ascribed to them in the Statement.

The Reporting Persons have entered into a Joint Filing Agreement, dated January 29, 2016, a copy of which has been filed as Exhibit A to the Statement, pursuant to which the Reporting Persons have agreed to file the Statement and all amendments thereto jointly in accordance with the provisions of Rule 13d-1(k)(1) under the Act.

Item 4. Ownership.

(a) Amount beneficially owned:
See Row 9 of the cover page for each Reporting Person.*

(b) Percent of class:
See Row 11 of the cover page for each Reporting Person.

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote
See Row 5 of the cover page for each Reporting Person.*

(ii) Shared power to vote or to direct the vote
See Row 6 of the cover page for each Reporting Person.*

(iii) Sole power to dispose or to direct the disposition of
See Row 7 of the cover page for each Reporting Person.*

(iv) Shared power to dispose or to direct the disposition of
See Row 8 of the cover page for each Reporting Person.*

* Each of the Reporting Persons disclaims beneficial ownership as to such securities, except to the extent of his, her or its pecuniary interest therein.

Item 6. Ownership of More Than Five Percent on Behalf of Another Person.

Not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person.

Not applicable.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 12, 2019

LONGITUDE VENTURE PARTNERS II, L.P.

By: Longitude Capital Partners II, LLC
Its: General Partner

By: /s/ Patrick G. Enright
Patrick G. Enright
Its: Managing Member

LONGITUDE CAPITAL PARTNERS II, LLC

By: /s/ Patrick G. Enright
Patrick G. Enright
Its: Managing Member

/s/ Patrick G. Enright
Patrick G. Enright

/s/ Juliet Tammenoms Bakker
Juliet Tammenoms Bakker